Beta

GENERAL PROGRAMME 2026

In Beta, there is only one way to do things: doing them well.

This is Beta's world, this is the principle that guides our daily work around the world, driven by four values:

AUDACITY to invest and constantly relaunch an enterprise created by an Italian craftsman in 1923, which has asserted itself worldwide and continues to grow after four generations.

COMMITMENT in taking care of the quality of our products, because every retailer knows he can count on an efficient service, and every user knows they can rely on the precision, reliability and resistance of Beta products.

HARMONY of the lines, for a design of excellence, because when something is well done, it expresses a perfect balance between function and design.

TALENT it is our most precious resource, the one that distinguishes all our people and every professional who chooses Beta to leave nothing up to chance, in the engaging and passionate fulfilment of their ideas and dreams.

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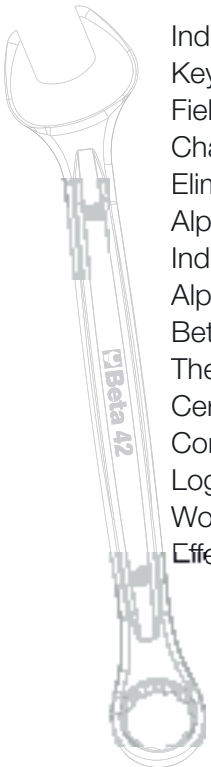

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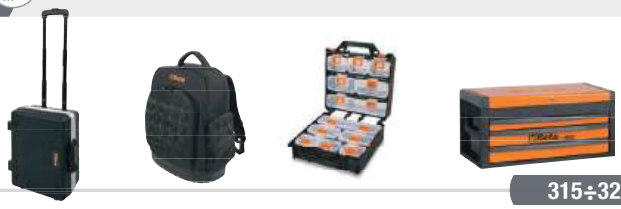
CONTAINERS AND ASSORTMENTS



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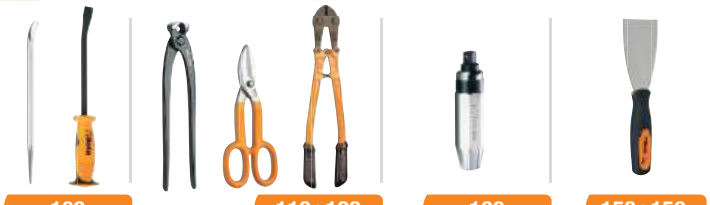

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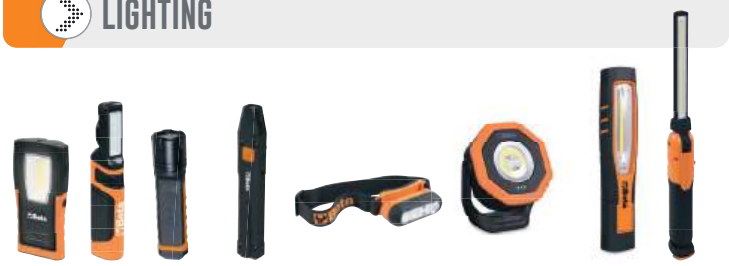

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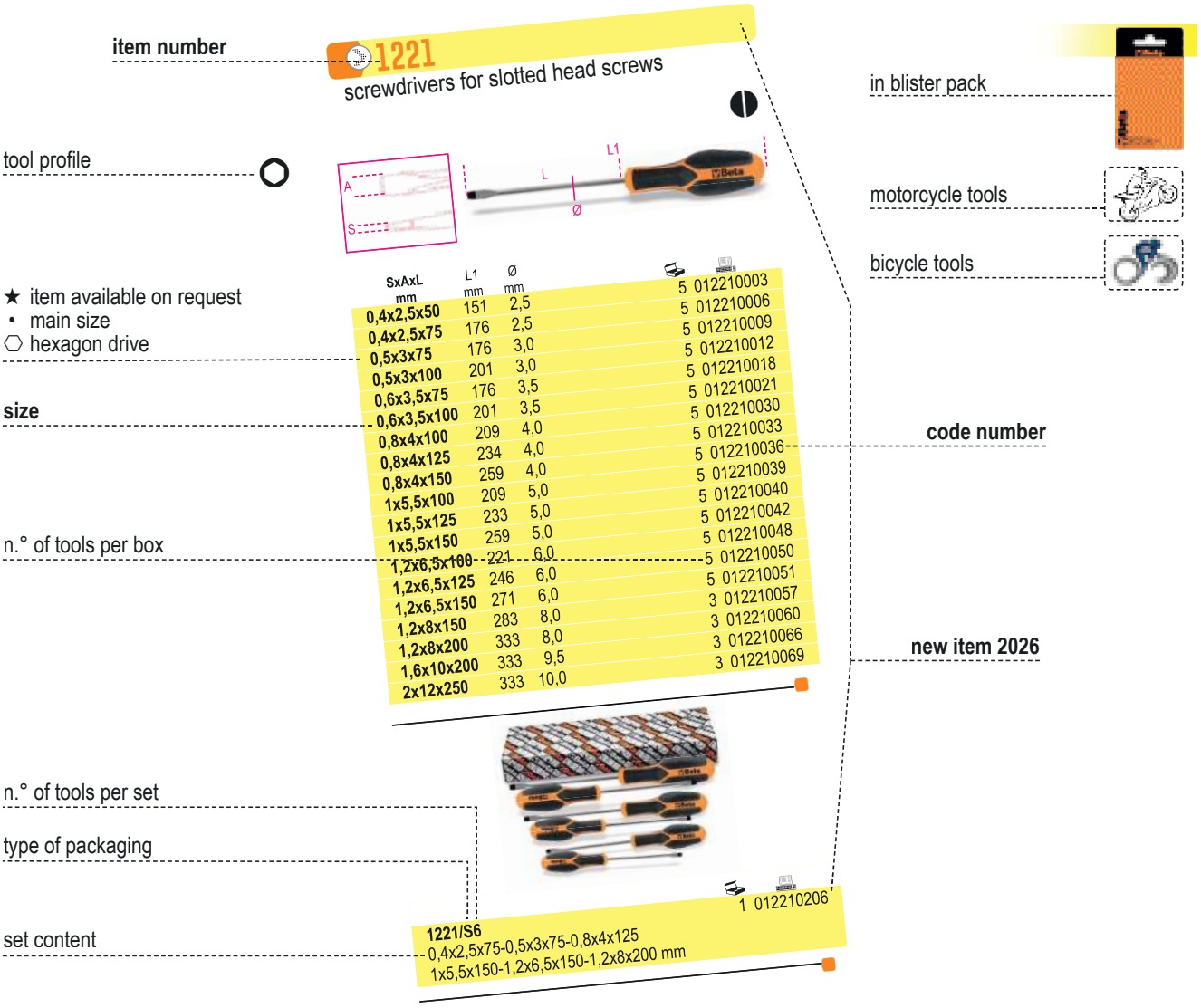
KEY READING



Most used symbols		Example
	Sets	
B	= in plastic wallet	42/B9N
BV	= empty wallet	2002/BV9
C	= in case	900/C11
D	= in hanging pack	1293/D6
S	= in box	42/S17
SP	= with display	42/SP25
SPV	= empty display	42/SPV7
SC	= with compact support	96/SC9
SCV	= compact support, empty	96/SCV
	Assortments	
AS	= with tools in inches	5915VU/AS
E	= Electronics/Electrotechnics	5980ET/A
I	= Plumbing	5980ID
MT	= Earth-moving	5902MT
U	= Universal	5915VU/3
SBK	= Motorcycle Repairs	5940SBK
VG	= Automotive	5904VG/5T
VI	= Industry	5902VI
	Sockets	
A	= hexagon profile	910A
B	= bi-hex profile	910B
ES	= grooved profile	920ES
FTX	= for TORX® screws	910FTX

Most used symbols		Example
PT	= for 5-star head screws	910PT
X	= reversible ratchet in cases	920A/C12X
	Screwdrivers and bits	
LP	= for slotted head screws	920LP
PE	= for hexagon screws	920PE
PH	= for cross head PHILLIPS® screws	920PH
PZ	= for cross head POZIDRIV® - SUPADRIV® screws	1299PZ
RTX	= for TAMPER RESISTANT TORX® screws	1298RTX
SP	= for SPANNER screws	861SP
TRW	= for TRI-WING® screws	861TRW
TQS	= for TORQ-SET® screws	861TQS
TX	= for TORX® head screws	920TX
XZN	= for XZN® screws	920XZN
	Miscellaneous	
AS	= sizes in inches	42AS
BA	= spark-proof tools	42BA
BM	= bi-material handle	1150BM
C	= empty metal container	C25
HS	= tethered tools	42HS
INOX	= tools made of stainless steel	42 INOX
L	= long series	952L
MQ	= 1000V insulated tools	1150MQ
MP	= bright finish	42MP
R	= spare part	338R

The pictures are given by way of example.
Beta Utensili reserve the right to update and enhance their product range without notice.

Beta RECOMMENDS using the tools correctly and complying with personal protection standards.

PIN PUNCHES

Beta's striking tools have been designed to provide optimal performance and ensure the operator's safety.

A special type of steel, which contains chrome, molybdenum and vanadium (65CrMoV2-2) is used for production, resulting in remarkably hard and tough tools. The products are made - if so allowed by their geometry - with drawn bars; otherwise, they are hot-forged in a controlled atmosphere, to avoid slag formation.

❶
The hexagon profiles prevent the tool from rolling on the supporting surface.

❷
the pin punches are fitted with extremely long though perfectly straight shanks, to allow access to small spaces.

❸
To make sure that the pin punches are correctly sized, every single piece is faced, so that a uniform cylindrical part and a perfectly flat end can be obtained, for increased efficacy.

❹
All the faces are subjected to induction tempering, to prevent splintering; the deformation of the striking point is a natural consequence, so that the operator's safety can be ensured.

The centre and pin punches are sharpened after being chrome-plated, to provide improved engraving and cutting performance, and remove the galvanic deposit from the tips. Overdeposits need to be removed, to prevent "rounding" of the corners and brittleness as a result of the amount of hydrogen produced during electroplating. he worked areas are protected with a rust-proof layer.

30
drift punches

Ø mm	L mm		
2	125	10	000300020
3	125	10	000300030
4	150	10	000300040
5	150	10	000300050
6	150	10	000300060

31
pin punches

Ø mm	L mm	L1 mm		
2	110	22	10	000310002
3	128	35	10	000310003
4	146	45	10	000310004
5	164	55	10	000310005
6	182	65	5	000310006
8	200	80	5	000310008
10	220	95	5	000310010
12	250	115	3	000310012

31/B6N 31/SP6

31/B6N 2-3-4-5-6-8 mm	1	000310024
2002/BV6	1	020020000
31/SP6 2-3-4-5-6-8 mm	1	000310030
31/SPV	1	000310031

31BM
pin punches with handles

Ø mm	L mm	L1 mm		
2	168	42	2	000310402
3	180	52	2	000310403
4	191	62	2	000310404
5	200	72	2	000310405
6	221	82	2	000310406
8	235	94	2	000310408

31BM/D6 2-3-4-5-6-8 mm	1	000310420

31L
pin punches, long series

Ø mm	L mm	L1 mm		
4	175	80	5	000310104
5	175	80	5	000310105
6	175	80	5	000310106

31SE
punches for spring pins

Ø mm	D mm	L mm	L1 mm		
4	2,4	175	80	5	000310204
5	3,0	175	80	5	000310205
6	3,6	175	80	5	000310206

31/B6N-LSE **31L:** 4-5-6 mm **31SE:** 4-5-6 mm	1	000310324
2002/BV6	1	020020000

32
centre punches

Ø mm	L mm	L1 mm		
3	100	44	10	000320100
4	125	52	10	000320125
5	150	62	10	000320150

32AU
automatic centre punches

Ø mm	L mm	L1 mm		
3	150	23	2	000320160

32AUR
spare tip for automatic centre punch

Ø mm		
3	5	000320170

34
flat chisels

L mm	A mm	L1 mm		
125	14,5	45	5	000340001
150	17,0	58	5	000340002
175	21,5	68	5	000340003

35
flat chisels, ribbed type

L mm	A mm		
100	14,5	5	000350001
125	17,0	5	000350002
150	20,5	5	000350003
200	23,0	5	000350004
250	28,5	2	000350005
300	34,0	2	000350006

35/S4 150-200-250-300 mm	1	000350506

35PM
flat chisels, ribbed type with hand guards

L mm	A mm		
200	23,0	2	000350014
250	28,5	2	000350015
300	34,0	2	000350016

35PMR
spare hand guards

L mm		
200	1	000350024
250	1	000350025
300	1	000350026

36
cape chisels

L mm	A mm	L1 mm		
125	4	44	5	000360001
150	6	53	5	000360002

37
cape chisels, ribbed type

L mm	A mm	L1 mm		
150	6	45	5	000370001
200	8	55	3	000370002

37PM
cape chisel, ribbed type with hand guard

L mm	A mm		
200	8	2	000370012

37PMR
spare hand guard

L mm		
200	1	000370022

38/B6N 38/SP6

38/B6N	1	000380016
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
2002/BV6	1	020020000
38/SP6	1	000380009
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
38/SPV	1	000380019

BETA'S ICONIC WRENCH

Our epoch-making wrench 42 has a new shape.

A stylish, slim shape enhanced by a slender profile, lighter to the touch.
The strength, resilience and ergonomic design of the Beta wrench reach even higher values, to provide users with the best possible tool.
The manufacturing process is carried out in our factories in Sovico and Sulmona, on the basis of state-of-the-art automation technology and the best trained workers.

RAPID
A 15 degree angle compared to the axis, to reduce the take-up angle

RESILIENT
Remarkable strength: in case of improper use, the wrench buckles, without breaking suddenly and dangerously

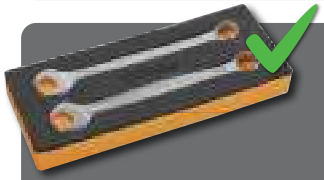
HOMOGENEUS
Pressing is based on a round-section semi-finished product which results in homogeneously distributed fibres, thereby preventing dangerous internal stress formation

ACCESSIBLE
Reduced thickness for improved accessibility

PROTECTED
Nickel-chrome plating provides lasting resistance to external agents and meets the stringent requirements of adhesion tests under ISO 2819

OPTIMIZED
The wrench, which is longer than most competitors', allows high torques to be obtained through reduced effort

ERGONOMIC
The offset ring has a 15 degree angle to protect the hand. The shape is obtained from a die; it is not bent later



CAUTION!
The shape of wrench 42 is perfectly compatible with all the containers and modules of established wrench 42

42
combination wrenches

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711

DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm		
5,5x5,5	95	3,4	5	000421005
6x6	95	3,4	5	000421006
7x7	105	3,6	5	000421007
8x8	116	3,9	5	000421008
9x9	127	4,2	5	000421009
10x10	137	4,5	5	000421010
11x11	148	4,8	5	000421011
12x12	158	5,1	5	000421012
13x13	169	5,6	5	000421013
14x14	180	5,7	5	000421014
15x15	190	6,0	5	000421015
16x16	201	6,3	5	000421016
17x17	212	6,8	5	000421017
18x18	222	7,0	5	000421018
19x19	233	7,5	5	000421019
20x20	243	7,7	3	000421020
21x21	254	7,9	3	000421021
22x22	264	8,3	3	000421022
23x23	275	8,5	3	000421023
24x24	285	8,7	3	000421024
25x25	296	8,7	2	000421025
26x26	307	8,9	2	000421026
27x27	317	9,1	2	000421027
28x28	328	9,3	2	000421028
29x29	338	9,5	2	000421029
30x30	349	9,7	2	000421030
32x32	370	10,1	2	000421032
34x34	391	10,5	1	000421034
35x35	412	10,7	1	000421035
36x36	412	10,7	1	000421036
38x38	433	11,3	1	000421038
41x41	465	12,0	1	000421041

42/B9N 6-7-8-10-11-13-14-17-19 mm	1	000421074
2002/BV9	1	020020030

42/S14 6-7-8-10-11-12-13-14 -15-16-17-19-22-24 mm	1	000421067
42/S17 6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm	1	000421065
42/S15 6-7-8-10-11-12-13-14 17-19-22-24-27-30-32 mm	1	000421066
42/S26 6-7-8-9-10-11-12-13-14 15-16-17-18-19-20-21 22-23-24-25-26-27-28 29-30-32 mm	1	000421070

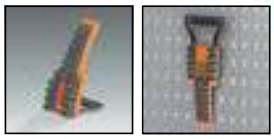
42/SC

set of 8 combination wrenches,
with compact holder

42/SC8 8-10-12-13-14-15-17-19 mm	1	000421086
42/SCV8	1	000421100

42/SP25 6-7-8-9-10-11-12-13-14- 15-16-17-18-19-20-21- 22-23-24-25-26-27-28- 30-32 mm	1	000421085
42/SPV2	1	000420090

42/SP15



42/SPV...

42/SP15 6-7-8-9-10-11-12-13-14-15- 16-17-19-22-24 mm	1	000421078
42/SPV15 **42:** 6-7-8-9-10-11-12-13-14 15-16-17-19-22-24 mm	1	000420102

42AS

combination wrenches,
open and offset ring ends

"	L mm		
1/4x1/4	95	2	000421106
9/32x9/32	106	2	000421107
5/16x5/16	116	2	000421108
3/8x3/8	137	2	000421110
7/16x7/16	148	2	000421111
1/2x1/2	169	2	000421113
9/16x9/16	180	2	000421114
19/32x19/32	191	2	000421115
5/8x5/8	201	2	000421116
11/16x11/16	212	2	000421117
3/4x3/4	233	2	000421119
13/16x13/16	254	2	000421121
7/8x7/8	264	2	000421122
15/16x15/16	285	2	000421124
1x1	296	2	000421125
1.1/16x1.1/16	317	2	000421127
1.1/8x1.1/8	338	2	000421129
1.1/4x1.1/4	370	2	000421132
1.5/16x1.5/16	391	1	000421133
1.3/8x1.3/8	412	1	000421135
1.7/16x1.7/16	412	1	000421136
1.1/2x1.1/2	433	1	000421138

42AS/B9N 1/4-5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4	1	000421159
2002/BV9	1	020020030

42AS/13 1/4-5/16-3/8-7/16-1/2-9/16-5/8 11/16-3/4-13/16-7/8-15/16-1	1	000421163
42AS/16 1/4-5/16-3/8-7/16-1/2-9/16-5/8 11/16-3/4-13/16-7/8-15/16-1- 1.1/16-1.1/8-1.1/4	1	000421166
42AS/17 1/4-9/32-5/16-3/8-7/16-1/2- 9/16-19/32-5/8-11/16-3/4- 13/16-7/8-15/16-1-1.1/16-1.1/8	1	000421168

42MP
combination wrenches, open and offset ring ends, bright chrome-plated

DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	100	5	000421606
7x7	110	5	000421607
8x8	120	5	000421608
9x9	130	5	000421609
10x10	140	5	000421610
11x11	150	5	000421611
12x12	158	5	000421612
13x13	170	5	000421613
14x14	178	5	000421614
15x15	190	5	000421615
16x16	199	5	000421616
17x17	209	5	000421617
18x18	219	5	000421618
19x19	230	5	000421619
20x20	240	3	000421620
21x21	250	3	000421621
22x22	260	3	000421622
24x24	280	3	000421624
27x27	307	3	000421627
30x30	337	3	000421630
32x32	360	3	000421632

42MP/B9 6-7-8-10-11-13-14-17-19 mm	1	000421661
2002/BV9	1	020020030

42MP/S17 6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm	1	000421652
42MP/S21 6-7-8-9-10-11-12-13-14 15-16-17-18-19-20-21-22 24-27-30-32 mm	1	000421653

42LMP
combination wrenches, open and offset ring ends, long series, bright chrome-plated

mm	L mm		
8x8	148	2	000420508
10x10	172	2	000420510
12x12	197	2	000420512
13x13	207	2	000420513
14x14	223	2	000420514
15x15	233	2	000420515
17x17	261	2	000420517
18x18	270	2	000420518
19x19	280	2	000420519
21x21	301	2	000420521
22x22	318	2	000420522
24x24	338	2	000420524
27x27	376	2	000420527
30x30	412	2	000420530
32x32	435	2	000420532

42LMP/S18 8-9-10-11-12-13-14 15-16-17-18-19-21-22 24-27-30-32 mm	1	000420552

45
combination wrenches, open and offset ring ends, heavy series

DIN 3113 UNI-ISO 7738

mm	L mm		
46x46	500	1	000450046
50x50	540	1	000450050
55x55	560	1	000450055
60x60	600	1	000450060
65x65	675	1	000450065
70x70	675	1	000450070
75x75	720	1	000450075
80x80	720	1	000450080

52
single open end wrenches

UNI 6733 DIN 3114

mm	L mm		
10	119	5	000520010
13	145	5	000520013
14	145	5	000520014
15	145	5	000520015
17	159	5	000520017
19	175	5	000520019
20	175	5	000520020
22	196	2	000520022
24	196	2	000520024
25	215	2	000520025
27	215	2	000520027
28	240	2	000520028
30	240	2	000520030
32	270	2	000520032
34	270	1	000520034
35	295	1	000520035
36	295	1	000520036
38	295	1	000520038
40	335	1	000520040
41	335	1	000520041
42	335	1	000520042
45	370	1	000520045
46	370	1	000520046
48	370	1	000520048
50	415	1	000520050
52	415	1	000520052
55	415	1	000520055
60	490	1	000520060
65	490	1	000520065
70	490	1	000520070

53
single open end wrenches DIN 894

mm	L mm		
36	317	1	000530036
38	320	1	000530038
41	342	1	000530041
46	396	1	000530046
50	412	1	000530050
55	457	1	000530055
60	492	1	000530060
65	528	1	000530065
70	572	1	000530070
75	608	1	000530075
80	645	1	000530080
85	690	1	000530085
95	847	1	000530095
100	847	1	000530100
105	1000	1	000530105
110	1000	1	000530110
115	1000	1	000530115
120	1000	1	000530120
125	1000	1	000530125
130	1000	1	000530130
135	1000	1	000530135

55
double open end wrenches

UNI-ISO 10102 DIN 3110

mm	L mm		
4x5	101	5	000550003
5x5,5	101	5	000550006
5,5x7	120	5	000550009
• **6x7**	120	5	000550012
7x8	140	5	000550018
• **8x9**	140	5	000550021
8x10	140	5	000550024
• **10x11**	155	5	000550030
10x12	155	5	000550033
10x13	170	5	000550035
• **12x13**	170	5	000550042
13x17	189	5	000550051
• **14x15**	185	5	000550054
• **16x17**	202	5	000550060
17x19	220	2	000550063
• **18x19**	220	2	000550066
19x22	236	2	000550069
• **20x22**	236	2	000550075
• **21x23**	245	2	000550078
22x24	245	2	000550081
• **24x26**	262	2	000550087
24x27	262	2	000550090
• **25x28**	272	2	000550096
• **27x29**	284	2	000550099
• **30x32**	297	2	000550108
32x36	325	1	000550114
34x36	325	1	000550117
35x38	375	1	000550120
36x41	375	1	000550123
41x46	425	1	000550129
46x50	475	1	000550132
50x55	500	1	000550135
55x60	500	1	000550138

55/B8N 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000550160
2002/BV8	1	020020020
55/B12N 6x7-8x9-10x11-12x13- 14x15-16x17-18x19- 20x22-21x23-24x26- 25x28-30x32 mm	1	000550164
2002/BV12	1	020020040

55/S8 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000550174
55/S12 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm	1	000550178
55/S13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000550182

55/SP7 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1	000550167

55AS
double open end wrenches

"	L mm		
5/16x3/8	140	2	000550212
7/16x1/2	170	2	000550218
19/32x11/16	189	2	000550227
5/8x3/4	202	2	000550233
7/8x15/16	245	2	000550251
1.1/8x1.5/16	297	1	000550266

58
open end slogging wrenches

DIN 133

mm	L mm		
24	177	1	000580024
27	180	1	000580027
30	190	1	000580030
32	190	1	000580032
34	200	1	000580034
36	215	1	000580036
41	235	1	000580041
46	255	1	000580046
50	275	1	000580050
55	300	1	000580055
60	320	1	000580060
65	342	1	000580065
70	375	1	000580070

mm	L mm		
75	375	1	000580075
80	408	1	000580080
85	408	1	000580085
90	445	1	000580090
95	445	1	000580095
100	485	1	000580100
★**105**	485	1	000580105
★**110**	510	1	000580110
★**115**	510	1	000580115
★**120**	545	1	000580120
★**125**	545	1	000580125
★**130**	575	1	000580130
★**135**	575	1	000580135
★**140**	575	1	000580140
★**145**	640	1	000580145
★**150**	640	1	000580150
★**155**	640	1	000580155
★**160**	640	1	000580160
★**165**	715	1	000580165
★**170**	715	1	000580170
★**175**	715	1	000580175
★**180**	715	1	000580180
★**185**	715	1	000580185
★**190**	800	1	000580190
★**195**	800	1	000580195
★**200**	800	1	000580200
★**210**	800	1	000580210
★**220**	800	1	000580220
★**230**	800	1	000580230

73
small double open end wrenches

UNI 6737

mm	L mm		
4x4	78	5	000730040
4,5x4,5	78	5	000730045
5x5	78	5	000730050
5,5x5,5	86	5	000730055
6x6	86	5	000730060
7x7	86	5	000730070
8x8	97	5	000730080
9x9	97	5	000730090
10x10	108	5	000730100
11x11	108	5	000730110
12x12	124	5	000730120
13x13	124	5	000730130
14x14	124	5	000730140

73/B13N 4-4,5-5-5,5-6-7-8-9 10-11-12-13-14 mm	1	000730202
2002/BV13	1	020020050

78
ring slogging wrenches

DIN 7444

mm	L mm		
24	162	1	000780024
27	180	1	000780027
30	190	1	000780030
32	190	1	000780032
34	200	1	000780034
36	205	1	000780036
41	225	1	000780041
46	235	1	000780046
50	250	1	000780050
55	265	1	000780055
60	275	1	000780060
65	295	1	000780065
70	325	1	000780070
75	325	1	000780075
80	350	1	000780080
85	350	1	000780085
90	390	1	000780090
95	390	1	000780095
100	420	1	000780100
105	420	1	000780105
110	450	1	000780110
115	450	1	000780115
★120	490	1	000780120
★125	480	1	000780125
★130	520	1	000780130
★135	520	1	000780135
★140	520	1	000780140
★145	580	1	000780145
★150	580	1	000780150
★155	580	1	000780155
★160	650	1	000780160
★165	650	1	000780165
★170	650	1	000780170
★175	650	1	000780175
★180	650	1	000780180
★185	695	1	000780185
★190	695	1	000780190
★195	695	1	000780195
★200	695	1	000780200
★210	740	1	000780210
★215	740	1	000780215
★220	740	1	000780220
★230	740	1	000780230

78AS
ring slogging wrenches

"	L mm		
★1.1/16	180	1	000780327
★1.1/8	190	1	000780329
★1.3/16	190	1	000780330
★1.1/4	197	1	000780332
★1.5/16	197	1	000780333
★1.3/8	223	1	000780335
★1.7/16	223	1	000780336
★1.1/2	223	1	000780338
★1.5/8	223	1	000780341
★1.11/16	223	1	000780343
★1.13/16	250	1	000780346
★1.7/8	250	1	000780348
★2	250	1	000780350
★2.1/16	250	1	000780352
★2.3/16	275	1	000780355
★2.3/8	302	1	000780360
★2.9/16	302	1	000780365
★2.3/4	350	1	000780370
★2.15/16	350	1	000780375
★3.1/8	354	1	000780380

80
double swivel end socket wrenches

mm	L mm		
6x7	170	3	000800006
8x9	176	3	000800008
8x10	179	3	000800009
10x11	182	3	000800010
12x13	228	3	000800012
14x15	232	3	000800014
13x17	231	3	000800015
16x17	234	2	000800016
18x19	285	2	000800018
20x22	289	2	000800020
24x27	405	2	000800024

80/S8 1 000800051
6x7-8x9-10x11-12x13-14x15
16x17-18x19-20x22 mm

83
half-moon ring wrenches

ISO 3318

mm	L mm		
8x10	126	3	000830008
10x12	137	3	000830010
11x13	138	3	000830011
14x17	183	3	000830014
15x17	184	2	000830015
16x18	196	2	000830016
19x22	231	2	000830019

83/S5 1 000830085
10x12-11x13-15x17-
16x18-19x22 mm

83AS
half-moon ring wrenches

"	L mm		
7/16x1/2	138	2	000830111
9/16x5/8	183	2	000830114
3/4x7/8	230	2	000830119

83AS/3 1 000830181
7/16x1/2-9/16x5/8
3/4x7/8

88
double ended flat ring wrenches, extra-long series

mm	L mm		
8x10	235	2	000880008
12x14	328	2	000880012
13x15	329	2	000880013
16x18	404	2	000880016
17x19	404	2	000880017
21x23	434	2	000880021
22x24	435	2	000880022

88/S7 1 000880107
8x10-12x14-13x15-16x18-
17x19-21x23-22x24 mm

90
double ended deep offset ring wrenches

DIN 838 ISO 10104

mm	L mm		
6x7	165	5	000900006
8x9	180	5	000900012
10x11	195	5	000900018
10x12	195	5	000900021
12x13	215	5	000900027
12x14	215	5	000900030
14x15	230	5	000900033
16x17	250	5	000900039
17x19	265	5	000900042
18x19	265	5	000900045
20x22	285	3	000900051
21x23	305	2	000900057
24x26	325	2	000900063
24x27	325	2	000900067
25x28	340	2	000900070
27x29	355	2	000900073
27x30	355	2	000900076
27x32	375	2	000900078
30x32	375	2	000900080
32x36	395	1	000900088
34x36	415	1	000900089
35x38	415	1	000900091
36x41	435	1	000900094
41x46	460	1	000900097
46x50	500	1	000900100

90/B8N 6x7-8x9-10x11-12x13- 14x15-16x17-18x19- 20x22 mm	1	000900156
2002/BV8	1	020020020

90/S8 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000900162
90/S12 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm	1	000900166
90/S13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000900170

90AS
double ended deep offset ring wrenches

"	L mm		
1/4x5/16	165	2	000900203
5/16x11/32	180	2	000900206
5/16x3/8	180	2	000900209
3/8x7/16	195	2	000900212
7/16x1/2	215	2	000900215
1/2x9/16	230	2	000900218
19/32x11/16	250	2	000900222
5/8x11/16	250	2	000900224
5/8x3/4	265	2	000900227
11/16x3/4	265	1	000900230
3/4x7/8	285	1	000900237
13/16x7/8	285	1	000900240
15/16x1	325	1	000900252
1.1/16x1.1/4	375	1	000900258
1.1/8x1.5/16	375	1	000900261

90AS/10 1/4x5/16-5/16x11/32 3/8x7/16-1/2x9/16 5/8x11/16-11/16x3/4 13/16x7/8-15/16x1 1.1/16x1.1/4-1.1/8x1.5/16	1	000900300

91
heavy duty offset ring wrenches

mm	Ø mm		
24	38	1	000910024
27	41	1	000910027
30	48	1	000910030
32	49	1	000910032
36	54	1	000910036
41	62	1	000910041
46	69	1	000910046
50	76	1	000910050
55	81	1	000910055
60	90	1	000910060
65	98	1	000910065
70	105	1	000910070
75	110	1	000910075
80	125	1	000910080
85	125	1	000910085
90	140	1	000910090
95	140	1	000910095
100	143	1	000910100
105	146	1	000910105

92
tubes for item 91

	L mm	91 mm	Ø mm		
92/1	460	24÷30	19	1	000920010
92/2	610	32÷41	22	1	000920020

93
double-ended offset ring wrench
for scaffolding bolts

mm	L mm		
21x22	310	3	000930021

93C
ratcheting double-ended offset ring wrenches
for scaffolding bolts

mm	L mm		
19x22	310	1	000930119
19x24	365	1	000930120
21x22	310	1	000930121
36x38	445	1	000930136

94
flare nut open ring wrenches

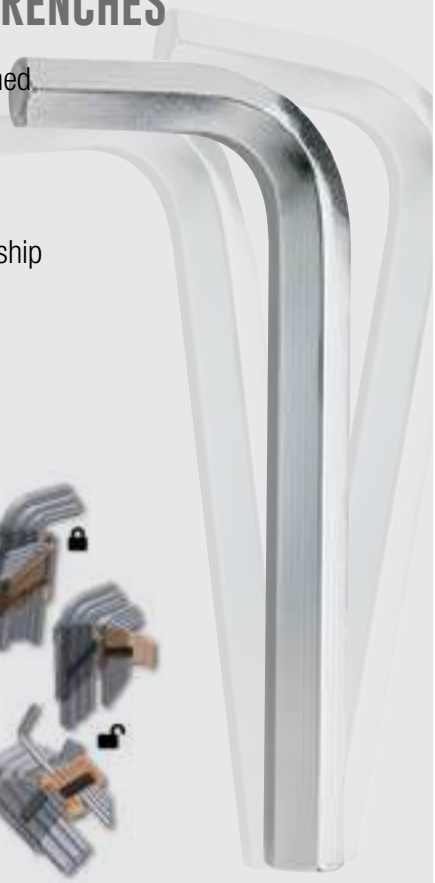
DIN 3118

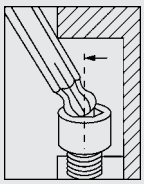
mm	L mm		
8x10	140	2	000940008
9x11	153	2	000940009
10x11	153	2	000940010
11x13	175	2	000940011
12x14	175	2	000940012
14x15	175	2	000940014
17x19	212	2	000940017
19x22	228	2	000940019
22x24	242	2	000940022
24x27	260	2	000940024
30x32	300	2	000940030
36x41	320	1	000940036

94/S6 8x10-10x11-11x13-12x14- 17x19-19x22 mm	1	000940050
94/S10 8x10-9x11-10x11-11x13 12x14-17x19-19x22 22x24-24x27-30x32 mm	1	000940052

OFFSET HEXAGON KEY WRENCHES

Beta's hexagon key wrenches have been designed for long, accurate operation. The wide range covers all use requirements: the extra-short, short, long, extra-long, ball head and T-wrenches as well as the wrenches with high torque handles are among Beta's flagship products and are unrivalled in the market.





The ball head offset hexagon key wrenches allow operation at an angle of up to 30° to the screw axis.

The keys are packaged in a wallet for quick identification of the required size. When closed, it prevents the wrenches, including the smaller ones, from accidentally coming out.

The Color version combines the outstanding features of the standard wrenches with immediate identification of the required size to speed up daily work.

95
double ended flat ring wrenches

DIN 837 ISO 10103

mm	L mm		
6x7	120	3	000950161
8x9	135	3	000950162
10x11	150	3	000950163
12x13	165	3	000950164
14x15	185	3	000950165
16x17	210	3	000950166
17x19	225	3	000950167
20x22	240	2	000950169
21x23	255	2	000950170
24x26	270	2	000950171
25x28	285	2	000950172
27x29	315	2	000950173
30x32	335	2	000950174

95/S13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000950179

95FTX
double-ended straight wrenches, for Torx® head screws

	L mm		
E6xE8	115	2	000950306
E10xE12	143	2	000950310
E14xE18	177	2	000950314
E20xE24	224	2	000950320

95FTX/S4 E6xE8-E10xE12- E14xE18-E20xE24	1	000950325

96
offset hexagon key wrenches chrome-plated

ISO 2936

mm	L	L1		
0,9	35	8	20	000960013
1,3	39	10	20	000960014
1,5	45	15	20	000960015
2	50	17	20	000960020
2,5	57	20	20	000960025
3	64	22	20	000960030
3,5	68	25	20	000960035
4	72	28	20	000960040
4,5	78	30	20	000960045
5	83	32	20	000960050
5,5	88	35	20	000960055
6	94	37	20	000960060
7	99	40	10	000960070
8	105	43	10	000960080
9	111	46	10	000960090
10	119	49	10	000960100
11	126	52	10	000960110
12	134	56	10	000960120
13	142	62	10	000960130
14	151	69	10	000960140
16	165	75	5	000960160
17	174	79	5	000960170
19	196	88	5	000960190
22	216	100	3	000960220
24	242	112	1	000960240
27	271	125	1	000960270
30	309	140	1	000960300
32	341	155	1	000960312
36	385	174	1	000960316

96/ST6 2,5-3-4-5-6-8 mm	3	000960370

96/BG7 2,5-3-4-5-6-8-10 mm	1	000960368

96/B8 2-2,5-3-4-5-6-8-10 mm	5	000960386
96/B10 1,5-2-2,5-3-4-5-6-8-10-12 mm	5	000960380

96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960374
96/SCV	1	000960985

96/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960395

96N

offset hexagon key wrenches, burnished

ISO 2936

mm	L mm	L1 mm		
0,9	32	10	20	000960409
1,3	44	12	20	000960413
1,5	46	15	20	000960415
2	51	17	20	000960420
2,5	57	20	20	000960425
3	64	22	20	000960430
3,5	68	25	20	000960435
4	72	28	20	000960440
4,5	78	30	20	000960445
5	83	32	20	000960450
6	94	37	20	000960460
7	99	40	10	000960470
8	105	43	10	000960480
9	111	46	10	000960490
10	119	49	10	000960500
11	126	52	10	000960510
12	134	56	10	000960520
13	142	62	10	000960530
14	151	69	10	000960540
16	165	72	5	000960560
17	174	79	5	000960570
19	194	88	5	000960590
22	216	99	1	000960592
24	242	111	1	000960594

96N/ST6 2,5-3-4-5-6-8 mm	3	000960640

96N/G7A 1,5-2-2,5-3-4-5-6 mm	3	000960643

96N/B10 1,5-2-2,5-3-4-5-6 8-10-12 mm	5	000960650

96N/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960644

96N/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960661

96C-AS/SC9 1/16-3/32-1/8-5/32-3/16- 7/32-1/4-5/16-3/8	1	000961753

96AS

offset hexagon key wrenches, burnished

"	L mm	L1 mm		
1/20 (0,050")	44	15	20	000960701
1/16	46	16	20	000960702
5/64	50	18	20	000960704
3/32	53	19	20	000960706
7/64	57	21	20	000960708
1/8	60	22	20	000960710
9/64	64	24	20	000960712
5/32	68	25	20	000960714
3/16	75	29	20	000960716
7/32	82	32	20	000960718
1/4	89	35	20	000960720
5/16	103	40	10	000960724
3/8	117	44	10	000960728
7/16	132	49	10	000960730
1/2	149	54	10	000960732

96AS/SC9 1/16-3/32-1/8-5/32-3/16 7/32-1/4-5/16-3/8	1	000960743

96AS/BG7 3/32-1/8-5/32-3/16 1/4-5/16-3/8	1	000960747

96AS/B11 1/20-1/16-5/64-3/32 1/8-5/32-3/16-7/32 1/4-5/16-3/8	1	000960749

96LC

offset hexagon key wrenches,
long series, chrome-plated

ISO 2936

mm	L mm	L1 mm		
2	101	17	20	000960320
2,5	113	20	20	000960321
3	127	22	20	000960322
4	142	28	20	000960324
5	163	32	20	000960326
6	184	37	20	000960327
8	205	43	10	000960329
10	231	49	10	000960331
12	259	56	10	000960332

96LC/SC8 1 000960334
2-2,5-3-4-5-6-8-10 mm

96L

offset hexagon key wrenches,
long series, burnished

ISO 2936

mm	L mm	L1 mm		
2	99	15	20	000960820
2,5	110	17	20	000960825
3	124	19	20	000960830
4	138	24	20	000960840
5	158	27	20	000960850
6	178	31	20	000960860
8	197	35	10	000960880
10	221	39	10	000960900
12	247	44	10	000960920

96L/SC8 1 000960924
2-2,5-3-4-5-6-8-10 mm

96L/SC12 1 000960929
2-2,5-3-3,5-4-4,5-5
6-7-8-9-10 mm

96BP-CL/SC9 1 000961619
1,5-2-2,5-3-4-5-6-8-10 mm

96BPC

ball head offset hexagon key wrenches
chrome-plated

mm	L mm	L1 mm		
1,5	79	13	10	000960340
2	84	15	10	000960341
2,5	89	17	10	000960342
3	99	19	10	000960343
4	108	24	10	000960344
5	126	27	10	000960345
6	148	31	10	000960346
7	157	33	5	000960353
8	168	35	5	000960347
10	187	39	5	000960348
12	220	55	5	000960352

96BPC/SC9 1 000960354
1,5-2-2,5-3-4-5-6-8-10 mm
96BPC/SCV 1 000960984

96BP

ball head offset hexagon key wrenches
burnished

mm	L mm	L1 mm		
1,5	79	13	10	000960960
2	84	15	10	000960961
2,5	89	17	10	000960962
3	99	19	10	000960963
4	108	24	10	000960965
5	126	27	10	000960967
6	148	31	10	000960968
8	168	35	5	000960970
10	187	39	5	000960972
12	220	55	5	000960973

96BP/SC9 1 000960974
1,5-2-2,5-3-4-5-6-8-10 mm
96BP/SCV 1 000960988

96BP-HO/SC9

set of 9 ball head offset hexagon key
wrenches,
with screw holding system

96BP-HO/SC9 1 000961254
1,5-2-2,5-3-4-5-6-8-10 mm

96LBP

ball head offset hexagon key wrenches,
extra-long model

mm	L mm	L1 mm		
2,5	112	20	5	000961342
3	127	22	5	000961343
4	144	27	5	000961344
5	163	32	5	000961345
6	184	37	5	000961346

96LBP/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000961354
96LBP/SCV	1	000961984

96BP-AS/SC9 1/16-3/32-1/8-5/32-3/16 7/32-1/4-5/16-3/8	1	000961000

96BPA

ball head offset hexagon key wrenches, 110°, extra-short side model

mm	L mm	L1 mm		
1,5	71	9	5	000961960
2	86	11	5	000961961
2,5	96	13	5	000961962
3	104	15	5	000961963
4	116	17	5	000961964
5	132	19	5	000961965
6	155	21	5	000961966
8	176	24	2	000961968
10	200	27	2	000961970

96BPA/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000961974
96BPA/SCV	1	000961988

96T OFFSET HEXAGON KEY WRENCHES

with high torque handles

Rapid and easy to handle

The small-size handle is perfectly balanced to quickly rotate in the palm of the hand.
The ergonomic shape allows extremely high torques to be applied.

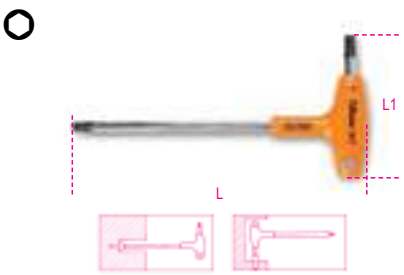
The hexagon ends have been designed to transmit the maximum possible torque to the screw.

The round blade has a homogenous frame compared to the hexagon blade and provides increased strength.

Blade passes through handle

96T

offset hexagon key wrenches, with high torque handles



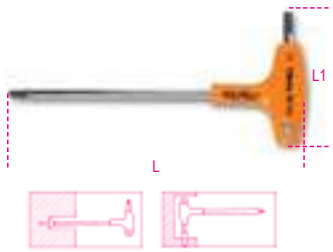
mm	L mm	L1 mm		
2	139	52	5	000960934
2,5	153	55	5	000960935
3	153	55	5	000960936
3,5	179	70	5	000960937
4	179	70	5	000960938
4,5	200	84	5	000960939
5	200	84	5	000960940
6	221	103	5	000960941
7	236	106	3	000960942
8	255	117	3	000960943
10	285	132	3	000960945

96T/S5P 2,5-3-4-5-6 mm	1	000960946
96T/S6 2-2,5-3-4-5-6 mm	1	000960952
96T/S8 2-2,5-3-4-5-6-8-10 mm	1	000960933
96T/S11 2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm	1	000960951

96T/SP11 2-2,5-3-3,5-4-4,5-5 6-7-8-10 mm	1	000960957
96T/SPV 96T/S11 97TTX/S11	1	000960958

96T/AS

offset hexagon key wrenches, with high torque handles



"	L mm	L1 mm		
3/32	153	55	2	000960669
7/64	153	55	2	000960670
1/8	179	70	2	000960671
9/64	179	70	2	000960672
5/32	200	84	2	000960673
3/16	200	84	2	000960674
7/32	221	103	2	000960675
1/4	236	106	2	000960676
5/16	255	117	2	000960678
3/8	285	132	2	000960680

96T/AS10 3/32-7/64-1/8-9/64-5/32 3/16-7/32-1/4-5/16-3/8	1	000960683

96TBP

ball head offset hexagon key wrenches with high torque handles

mm	L mm	L1 mm		
2,5	153	55	3	000960685
3	153	55	3	000960686
4	179	70	3	000960687
5	200	84	3	000960688
6	221	103	3	000960689
8	255	117	2	000960690
10	285	132	2	000960692

96TBP/S6 1 000960694
2,5-3-4-5-6-8 mm

97TX

offset key wrenches, for Torx® head screws

T	L mm	L1 mm		
T6	42	16	5	000970006
T7	48	16	5	000970007
T8	48	16	5	000970008
T9	48	16	5	000970009
T10	51	17	5	000970010
T15	54	18	5	000970015
T20	57	19	5	000970020
T25	60	20	5	000970025
T27	64	21	5	000970027
T30	70	24	5	000970030
T40	76	26	5	000970040
T45	83	29	5	000970045
T50	95	32	5	000970050
T55	108	35	5	000970055
T60	120	38	5	000970060

97TX/ST8 1 000970640
T9-T10-T15-T20-T25
T27-T30-T40

97TX/BG8 1 000970368
T9-T10-T15-T20-T25-T27-T30-T40

97TX/SC8 1 000970064
T9-T10-T15-T20-T25
T27-T30-T40

97TX/B13 1 000970650
T6-T7-T8-T9-T10-T15-T20
T25-T27-T30-T40-T45-T50

97BTX/SC8 1 000970164
T9-T10-T15-T20-T25-T27-T30-T40

97BTX-C/SC8 1 000971658
T9-T10-T15-T20-T25-T27-T30-T40

97BTXL/SC8 1 000970364
T9-T10-T15-T20-
T25-T27-T30-T40

97RTX/SC8 1 000970263
T9-T10-T15-T20-T25
T27-T30-T40

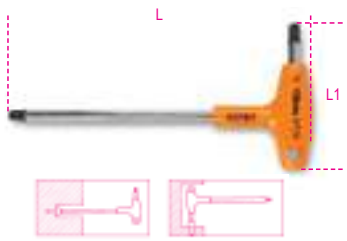
97BRTXL/SC8

set of 8 ball head offset key wrenches, long model, for Tamper Resistant Torx® head screws

97BRTXL/SC8 1 000970464
T9-T10-T15-T20-
T25-T27-T30-T40

97TTX

offset key wrenches with handles for Torx® head screws



T	L mm	L1 mm		
T6	130	52	3	000970706
T7	130	52	3	000970707
T8	139	52	3	000970708
T9	139	52	3	000970709
T10	179	70	3	000970710
T15	179	70	3	000970715
T20	179	70	3	000970720
T25	179	70	3	000970725
T27	200	84	3	000970727
T30	200	84	3	000970730
T40	221	103	3	000970740
T45	236	106	2	000970745
T50	255	117	2	000970750

97TTX/S6 1 000970791
T10-T15-T20-T25-T30-T40

97TTX/S13 1 000970813
T6-T7-T8-T9-T10-T15-T20-T25
T27-T30-T40-T45-T50

97TTX/SP11 1 000970840
T8-T9-T10-T15-T20-T25
T27-T30-T40-T45-T50

96T/SPV 1 000960958
96T/S11
97TTX/S11

98XZN/B5 M5-M6-M8-M10-M12	1	000980650

99
hook wrenches with square noses,
for ring nuts UNI/ISO 2982, 2983

UNI 6752

mm	A mm		
12-14	1,5	3	000990012
16-18-20	1,8	3	000990016
22-25-28	1,8	3	000990022
30-32	2,1	3	000990030
34-36-38	2,4	3	000990034
40-42	2,4	3	000990040
45-50	2,5	3	000990045
52-55-58	2,5	3	000990052
62-65	3,1	3	000990062
68-70-75	3,1	3	000990068
80-85-90	3,8	2	000990080
92-95	4,3	2	000990092
98-100	4,3	2	000990098
105-110-115	4,4	1	000990105
120-125-130	4,9	1	000990120
135-145	6,0	1	000990135
155-165	6,0	1	000990155

99SQ
hook wrenches with square noses
for ring nuts

mm	A mm		
15-35	2,7	2	000990215
35-50	3,5	2	000990235
50-80	4,7	2	000990250
80-120	6,2	2	000990280
120-180	7,8	2	000990290

99ST
hook wrenches with round noses
for ring nuts

mm	Ø mm	B mm		
15-35	3,0	2,5	2	000990315
35-50	4,0	4,5	2	000990335
50-80	5,0	5,0	2	000990350
80-120	6,0	7,0	2	000990380
120-180	8,0	9,0	2	000990390

99 VN/...
spare nose for item 99ST

	mm		
99ST VN/50	50-80	1	000990297
99ST VN/80	80-120	1	000990298
99ST VN/120	120-180	1	000990299

100
round pin wrench for ring nuts
with front holes

Ø mm	L mm	Ø mm		
4,8-5,8 **6,9-7,9**	250	18÷100	1	001000001

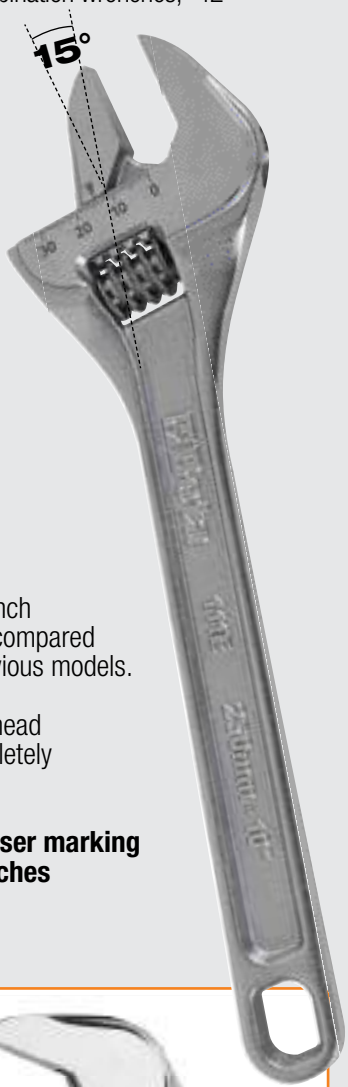
100/KIT
spare pins for item 100

100/KIT	1	001000010

111E ADJUSTABLE WRENCHES WITH SCALES

The adjustable wrenches with scales, Beta **111E**, allow differently sized nuts and bolts to be tightened and loosened through the sliding jaws, which can be adjusted through the central rolls.

Head angled at **15°**, allowing hardly accessible spaces to be reached, as is the case with our iconic combination wrenches, “42”



Wide wrench
opening compared
to the previous models.

Compact head
with completely
open jaw

Double laser marking
in mm/inches

Based on the new ergonomic properties, weight has been reduced by 20% compared to the previous models.
Made from high-performance alloy steel for increased mechanical torsional strength
Special heat treatment for **excellent wear resistance**
Hole on handle for hanging wrench

111E
adjustable wrenches with scales, chrome-plated

- **Right-hand rotation of pin**
- **Mm/inch scale**

DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110110
150	6	24	3	001110115
200	8	29	3	001110120
250	10	34	3	001110125
300	12	40	3	001110130
380	15	45	3	001110138
450	18	54	2	001110145
600	24	62	1	001110160

111E/D3 150-200-250 mm	1	001110163

111EN
adjustable wrenches with scales, phosphated

- **Left-hand rotation of pin**
- **Mm/inch scale**

DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110410
200	8	29	3	001110420
300	12	40	3	001110430
380	15	45	3	001110438

111ER
reversible jaw adjustable wrenches with scales, chrome-plated

- **Reversible jaw**
- **Right-hand rotation of pin**
- **Mm/inch scale**

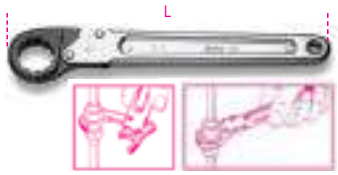
L mm	L "	A max mm	Ø max "		
200	8	29	3/4	3	001110520
250	10	34	1	3	001110525
300	12	40	1.1/4	2	001110530

111CM
wide opening adjustable wrenches, chrome-plated, short series

- **Wide opening**
- **Right-hand rotation**
- **Mm/inch scale**

L mm	L "	A max mm		
220	8	38	3	001110722
270	10	46	3	001110727

120
ratchet opening single ended bi-hex wrenches



mm	L mm		
⬡**10**	135	1	001200010
11	135	1	001200011
12	135	1	001200012
13	135	1	001200013
14	135	1	001200014
17	185	1	001200017
19	185	1	001200019
22	230	1	001200022
24	230	1	001200024
27	230	1	001200027
30	320	1	001200030
32	320	1	001200032

120/B6N 10-11-13 17-19-22 mm	1	001200060
2002/BVL6	1	020020010

123Q1/4
quick release adaptor, 1/4", for 10 mm ratcheting wrenches

1/4"

⬡ mm	L mm		
10	17,5	1	001230310

123Q3/8
quick release adaptor, 3/8", for 13 mm ratcheting wrenches

3/8"

⬡ mm	L mm		
13	22,5	1	001230313

123Q1/2
quick release adaptor, 1/2", for 19 mm ratcheting wrenches

1/2"

⬡ mm	L mm		
19	30,5	1	001230319

123/K4
kit with 4 adapters for ratchet wrenches:
1 bit adapter
3 quick release adapters

123/K4	1	001230504

141
ratcheting combination wrenches, straight series

ISO 21982:2020

mm	L mm		
8x8	136	3	001410008
9x9	143	3	001410009
10x10	160	3	001410010
11x11	168	3	001410011
12x12	174	3	001410012
13x13	180	3	001410013
14x14	193	2	001410014
15x15	200	2	001410015
16x16	216	2	001410016
17x17	233	2	001410017
18x18	239	2	001410018
19x19	250	2	001410019

141/B6 8-10-13-14-17-19 mm	1	001410066
141/B9 8-10-11-12-13-14-15-17-19 mm	1	001410069

142
RATCHETING WRENCHES

The rapid 72-tooth ratchet provides a take-up angle of no more than 5°, thereby resulting in quick, accurate tightening

❶ The fixed mouth makes strong tightening possible, based on the long shank.

❷ The built-in reversing lever avoids any risk of accidental reversal.

❸ The bi-hex ring end is angled at 15°, to protect the hand and allow easier access.

❹ The fixed head is angled at 15° to the axis, thereby resulting in a reduced take-up angle.

142
reversible ratcheting combination wrenches

ISO 21982:2020

mm	L mm		
6x6	136	3	001420006
7x7	136	3	001420007
8x8	136	3	001420008
9x9	143	3	001420009
10x10	159	3	001420010
11x11	168	3	001420011
12x12	174	3	001420012
13x13	180	3	001420013
14x14	190	2	001420014
15x15	200	2	001420015
16x16	216	2	001420016
17x17	233	2	001420017
18x18	239	2	001420018
19x19	248	2	001420019
21x21	285	1	001420021
22x22	285	1	001420022
24x24	325	1	001420024
27x27	355	1	001420027
30x30	420	1	001420030
32x32	420	1	001420032
34x34	480	1	001420034
36x36	480	1	001420036
38x38	480	1	001420038

142/B6 8-10-13-14-17-19 mm	1	001420066
142/B9 8-10-11-12-13-14-15-17-19 mm	1	001420069

142/S15 6-7-8-9-10-11-12-13 14-15-16-17-18-19-22 mm	1	001420074
142/S17 6-7-8-10-11-12-13-14-15- 16-17-18-19-21-22-24-27 mm	1	001420068
142/S19 6-7-8-9-10-11-12 13-14-15-16-17-18 19-22-24-27-30-32 mm	1	001420075

142/SC
set of 8 reversible ratcheting combination wrenches, with compact holder

142/SC8 8-10-12-13-14-15-17-19 mm	1	001420086
42/SCV8	1	000421100

142AS
reversible ratcheting combination wrenches

"	L mm		
5/16x5/16	136	2	001420308
3/8x3/8	159	2	001420310
7/16x7/16	168	2	001420311
1/2x1/2	180	2	001420313
9/16x9/16	190	2	001420314
5/8x5/8	216	2	001420316
11/16x11/16	233	2	001420317
3/4x3/4	248	2	001420319

142AS/8 5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4	1	001420330

142C
ratcheting combination wrenches, straight short series

ISO 21982:2020

mm	L mm		
8x8	88	2	001420108
9x9	96	2	001420109
10x10	96	2	001420110
11x11	100	2	001420111
12x12	104	2	001420112
13x13	108	2	001420113
14x14	114	2	001420114
15x15	118	2	001420115
16x16	122	2	001420116
17x17	128	2	001420117
18x18	132	2	001420118
19x19	138	2	001420119

142C/A12 8-9-10-11-12-13-14 15-16-17-18-19 mm		1	001420175

142SN
swivel end ratcheting combination wrenches

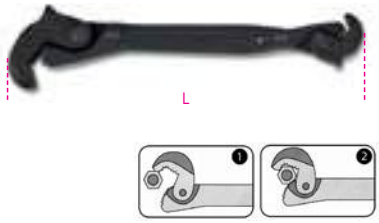
ISO 21982:2020

mm	L mm		
7x7	136	2	001420207
8x8	136	2	001420208
9x9	143	2	001420209
10x10	160	2	001420210
11x11	168	2	001420211
12x12	174	2	001420212
13x13	180	2	001420213
14x14	193	2	001420214
15x15	200	2	001420215
16x16	216	2	001420216
17x17	233	2	001420217
18x18	239	2	001420218
19x19	250	2	001420219
22x22	285	1	001420222
24x24	325	1	001420224

142SN/S13 7-8-9-10-11-12-13-14 15-16-17-18-19 mm		1	001420263

186
self-locking wrench with automatic take-up device
for hexagons, 8 to 32 mm

Ideal for hexagon, Spline, square and Torx® head screws, including damaged screws.



L mm		
260	1	001860008

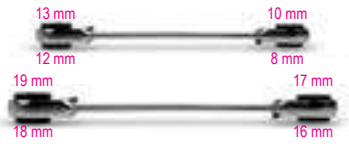
187
swivelling, openable wrenches

mm	L mm		
8x9	125	1	001870008
10x11	155	1	001870010
12x13	175	1	001870012
14x16	205	1	001870014
16x17	235	1	001870016

187/B5 8x9-10x11-12x13 14x15-16x17 mm		1	001870050

192
reversible ratcheting double-ended flat bi-hex ring wrenches, 4 in1

mm	L mm		
8x10/12x13	160	1	001920008
16x17/18x19	230	1	001920016



192/S2 8x10/12x13 mm 16x17/18x19 mm		1	001920070

194
reversible ratcheting wrench for bits

⬡	L mm		
1/4x5/16	128	2	001940006

195
ratcheting double-ended flat bi-hex ring wrenches

ISO 21982:2020

mm	L mm		
8x10	128	2	001950010
12x13	170	2	001950013
14x15	190	2	001950015
16x18	230	2	001950018
17x19	230	2	001950019

195/B5 8x10-12x13-14x15 16x18-17x19 mm		1	001950066

195P
reversible ratcheting double-ended offset bi-hex ring wrenches, bent at 15°

ISO 21982:2020

mm	L mm		
8x10	128	2	001950210
12x13	170	2	001950213
14x15	190	2	001950215
16x18	230	2	001950218
17x19	230	2	001950219

195P/B5 8x10-12x13-14x15 16x18-17x19 mm		1	001950266

310
polywelder for PE, PP, PVC and PVDF pipes and fittings

CE

Ø mm		
310/2	16÷63	1 003100002

310B
forms for polywelder item 310

Ø mm		
16	1	003100016
20	1	003100020
25	1	003100025
32	1	003100032
40	1	003100040
50	1	003100050
63	1	003100063

310/C8
polywelder with assortment of 7 forms

310/C8 310/2+310B: Ø 16-20-25 32-40-50-63 440x270x120 mm - 7,7 kg	1	003100108

311
heating plates for manual straight and slanted welding of PE pipes

	Ø mm	Watt		
311/1	120	300	1	003110001
311/2	190	900	1	003110002

FIELD OF USE OF BETA'S PIPE CUTTERS

Beta's pipe cutters cover a wide range of applications. They rely on accurate, smooth rollers and screw or telescopic feed to make accurate, clean cuts possible on all the materials used for pipes.

The table below shows the pipe cutter / cutter wheel combinations for each material.

	STEEL GAS PIPES		
	10 mm 1/8"	60 mm 2"	115 mm 4"
330/2			
330/4			

	STAINLESS STEEL GAS PIPES		
	10 mm 1/8"	60 mm 2"	115 mm 4"
330/2 + 330R/I2			
330/4 + 330R/I4			

	COPPER AND LIGHT ALLOY PIPES							
	3 mm 1/8"	6 mm 1/4"	8 mm 5/16"	16 mm 5/8"	28 mm 1"1/8	30 mm	38 mm 1"1/2	67 mm 2"5/8
332								
334								
336								
338								

	THIN-WALLED STAINLESS STEEL PIPES							
	3 mm 1/8"	6 mm 1/4"	8 mm 5/16"	16 mm 5/8"	28 mm 1"1/8	30 mm	38 mm 1"1/2	67 mm 2"5/8
332 + 334R/I								
334 + 334R/I								
336 + 338R/I								
338 + 338R/I								

	PLASTIC PIPES							
	6 mm 1/4"	8 mm 5/16"	16 mm 5/8"	30 mm 1"1/8	38 mm 1"1/2	50 mm 2"	67 mm 2"5/8	127 mm 5"
336 + 338RP								
338 + 338RP								

330
pipe cutters for steel gas pipes

	Ø mm - "	L mm		
330/2	10÷60 1/8"÷ 2"	380	1	003300002
330/4	60÷115 2"÷ 4"	585	1	003300004

330R/A
spare cutters for item 330 wheels for steel pipes

	Ø mm	S mm		
330R/A2	32	7	1	003300012
330R/A4	42	9	1	003300014

330R/I
spare cutter wheel for item 330 for stainless steel pipes

	Ø mm	S mm		
330R/I2	32	7	1	003300024
330R/I4	32	9	1	003300034

331C
portable C-shaped pipe cutter for copper and light alloy pipes

Ø mm	L mm		
15÷22	78	1	003310050

332
mini pipe cutter for copper and light alloy pipes

Ø mm - "	L mm		
3÷16 1/8"÷5/8"	59	2	003320001
3÷28 1/8"÷1"1/8	63	2	003320003

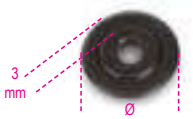
334
pipe cutter for copper and light alloy pipes

Ø mm - "	L mm		
3÷30 1/8"÷1"1/8	150	1	003340001

334R
spare cutter wheel for items 332 and 334 for copper and light alloy pipes

	D mm		
334R	18	1	003340021

334R/I
spare cutter wheel for items 332 and 334 for stainless steel pipes



	D mm		
334R/I	18	1	003340023

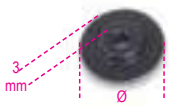
336
telescopic pipe cutter for copper and light alloy pipes

Ø mm - "	L mm		
6÷38 1/4"÷1"1/2	160	1	003360001

338
telescopic pipe cutter, fast advance for copper, light alloys and plastic pipes

Ø mm - "	L mm		
6÷67 1/4"÷2"5/8	290	1	003380001

338R
spare cutter wheel for items 331L, 336 and 338 for copper and light alloy pipes



	Ø mm		
338R	18,5	1	003380022

338R/I
spare cutter wheel for items 336 and 338 for stainless steel pipes

	Ø mm		
338R/I	21,8	1	003380023

338RP
spare cutter wheel for items 336 and 338 for plastic pipes

	Ø mm		
338RP	21,9	1	003380025

340
multilayer pipe cutting pliers, max. Ø 26 mm

PTFE-coated blade
4 support rollers making it easier to rotate pipe during cutting jobs
system for cutting corrugated pipes built into handle
lightweight magnesium body

Ø max mm		
26	1	003400001

340C
corrugated pipe cutting pliers

- **pliers made of alloy aluminium and magnesium**
- **compact, pocket-size, lightweight**
- **additional blade for lengthwise cutting**

Ø mm	L mm		
14-45	134	1	003400050

340C/KRL
kit of 3 spare blades for 340C

340C/KRL	1	003400055

341
pipe cutting pliers for plastic pipes

Ø mm	L mm		
0÷25	190	1	003410001

341RL
spare blade for item 341

341RL	1	003410010

341B
ratchet-type shears for plastic pipes

Ø mm	L mm		
0÷35	195	1	003410051

341B/RM
spare spring for item 341B

341B/RM	1	003410061

341B/RL
spare blade for item 341B

341B/RL	1	003410060

342
Ratchet-type shears
for plastic pipes

Ø mm - "	L mm		
0÷42 1"5/8	200	1	003420030

342MOL
spare spring for item 342

342MOL	1	003420033

342RL
spare blade for item 342

342RL	1	003420032

342A
ratchet-type shears for plastic pipes

Ø mm - "	L mm		
0÷50 2"	270	1	003420101

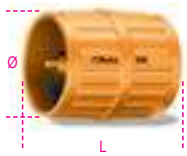
342A/RL
spare blade for item 342A

342A/RL	1	003420110

342P
ratchet-type shears for plastic pipes, made from magnesium alloy

Ø mm - "	L mm		
0÷50 2"	260	1	003420121

345
pipe reamer metal body



Ø mm - "	L mm		
3÷42 1/8"÷1"5/8	58	5	003450001

345U
pipe reamer for stainless steel, steel, copper and light alloys

Ø mm - "	L mm		
4÷36 5/32÷1"7/16	60	1	003450050

345U/A
adapter for pipe reamer 345U, 1/4" hexagon drive, for power drivers

1/4"

L mm		
90	3	003450055

345C
multilayer pipe gauge

Ø mm		
16-20-26-32	1	003450032

345SB
deburrer with revolving replacement blade

L mm		
150	5	003450010

345SB/R
spare blade for item 345SB

345SB/R	3	003450015

345SB2
deburrer with fixed blade

L mm		
140	5	003450022

345SC
4-in-1 brush for inside and outside diameters, 1/2" and 3/4"

L mm	L1 mm	L2 mm		
195	28	32	2	003450060

345SI
deburrer for internal use, with revolving replacement blade

L mm	Ø mm		
168	16,5	1	003450040

345SI/R
spare blade for item 345SI

345SI/R	1	003450045

349
tube flaring tool with clutch, for copper and light alloy pipes

3/8"

Ø mm - "		
6-8-10-12-14-15-16-18 (1/8-3/16-1/4-5/16 3/8-1/2-5/8-3/4)	1	003490001

270x200x50 mm - 2,7 kg

349/SMM
metric slide for item 349

Ø mm		
6-8-10-12-14-15-16-18	1	003490011

349/SMAS
inch slide for item 349

Ø "		
1/8-3/16-1/4-5/16 3/8-1/2-5/8-3/4	1	003490012

350
tube flaring tool for copper and light alloy pipes

Ø mm	L mm	A mm		
4-4,75-6-8 10-12-14	175	104	1	003500001

351C
pipe cutter and tube flaring tool

351C	1	003510010

334	Ø 3÷30 mm (1/8"÷1"1/8)
350	Ø 4÷14 mm
351P	Ø 4-4,75-6-8-10-12-14 mm

225x150x45 mm - 1,6 kg

351P
inserts for tube flaring tool item 350

	Ø mm		
351P 4	4	3	003510101
351P 4,75	4,75	3	003510102
351P 6	6	3	003510103
351P 8	8	3	003510104
351P 10	10	3	003510105
351P 12	12	3	003510106
351P 14	14	3	003510107

352U
adjustable tube flaring tool
for copper and light alloy pipes

Ø mm - "	A mm		
5÷16 3/16÷5/8	130	1	003520101

352C/U
pipe cutter, deburrer and adjustable tube flaring tool

352C/U	1	003520110

334 Ø 3÷30 mm (1/8"÷1"1/8)
345SB
352U Ø 5÷16 mm (3/16"÷5/8")
335x145x60 mm - 2120 g

355
combination spud wrench, five steps

12"

Ø "	L mm		
3/8"-1/2" 3/4"-1"	90	2	003550001

358
tools for chamfering plastic pipes

	Ø mm		
358/1	16÷110	1	003580001
358/2	40÷250	1	003580002

359
universal drain wrench

Ø "	L mm	A mm		
1"÷1"1/4	160	140	1	003590001

359CH
drain adaptor, cross-shape for item 359

Ø "	L mm		
1"1/2	74	1	003590005

360
pipe wrenches, Stillson pattern

L mm	Ø max "	Ø max mm		
250	1" gas	34	1	003600025
350	1"1/2 gas	49	1	003600035
450	2" gas	60	1	003600045
600	2"1/2 gas	76	1	003600060
900	3"1/2 gas	102	1	003600090

360R/...
spare parts kit for item 360
with moving jaw and ring nut.

360R 900	1	003600290

361N
adjustable lever pipe wrench

L mm	Ø max"	Ø max mm		
350	1" 1/2	49	1	003610014

362
heavy duty pipe wrenches

L mm	Ø max "	Ø max mm		
200	1" gas	34	1	003620020
250	1"1/2 gas	49	1	003620025
300	2" gas	60	1	003620030
350	2" gas	60	1	003620035
450	2"1/2 gas	76	1	003620045
600	3" gas	90	1	003620060
900	5" gas	140	1	003620090

362R/...
spare parts kit for item 362
with: fixed jaw, moving jaw; ring nut; lockpin.

362R 600	1	003620260
362R 900	1	003620290

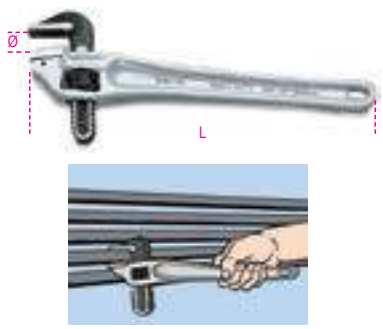
363
heavy duty pipe wrenches
made from light alloy

L mm	Ø max "	Ø max mm		
350	2" gas	60	1	003630035
450	2"1/2 gas	76	1	003630045
600	3" gas	90	1	003630060
900	5" gas	140	1	003630090
1200	6" gas	165	1	003630120

363R/...
spare parts kit for item 363
with: fixed jaw; moving jaw; ring nut; lockpin.

363R 600	1	003630260
363R 900	1	003630290
363R 1200	1	003630320

365
heavy duty pipe wrenches,
offset pattern made from light alloy



L mm	Ø max "	Ø max mm		
350	2" gas	60	1	003650035
450	2"1/2 gas	76	1	003650045

365R/...
spare parts kit for item 365
with: fixed jaw; moving jaw; ring nut; lockpin.

365R 450	1	003650245

366
pipe wrenches, light pattern

L mm	Ø max "	Ø max mm		
175	1" gas	34	1	003660017
275	2" gas	60	1	003660027

374
pipe wrenches,
Swedish pattern, 45° slim jaws

DIN 5234

L mm	Ø max "	Ø max mm		
240	1/2" gas	21	1	003740024
320	1" gas	34	1	003740032
410	1"1/2 gas	49	1	003740041
550	2" gas	60	1	003740055
630	3" gas	90	1	003740063

375
pipe wrench, Swedish pattern,
45° flat jaws

DIN 5234

L mm	Ø max "	Ø max mm		
320	1" gas	34	1	003750032
410	1"1/2 gas	49	1	003750041
550	2" gas	60	1	003750055

376
pipe wrenches,
Swedish pattern, 90° flat jaws

DIN 5234

L mm	Ø max "	Ø max mm		
320	1" gas	34	1	003760032
410	1"1/2 gas	49	1	003760041
550	2" gas	60	1	003760055
630	3" gas	90	1	003760063

378
pipe wrenches,
Swedish pattern, 45° slim jaws

DIN 5234

L mm	Ø max "	Ø max mm		
320	1" gas	34	1	003780032
410	1"1/2 gas	49	1	003780041
550	2" gas	60	1	003780055
650	3" gas	90	1	003780065

374R/...
complete spare parts kit for items 374 - 375 - 376 - 378
with ring nut and ring nut stop

374R 410 x 374/410-375/410-376/410-378/410	1	003740741
374R 550 x 374/550-376/550-378/550	1	003740755
374R 630 x 374/630-378/650	1	003740763

383
reversible strip pipe wrenches

	Ø max "	Ø max mm	L mm		
383/1	3" gas	90	300	1	003830001
383/2	8" gas	220	300	1	003830002

383R
spare strips for item 383

	S mm		
383R/2	27	1	003830015

384
reversible chain pipe wrench

Ø max "	Ø max mm	L mm		
4" gas	115	300	1	003840032

384RC
spare chain for item 384

384RC	1	003840033

386A
heavy duty reversible
chain pipe wrenches

	Ø max	L mm		
386A/1	4" gas 115 mm	900	1	003860001
386A/2	6" gas 168 mm	900	1	003860002
386A/5	8" gas 220 mm	1100	1	003860005
386A/6	12" gas 324 mm	1300	1	003860006

386A/RC
spare chains for item 386A

386A1/RC	1	003860011
386A2/RC	1	003860012
386A5/RC	1	003860015
386A6/RC	1	003860016

387
pipe bender for copper and nonferrous metal pipes,
with interchangeable forms
3/16"-1/4"-5/16"-3/8"

L mm	Ø "		
255	3/16"-1/4"-5/16"-3/8"	1	003870001

387R
spare forms for item 387

Ø "		
3/16"-1/4"	1	003870010
5/16"-3/8"	1	003870015

388
pipe benders for thin walled copper, light alloy and mild steel pipes

Ø mm	L mm	R mm		
6	305	18,0	1	003880006
8	315	23,5	1	003880008
10	350	31,0	1	003880010
12	360	31,0	1	003880012
15	465	46,5	1	003880015

388A
pipe bending pliers for thin walled copper and light alloy pipes

	Ø	L mm		
388A/1	6-8-10 mm	220	1	003880051
388A/2	1/4"-5/16"-3/8"	220	1	003880055

388C/C8
pipe bender with 7 forms
for thin walled copper and light alloy pipes

	Ø mm		
388C/C8	10-12-14-16 18-20-22	1	003880200

400x330x110 mm - 3,6 kg

392C
adjustable drain tap pliers

Ø mm	L mm		
25÷65	260	1	003920100

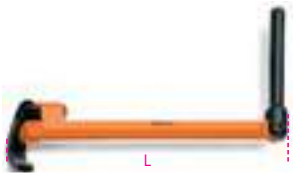
392RG/C
spare jaw protectors for item 392C, pair

392RG/C	1	003920101

393
water tap wrench

L mm		
270	1	003930001

395
hinged water tap wrench



	L mm		
15÷32 mm 5/8"÷1"1/4	240	1	003950001

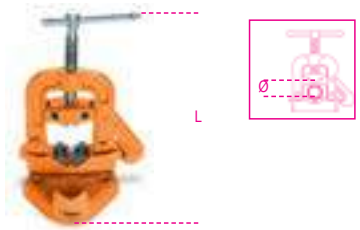
395T
telescopic hinged water tap wrench

	L mm		
10÷32 mm 3/8"÷1"1/4	250÷430	1	003950100

398
workbench chain vices

Ø	L mm		
1/2÷8"	250	1	003980008

399
pivoting clamp vices

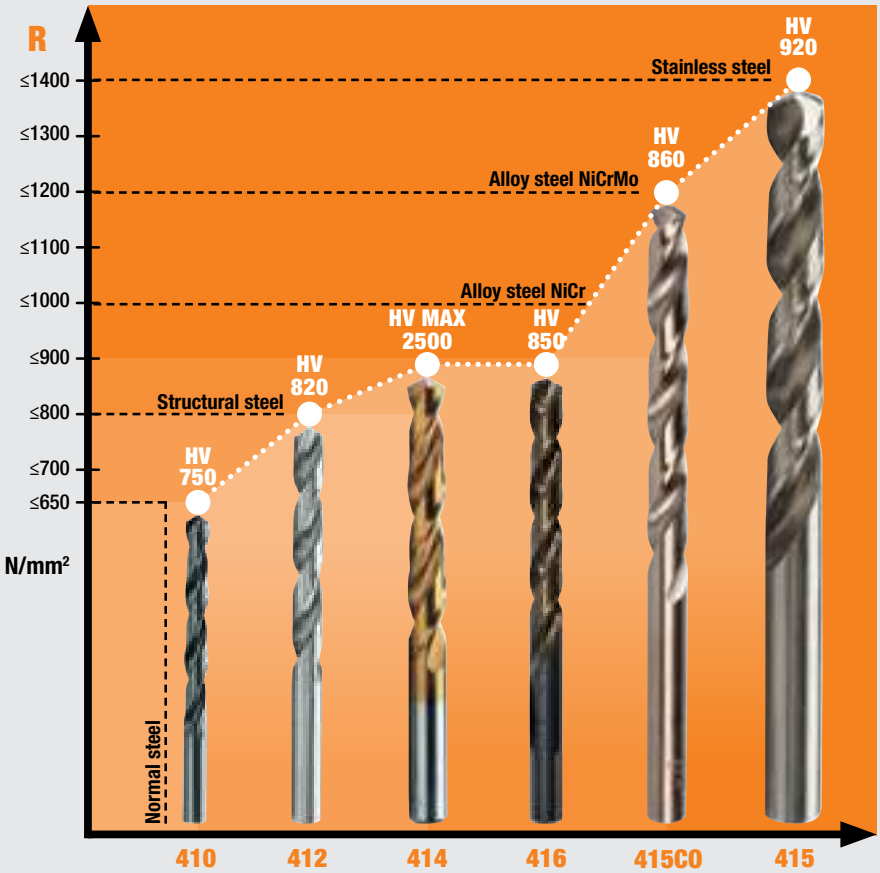


Ø	L min mm		
10÷60 mm 1/8÷2"	220	1	003990005
10÷89 mm 1/8÷3"	290	1	003990010

399R/...
spare kit for item 399
composed of two lower jaws and one upper jaw

399RG 1/8-2"	1	003990105
399RG 1/8-3"	1	003990110

CHART FOR METAL TWIST DRILLS



R N/mm² *- Mechanical resistance of the material to drill.*

HV *- Twist drill hardness according to the Vickers scale: the higher the value, the higher the hardness of the material.*

GUIDE TO TWIST DRILLS WITH CYLINDRICAL SHANKS

Rolled twist drills – Twist drills obtained from a hot-rolling manufacturing process. Good-quality twist drills, for use for light-duty jobs, e.g. drilling of iron, mild steel, light alloys and nonferrous metals in general.

Ground twist drills – Twist drills obtained entirely from grounding from a heat-treated steel bar. High-performance twist drills, for drilling steel and light alloys: constant efficiency, excellent chip removal and drilling precision.

HSS – High-speed steel, extremely hard, and resistant to high temperatures; the best material for cutting, tapping and threading tools.

Cobalt (Co) – A base alloy element, providing steel with improved heat resistance, and decreasing twist drill wear, e.g. at high temperatures. The higher the cobalt content, the better the performance of the tool. The most commonly used alloys have a 5% or 8% cobalt content.

HSS-Co – High-speed steel with a 5% or 8% cobalt content.

TiN – Ultrathin titanium nitride coating; based on its high hardness and low friction factor, it provides increased resistance to wear and oxidation and improved drilling chip removal.

Chrome steel – Tools made from chrome steel are suitable for manual use for threading of iron, light alloys, untreated steel and steel heat-treated at low hardness. They are widely used for cleaning and repairing damaged threads in all professional jobs in general, and in the automotive sector in particular.

Hard metal – Material with high wear resistance, used for plates in masonry drill bits.

118° sharpening – Standard sharpening angle of twist drills for metal, allowing quick drilling into metals, for easier centring and excellent heat dissipation.

130° sharpening – Wide sharpening angle, providing more precision in early drilling operations and requiring less drilling force.

Double 115°/135° sharpening – Combined benefits of the two angles, plus chip breaking function; the best choice for long chip materials.

SDS-Plus – Quick, safe tang for hammer drills.

410

twist drills with cylindrical shanks, short series HSS, rolled

R ≤ 650 N/mm²
HV ~ 750÷820

DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004100030
1,00	34	12	10	004100040
1,25	38	16	10	004100043
1,50	40	18	10	004100046
1,75	46	22	10	004100049
2,00	49	24	10	004100052
2,25	53	27	10	004100055
2,50	57	30	10	004100058
2,75	61	33	10	004100061
3,00	61	33	10	004100064
3,20	65	36	10	004100066
3,25	65	36	10	004100067
3,50	70	39	10	004100070
3,75	70	39	10	004100073
4,00	75	43	10	004100076
4,20	75	43	10	004100078
4,25	75	43	10	004100079
4,50	80	47	10	004100082
4,75	80	47	10	004100085
5,00	86	52	10	004100088
5,25	86	52	10	004100091
5,50	93	57	10	004100094
5,75	93	57	10	004100097
6,00	93	57	10	004100100
6,25	101	63	10	004100103
6,50	101	63	10	004100106
6,75	109	69	10	004100109
7,00	109	69	10	004100112
7,50	109	69	10	004100118
8,00	117	75	10	004100124
8,50	117	75	10	004100130
9,00	125	81	5	004100136
9,50	125	81	5	004100142
10,00	133	87	5	004100148
10,50	133	87	5	004100172
11,00	142	94	5	004100184
11,50	142	94	5	004100196
12,00	151	101	5	004100210
12,50	151	101	5	004100222
13,00	151	101	5	004100234
14,00	160	108	5	004100242
15,00	169	114	5	004100250
16,00	178	120	5	004100258
17,00	184	125	3	004100262
18,00	191	130	3	004100266
19,00	198	135	3	004100270
20,00	205	140	3	004100274

410/SP19 Ø 1÷10 x 0,5 mm	1	004100419
410/SPVP1	1	004100421
410/SP25 Ø 1÷13 x 0,5 mm	1	004100425
410/SPVP2	1	004100427

410/SEL19 Ø 1÷10 x 0,5 mm	1	004100418

410MIX/SEL19

set of 13 twist drills, item 410,
and 6 twist drills with hard metal insets

410MIX/SEL19	1	004100417

Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4
4,5 - 5 - 5,5 - 6 - 8 - 10 mm

Ø 4 - 5 - 6 - 8 - 9 - 10 mm

410A

twist drills with cylindrical shanks,
short series, HSS, rolled,
with small tang

R ≤ 650 N/mm²
HV ~ 750÷820

DIN 338 ISO 235

Ø mm	L mm	L1 mm		
13,50	160	108	5	004100281
14,00	160	108	5	004100283
14,50	169	114	5	004100285
15,00	169	114	5	004100287
15,50	178	120	5	004100289
16,00	178	120	5	004100291
16,50	184	125	3	004100292
17,00	184	125	3	004100293
17,50	191	130	3	004100294
18,00	191	130	3	004100295
18,50	198	135	3	004100296
19,00	198	135	3	004100297
19,50	205	140	3	004100298
20,00	205	140	3	004100299

412

twist drills with cylindrical shanks,
short series HSS entirely ground glossy
finishing

R ≤ 800 N/mm²
HV ~ 750÷820

DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004120030
1,00	34	12	10	004120040
1,25	38	16	10	004120043
1,50	40	18	10	004120046
1,75	46	22	10	004120049
2,00	49	24	10	004120052
2,25	53	27	10	004120055
2,50	57	30	10	004120058
2,75	61	33	10	004120061
3,00	61	33	10	004120064
3,25	65	36	10	004120067
3,50	70	39	10	004120070
3,75	70	39	10	004120073
4,00	75	43	10	004120076
4,25	75	43	10	004120079
4,50	80	47	10	004120082
4,75	80	47	10	004120085
5,00	86	52	10	004120088
5,25	86	52	10	004120091
5,50	93	57	10	004120094
5,75	93	57	10	004120097
6,00	93	57	10	004120100
6,25	101	63	10	004120103
6,50	101	63	10	004120106
6,75	109	69	10	004120109
7,00	109	69	10	004120112
7,50	109	69	5	004120118
8,00	117	75	5	004120124
8,50	117	75	5	004120130
9,00	125	81	5	004120136
9,50	125	81	5	004120142
10,00	133	87	5	004120148
10,50	133	87	5	004120150
11,00	142	94	5	004120152
11,50	142	94	5	004120154
12,00	151	101	5	004120156
12,50	151	101	5	004120158
13,00	151	101	5	004120160

412/SP19 Ø 1÷10 x 0,5 mm	1	004120419
410/SPVP1	1	004100421
412/SP25 Ø 1÷13 x 0,5 mm	1	004120425
410/SPVP2	1	004100427
412/SP49 Ø 1÷13 x 0,25 mm	1	004120449
412/SPV4	1	004120451

412/C150

412/C150	1	004120450

		n.
412	Ø 3 mm	20
	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 - 8,5 - 9 - 9,5 - 10 mm	5

365x230x47 mm - 3,3 kg

412/SP91 Ø 1÷10 x 0,10 mm	1	004120452

412A

twist drills with cylindrical shanks,
short series, HSS,
entirely ground, burnished,
with small tang

R ≤ 800 N/mm²
HV ~ 750÷820

DIN 338 ISO 235

Ø mm	L mm	L1 mm		
14,00	160	108	3	004120204
14,50	169	114	3	004120206
15,00	169	114	3	004120208
16,00	178	120	3	004120212
17,00	184	125	1	004120214
18,00	191	130	1	004120216
19,00	198	135	1	004120218
20,00	205	140	1	004120220

414

twist drills with cylindrical shanks, short series, HSS-TiN entirely ground

R ≤ 900 N/mm²
HV 0,05 ~ 2500

DIN 338 ISO 235

Ø mm	L mm	L1 mm		
1,00	34	12	10	004140040
1,25	38	16	10	004140042
1,50	40	18	10	004140046
1,75	46	22	10	004140048
2,00	49	24	10	004140052
2,25	53	27	10	004140054
2,50	57	30	10	004140058
2,75	61	33	10	004140060
3,00	61	33	10	004140064
3,25	65	36	10	004140066
3,50	70	39	10	004140070
3,75	70	39	10	004140072
4,00	75	43	10	004140076
4,25	75	43	10	004140078
4,50	80	47	10	004140082
4,75	80	47	10	004140084
5,00	86	52	10	004140088
5,50	93	57	10	004140094
6,00	93	57	10	004140100
6,50	101	63	10	004140106
7,00	109	69	10	004140112
7,50	109	69	5	004140118
8,00	117	75	5	004140124
8,50	117	75	5	004140130
9,00	125	81	5	004140136
9,50	125	81	5	004140142
10,00	133	87	5	004140148
10,50	133	87	5	004140150
11,00	142	94	5	004140152
11,50	142	94	5	004140154
12,00	151	101	5	004140156
13,00	151	101	5	004140160

414/SP19 Ø 1÷10 x 0,5 mm	1	004140419
410/SPVP1	1	004100421
414/SP25 Ø 1÷13 x 0,5 mm	1	004140425
410/SPVP2	1	004100427
414/SP49 Ø 1÷13 x 0,25 mm	1	004140429
414/SPV4	1	004140430

414/C116

414/C116	1	004140450

		n.
414	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	3
	Ø 8,5 - 9 - 9,5 - 10 mm	2

365x230x47 mm - 2,7 Kg

415

twist drills with cylindrical shanks, short series, HSS-CO 8% entirely ground

R ≤ 1400 N/mm²
HV ~ 850÷920

DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004150029
1,00	34	12	10	004150040
1,25	38	16	10	004150043
1,50	40	18	10	004150046
1,75	46	22	10	004150049
2,00	49	24	10	004150052
2,25	53	27	10	004150055
2,50	57	30	10	004150058
2,75	61	33	10	004150061
3,00	61	33	10	004150064
3,25	65	36	10	004150067
3,50	70	39	10	004150070
3,75	70	39	10	004150073
4,00	75	43	10	004150076
4,25	75	43	10	004150079
4,50	80	47	10	004150082
4,75	80	47	10	004150085
5,00	86	52	10	004150088
5,25	86	52	10	004150091
5,50	93	57	10	004150094
5,75	93	57	10	004150097
6,00	93	57	10	004150100
6,25	101	63	10	004150103
6,50	101	63	10	004150106
6,75	109	69	10	004150109
7,00	109	69	10	004150112
7,50	109	69	5	004150118
8,00	117	75	5	004150124
8,50	117	75	5	004150130
9,00	125	81	5	004150136
9,50	125	81	5	004150142
10,00	133	87	5	004150148
10,50	133	87	5	004150150
11,00	142	94	5	004150152
11,50	142	94	5	004150154
12,00	151	101	5	004150156
12,50	151	101	5	004150158
13,00	151	101	5	004150160
14,00	160	108	3	004150164
15,00	169	114	3	004150168
16,00	178	120	3	004150172
17,00	186	125	1	004150174
18,00	194	130	1	004150176
19,00	202	135	1	004150178
20,00	210	140	1	004150180

415/SP19 Ø 1÷10 x 0,5 mm	1	004150419
410/SPVP1	1	004100421
415/SP25 Ø 1÷13 x 0,5 mm	1	004150425
410/SPVP2	1	004100427
415/SP49 Ø 1÷13 x 0,25 mm	1	004150431
415/SPV4	1	004150432

415/C116

415/C116	1	004150450

		n.
415	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	3
	Ø 8,5 - 9 - 9,5 - 10 mm	2

365x230x47 mm - 2,7 kg

415/SP91 Ø 1÷10 x 0,10 mm	1	004150460

415CO

twist drills with cylindrical shanks, short series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm²
HV ~ 800÷860

DIN 338 ISO 235

ø mm	L mm	L1 mm		
1,00	34	12	10	004150310
1,50	40	18	10	004150312
2,00	49	24	10	004150314
2,50	57	30	10	004150316
3,00	61	33	10	004150320
3,50	70	39	10	004150322
4,00	75	43	10	004150324
4,50	80	47	10	004150326
5,00	86	52	10	004150328
5,50	93	57	10	004150330
6,00	93	57	10	004150332
6,50	101	63	10	004150334
7,00	109	69	10	004150336
7,50	109	69	5	004150338
8,00	117	75	5	004150340
8,50	117	75	5	004150342
9,00	125	81	5	004150344
9,50	125	81	5	004150346
10,00	133	87	5	004150348
10,50	133	87	5	004150350
11,00	142	94	5	004150352
12,00	151	101	5	004150356
13,00	151	101	5	004150360

415CO/SP19 Ø 1÷10 x 0,5 mm	1	004150421
410/SPVP1	1	004100421

416/SP19

set of 19 drills, HSS, specially ground with double penetration cone

416/SP19 Ø 1÷10 x 0,5 mm	1	004160419
410/SPVP1	1	004100421

416G/SP25

set of 25 drills with cylindrical shanks, made from HSS, with step tip geometry

R ≤ 900 N/mm²
HV ~ 820÷850

HIGHER DRILLING SPEED

416G/SP25 ø 1÷13 x 0,5 mm	1	004160525

416P/SP19

set of 19 twist drills with cylindrical shanks, made from HSS, AISI M2, with smaller drill for high-precision centring

ø 1÷10 x 0,5 mm
HIGHER DRILLING SPEED
R ≤ 900 N/mm²
HV ~ 820÷850

HIGHER DRILLING SPEED

416P/SP19 ø 1÷10 x 0,5 mm	1	004160469
410/SPVP1	1	004100421

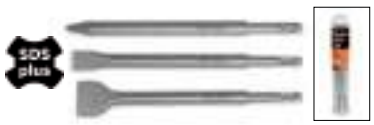
417/SP

417/SP8 Ø 3-4-5-6-8-9-10-12 mm	1	004170100

418/K3

kit of masonry chisels with SDS-plus connection

kit of masonry chisels with SDS-plus connection



L mm	A mm	A1 mm		
250	20	40	1	004180103

419

hammer drill bits with milled shanks and hard metal plates

HVA~ 1650

ø mm	L mm		
4	110	10	004190002
5	110	10	004190004
6	110	10	004190012
6	160	10	004190014
6	210	10	004190016
7	160	10	004190028
8	110	10	004190030
8	160	10	004190032
8	210	10	004190034
8	260	10	004190036
8	310	10	004190038
8	460	10	004190042
9	160	5	004190044
10	160	5	004190050
10	210	5	004190052
10	260	5	004190054
10	310	5	004190056
10	460	5	004190060
12	160	5	004190064
12	210	5	004190066
12	260	5	004190068
12	460	5	004190074
14	160	3	004190086
14	260	3	004190090
14	310	3	004190092
14	460	3	004190096
16	210	3	004190112
16	260	3	004190114
16	310	3	004190116
16	460	3	004190120
18	260	1	004190124
20	310	1	004190128

419/SP7 Ø 5 - 6 - 8 x 110 mm Ø 6 - 8 - 10 - 12 x 160 mm	1	004190507

420D/SP8

set of 8 twist drills with cylindrical shanks,
for wood, short series,
2 cutters,
centre guide drill bits

420D/SP8 Ø 3-4-5-6-7-8-9-10 mm	1	004200200

421

countersinks with guide pins,
fine grade,
made of HSS

DIN 373

M	L mm	Ø mm	D1 mm	D mm		
3	71	6	3,2	5	1	004210003
4	71	8	4,3	5	1	004210004
5	80	10	5,3	8	1	004210005
6	80	11	6,4	8	1	004210006
8	100	15	8,4	12,5	1	004210008
10	100	18	10,5	12,5	1	004210010

421/SP6 M 3-4-5-6-8-10	1	004210019

423CO

special end mills
for spot welding,
HSS-CO 5%,
ground

Ø mm	L mm		
6	66	5	004230106
7	74	5	004230107
8	80	5	004230108
10	89	5	004230110

423A-CO

special mills for
spot welding,
HSS-CO 5%,
ground

DIN 1412/E

Ø mm	L mm		
6,5	40	1	004230115
8,0	40	1	004230120

424

conical drill bits, HSS

	L mm	Ø mm	D mm		
424/1	58	3÷14	6	2	004240001
424/2	71	4÷20	8	2	004240002
424/3	76	16÷30,5	9	2	004240003
424/5	103	5÷31	9	1	004240005

424/SP3 424/1+424/2+424/3 Ø 3÷30,5 mm	1	004240019

425

stepped drills, HSS

	L mm	Ø mm	S mm	D mm		
425/1	70	4÷12	1	6	2	004250010
425/2	55	4÷12	2	6	2	004250012
425/3	85	4÷20	2	10	2	004250015
425/4	85	12÷20	1	10	1	004250016
425/5	97	20÷30	1	10	1	004250017
425/6	75	4÷30	2	10	1	004250020
425/7	97	30÷40	1	13	1	004250025
425/8	100	40÷50	1	13	1	004250029

425/SP3 425/1+425/3+425/6 Ø 4÷30 mm	1	004250030
425/SPV	1	004250035

425ES/SP3

Set of 3 stepped drills, with cylindrical shanks,
sliding step geometry, made from HSS-G

Ø 4÷12 ; 4÷20 ; 4÷30 mm
R ≤ 900 N/mm²
HV 800

425ES/SP3 Ø 4÷12 ; 4÷20 ; 4÷30 mm	1	004250800
425/SPV	1	004250035

426
countersinking cutters
with three cutters,
HSS

DIN 335-C

GR	Ø mm	L mm	Ø1 mm		
4	7,3	50	6	3	004260004
5	8,3	50	6	3	004260005
6	9,4	50	6	3	004260006
7	10,4	50	6	3	004260007
8	12,4	56	8	3	004260008
9	15,0	60	10	3	004260009
10	16,5	60	10	3	004260010
11	20,5	63	10	3	004260011
12	25,0	67	10	3	004260012
13	28,0	71	12	3	004260013
14	31,0	71	12	3	004260014

DIN 335-C

426/SP6 1 004260030
GR 3-5-7-8-10-11
Ø 6,3÷20,5 mm

426A/SP6
set of 6 countersinking cutters,
with three asymmetric spiral cutters,
made from HSS

Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm

426A/SP6 1 004260060
Ø 6,3-8,3-10,4-12,4-16,5-20,5 mm

426T
countersinking cutters
with three cutters,
HSS + TiN

DIN 335-C

GR	Ø mm	L mm	Ø1 mm		
3	6,3	44	5	3	004260063
5	8,3	50	6	3	004260065
7	10,4	54	6	3	004260067
8	12,4	54	8	3	004260068
9	15,0	56	10	3	004260069
10	16,5	60	10	3	004260070
11	20,5	63	10	3	004260071
12	25,0	66	10	3	004260072
13	28,0	71	12	3	004260073
14	31,0	71	12	3	004260074

DIN 335-C

426T/SP6 1 004260080
GR 3-5-7-8-10-11
Ø 6,3÷20,5 mm

426MD-3/A9
set of 9 mini rotary cutters made from hard metal

426MD-3/A9 1 004260349
426MD-3/OV3 - 426MD-3/CP3
426MD-3/CT3 - 426MD-3/F3
426MD-3/TA3 - 426MD-3/T3
426MD-3/OG3 - 426MD-3/S3
426MD-3/FA3

426MD/CP
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260532
63	8	1	004260512
63	9,5	1	004260542
69	12	1	004260522
69	16	1	004260552

426MD/CT
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260533
63	8	1	004260513
63	9,5	1	004260543
69	12	1	004260523
69	16	1	004260553

426MD/F
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260534
63	8	1	004260514
63	9,5	1	004260544
69	12	1	004260524
69	16	1	004260554

426MD/FA
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260539
63	8	1	004260519
63	9,5	1	004260549
69	12	1	004260529
69	16	1	004260559

426MD/OG
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260537
63	8	1	004260517
70	10	1	004260547
76	12	1	004260527
81	16	1	004260557

426MD/OV
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260531
61	9,5	1	004260541
67	12	1	004260521
69	16	1	004260551

426MD/S
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260538
51	8	1	004260518
53	9,5	1	004260548
56	12	1	004260528
59	16	1	004260558

426MD/T
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260536
63	8	1	004260516
63	9,5	1	004260546
69	12	1	004260526
70	16	1	004260556

426MD/TA
rotary files, made from hard metal

cross cut HM4

L mm	Ø mm		
50	6	1	004260535
67	8	1	004260515
72	9,5	1	004260545
73	12	1	004260525
78	16	1	004260555

426MD/SP10 426MD/CP-426MD/CT-426MD/F 426MD/T-426MD/S ø 8-12 mm	1	004260510

427
morse taper extractors

DIN 317

GR	L mm	A mm		
1-2	140	19	3	004270002
3	190	25	3	004270003
4	225	30	3	004270004

428FP
machine taps for clearance holes, coarse pitch threads, HSS

ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	10	004280003
4x0,7	3,4	63	13	10	004280004
5x0,8	4,9	70	16	10	004280005
6x1	4,9	80	19	10	004280006
8x1,25	6,2	90	22	10	004280008
10x1,5	8,0	100	24	10	004280010
12x1,75	7,0	110	28	5	004280012
14x2	9,0	110	30	5	004280014
16x2	9,0	110	32	5	004280016
18x2,5	11,0	125	34	3	004280018

428FP/C7
assortment of 7 machine taps 428FP, made from HSS

428FP/C7 428FP M3÷12	1	004280203

428FC
machine taps for blind holes, coarse pitch threads, HSS

ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	10	004280103
4x0,7	3,4	63	13	10	004280104
5x0,8	4,9	70	16	10	004280105
6x1	4,9	80	19	10	004280106
8x1,25	6,2	90	22	10	004280108
10x1,5	8,0	100	24	10	004280110
12x1,75	7,0	110	28	5	004280112
14x2	9,0	110	30	5	004280114
16x2	9,0	110	32	5	004280116

428FC/C7
assortment of 7 machine taps 428FC, made from HSS

428FC/C7 428FC M3÷12	1	004280204

429FP
machine taps for clearance holes, coarse pitch threads HSS-CO 5%

ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	5	004290003
4x0,7	3,4	63	13	5	004290004
5x0,8	4,9	70	16	5	004290005
6x1	4,9	80	19	5	004290006
8x1,25	6,2	90	22	5	004290008
10x1,5	8,0	100	24	5	004290010
12x1,75	7,0	110	28	5	004290012

429FP/C7

assortment of
7 machine taps
429FP,
made from HSS-CO 5%

429FP/C7 429FP M3÷12	1	004290203

429FC

machine taps for blind holes,
coarse pitch threads HSS-CO 5%

ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	5	004290103
4x0,7	3,4	63	13	5	004290104
5x0,8	4,9	70	16	5	004290105
6x1	4,9	80	19	5	004290106
8x1,25	6,3	90	22	5	004290108
10x1,5	8,0	100	24	5	004290110
12x1,75	7,0	110	28	5	004290112

429FC/C7

assortment of
7 machine taps 429FC,
made from HSS-CO 5%

429FC/C7 429FC M3÷12	1	004290204

430

hand taps, **coarse pitch**, metric thread
made from chrome-steel

DIN 352 UNI 4535

M	■ mm	L mm	L1 mm		
2x0,4	2,5	36	11	5	004300002
3x0,5	2,5	40	12	5	004300003
4x0,7	3,0	45	14	5	004300004
5x0,8	4,0	48	16	5	004300005
6x1	5,0	50	18	5	004300006
7x1	4,5	50	18	5	004300007
8x1,25	5,0	56	22	3	004300008
9x1,25	5,5	63	22	3	004300009
10x1,5	6,0	70	25	3	004300010
11x1,5	7,0	70	25	3	004300011
12x1,75	7,0	75	30	3	004300012
14x2	8,0	80	32	3	004300014
16x2	10,0	80	32	3	004300016
18x2,5	11,0	95	40	1	004300018
20x2,5	12,0	95	40	1	004300020
22x2,5	14,5	100	40	1	004300022
24x3	14,5	110	50	1	004300024

430/SP21 M 3-4-5-6-8-10-12	1	004300201

430ASC

hand taps, **UNC** thread
made from chrome-steel

ANSI B1.1

UNC	■ mm	L mm	L1 mm		
1/4x20	4,9	70	30	5	004300051
5/16x18	4,9	70	30	5	004300052
3/8x16	5,5	75	35	3	004300053
7/16x14	6,2	80	40	3	004300054
1/2x13	7,0	85	45	3	004300055
9/16x12	9,0	90	45	3	004300056
5/8x11	9,0	100	47	3	004300057
3/4x10	11,0	110	50	3	004300058
7/8x9	14,5	120	60	1	004300059
1"x8	16,0	130	60	1	004300060

431

hand taps, **coarse pitch**,
metric thread HSS

DIN 352 UNI 4535

M	■ mm	L mm	L1 mm		
3x0,5	2,5	40	10	5	004310003
4x0,7	3,3	45	12	5	004310004
5x0,8	4,2	50	13	5	004310005
6x1	5,0	56	15	5	004310006
7x1	6,0	56	16	5	004310007
8x1,25	6,8	56	18	3	004310008
10x1,5	8,5	70	24	3	004310010
12x1,75	10,2	75	29	3	004310012
14x2	12,0	80	30	1	004310014
16x2	14,0	80	32	1	004310016
18x2,5	15,5	95	40	1	004310018
20x2,5	17,5	95	40	1	004310020
22x2,5	19,5	100	40	1	004310022
24x3	21	110	45	1	004310024

431/SP21 M 3-4-5-6-8-10-12	1	004310201

433

hand taps, **fine pitch**, metric thread
made from chrome-steel

DIN 2181 UNI 4535

M	■ mm	L mm	L1 mm		
6x0,75	4,5	48	16	5	004330201
7x0,75	4,5	56	18	5	004330202
8x0,75	5,0	50	16	5	004330203
8x1	5,0	56	16	5	004330204
9x0,75	6,0	63	22	5	004330205
9x1	6,0	63	22	5	004330206
10x0,75	6,5	63	18	5	004330207
10x1	6,5	63	18	5	004330208
10x1,25	6,5	63	18	5	004330209
11x0,75	7,0	70	25	3	004330210
11x1	7,0	70	25	3	004330211
11x1,25	7,0	70	25	3	004330212
12x0,75	7,0	70	20	3	004330213
12x1	7,0	70	20	3	004330214
12x1,25	7,0	70	20	3	004330215
12x1,5	7,0	70	20	3	004330216
14x1	8,0	80	32	1	004330217
14x1,25	8,0	80	32	1	004330218
14x1,5	8,0	80	32	1	004330219
16x1	10,0	80	32	1	004330220
16x1,5	10,0	80	32	1	004330221
18x1,5	11,0	95	40	1	004330222

M	■ mm	L mm	L1 mm		
18x2	11,0	80	25	1	004330223
20x1,5	14,5	80	22	1	004330224
22x1,5	14,5	80	22	1	004330225
24x1,5	14,5	80	22	1	004330226
24x2	14,5	80	22	1	004330227

433ASG

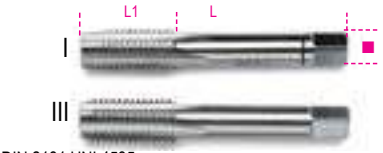
hand taps, cylindrical **GAS** (BSP) thread made from chrome-steel

DIN 5157

GAS	■ mm	L mm	L1 mm		
1/8x28	5,5	65	18	1	004330401
1/4x19	9,0	70	24	1	004330402
3/8x19	9,0	75	25	1	004330403
1/2x14	12,0	80	31	1	004330405
3/4x14	16,0	90	33	1	004330408
1"x11	20,0	100	39	1	004330410

434

hand taps, **fine pitch**, metric thread HSS



DIN 2181 UNI 4535

M	■ mm	L mm	L1 mm		
6x0,75	5,2	50	15	5	004340001
8x0,75	7,2	56	18	5	004340003
8x1	7,0	56	18	5	004340004
10x0,75	9,2	63	20	5	004340007
10x1	9,0	63	18	5	004340008
10x1,25	8,7	70	24	5	004340009
12x1	11,0	70	20	3	004340014
12x1,25	10,7	70	20	3	004340015
12x1,5	10,5	70	20	3	004340016
13x1,5	11,5	70	22	1	004340017
14x1	13,0	70	20	1	004340018
14x1,25	12,7	70	20	1	004340019
14x1,5	12,5	70	20	1	004340020
15x1,5	13,5	70	22	1	004340021
16x1	15,0	70	20	1	004340022
16x1,5	14,5	70	20	1	004340023
18x1,5	16,5	80	22	1	004340024
18x2	16,0	80	22	1	004340025
20x1,25	18,8	80	22	1	004340026
20x1,5	18,5	80	22	1	004340027
20x2	18,0	80	22	1	004340028
22x1,5	20,5	80	22	1	004340029
24x1	23,0	90	22	1	004340030
24x1,5	22,5	90	22	1	004340031
24x2	22,0	90	22	1	004340032

435

adjustable tap wrenches, steel body

DIN 1814

	□ mm	L mm		
435/0	2÷5 M1÷M8	170	3	004350007
435/1	2÷6 M1÷M10	200	2	004350009
435/1,5	2,5÷6 M1÷M12	200	2	004350011
435/2	3÷7 M4÷M12	260	2	004350013
435/3	4÷12 M5÷M20	345	1	004350020
435/4	7÷16 M11÷M27	430	1	004350027
435/5	7÷18 M13÷M32	770	1	004350032

435G

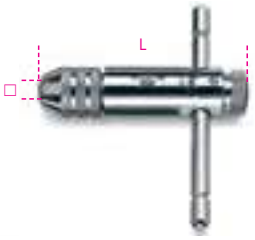
adjustable tap wrenches, light alloy body

DIN 1814

	□ mm	L mm		
435G/0	2÷5 M1÷M8	130	5	004350108
435G/1	2÷6 M1÷M10	190	5	004350110
435G/1,5	2÷7 M2÷M12	175	5	004350112
435G/2	3,4÷7 M4÷M12	280	5	004350114
435G/3	4,9÷12 M5÷M20	380	2	004350121
435G/4	7÷16 M11÷M27	500	2	004350127
435G/5	7÷18 M13÷M32	700	1	004350132
435G/6	11÷24 M18÷M42	800	1	004350142

436

reversible ratcheting tap wrenches



	□ mm	L mm		
436/1	2÷5 M3÷M8	85	5	004360002
436/2	4,6÷8 M5÷M12	110	5	004360004

436L

reversible ratcheting tap wrenches, long series

	□ mm	L mm		
436L/1	2÷5 M3÷M8	245	2	004360012
436L/2	4,6÷8 M5÷M12	295	2	004360014

437P

thread dresser, for repairing internal and external, right-hand and left-hand threads

P 0.80÷3.00 mm

L mm		
230	1	004370003

437K/12

tool assortment for repairing axle shaft threads

allows original thread to be rectified and dressed

Kit contents:
- **Metric sizes:**
  M16x1.0 - M16x1.5 - M20x1.0 - M20x1.5 - M22x1.5 - M24x1.5 - M24x2.0 - M27x2.0
- **Inch sizes:**
  3/4x16 - 3/4x20 - 13/16x20 - 27/32x20

437K/12	1	004370032

220x118x52 mm

437K/33
tool assortment for repairing damaged spark plug threads

Bushes:
M8x1.0 - M10x1.0 - M10x1.25 - M12x1.25
Taps:
M8x1.0 - M10x1.0 - M10x1.25 - M12x1.0 - M12x1.25 - M14x1.25

437K/33	1	004370133

210x150x50 mm

437U/09
assortment for repairing damaged threads M5-M6-M8-M10-M12

437U/09	1	004370550
M5X0,8		
M6X1,0		
M8X1,25		
M10X1,5		
M12X1,75		

370x230x55 mm - 2 Kg

437U/E-M...
stainless steel helicoids

	H mm		
M5	7.5	1	004370555
M6	9	1	004370556
M8	12	1	004370558
M10	15	1	004370560
M12	18	1	004370562

437U/PM
bits and taps for item 437U/09

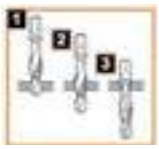
M5	1	004370565
M6	1	004370566
M8	1	004370568
M10	1	004370570
M12	1	004370572

438A
set of bits for drilling, threading and countersinking; HSS

- **M3 - M4 - M5 - M6 - M8 - M10**
- **With magnetic bit holder**

1/4

S MAX mm = Ø mm



438A	1	004380010

438...
bits for drilling, threading and countersinking

HSS, 1/4" drive

1/4

	S max mm		
M3	3	2	004380103
M4	4	2	004380104
M5	5	2	004380105
M6	6	2	004380106
M8	8	2	004380108
M10	10	2	004380110

440
round dies, **coarse pitch**, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ≈ 60÷61

UNI 4535
DIN 223

M	Ø x S mm		
2x0,4	25,4 x 9	5	004400002
3x0,5	25,4 x 9	5	004400003
4x0,7	25,4 x 9	5	004400004
5x0,8	25,4 x 9	5	004400005
6x1	25,4 x 9	5	004400006
7x1	25,4 x 9	5	004400007
8x1,25	25,4 x 9	5	004400008
9x1,25	25,4 x 9	5	004400009
10x1,5	25,4 x 9	5	004400010
12x1,75	25,4 x 9	5	004400012

440A
round dies, **coarse pitch**, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ≈ 60÷61

UNI 4535
DIN 223

M	Ø x S mm		
10x1,5	38,1 x 14	3	004400110
11x1,5	38,1 x 14	3	004400111
12x1,75	38,1 x 14	3	004400112
14x2	38,1 x 14	3	004400114
16x2	38,1 x 14	3	004400116
18x2,5	38,1 x 14	3	004400118
20x2,5	38,1 x 14	3	004400120

440B
round dies, **coarse pitch**, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ≈ 60÷61

UNI 4535
DIN 223

M	Ø x S mm		
18x2,5	50,8 x 16	3	004400122
20x2,5	50,8 x 16	3	004400124
22x2,5	50,8 x 16	3	004400126
24x3	50,8 x 16	3	004400128

440ASC

round dies, **coarse pitch**, UNC thread made from chrome-steel

R ≤ 600 N/mm²

UNI EN 22568
DIN 223

UNC	Ø x S mm		
1/4x20	25,4 x 9	5	004400221
5/16x18	25,4 x 9	5	004400222
3/8x16	38,1 x 14	3	004400223
7/16x14	38,1 x 14	3	004400224
1/2x13	38,1 x 14	3	004400225
9/16x12	38,1 x 14	3	004400226
5/8x11	50,8 x 16	3	004400227
3/4x10	50,8 x 16	3	004400228
7/8x9	50,8 x 16	3	004400229
1"x8	50,8 x 16	3	004400230

440ASG

round dies, cylindrical **GAS** (BSP) thread made from chrome-steel

R ≤ 600 N/mm²

UNI EN 24231
DIN 223

GAS	Ø x S mm		
1/8x28	38,1 x 14	3	004400255
1/4x19	38,1 x 14	3	004400256
3/8x19	38,1 x 14	3	004400257
1/2x14	50,8 x 16	3	004400259
3/4x14	50,8 x 16	3	004400260
1"x11	63,5 x 19	3	004400261

441

round dies, **fine pitch**, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ▯ 60÷61

UNI 4535
DIN 223

M	Ø x S mm		
6x0,75	25,4 x 9	5	004410004
7x0,75	25,4 x 9	5	004410005
8x0,75	25,4 x 9	5	004410006
8x1	25,4 x 9	5	004410007
9x0,75	25,4 x 9	5	004410008
9x1	25,4 x 9	5	004410009

441A

round dies, **fine pitch**, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ▯ 60÷61

UNI 4535
DIN 223

M	Ø x S mm		
10x0,75	38,1 x 14	3	004410100
10x1	38,1 x 14	3	004410101
10x1,25	38,1 x 14	3	004410102
11x0,75	38,1 x 14	3	004410103
11x1	38,1 x 14	3	004410104
11x1,25	38,1 x 14	3	004410105
12x0,75	38,1 x 14	3	004410106
12x1	38,1 x 14	3	004410107
12x1,25	38,1 x 14	3	004410108
12x1,5	38,1 x 14	3	004410109
14x1	38,1 x 14	3	004410110
14x1,25	38,1 x 14	3	004410111
14x1,5	38,1 x 14	3	004410112
16x1	38,1 x 14	3	004410113
16x1,5	38,1 x 14	3	004410114
18x1,5	38,1 x 14	3	004410115

441B

round dies, **fine pitch**, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ▯ 60÷61

UNI 4535
DIN 223

M	Ø x S mm		
18x1,5	50,8 x 16	3	004410117
18x2	50,8 x 16	3	004410118
20x1,5	50,8 x 16	3	004410119
22x1,5	50,8 x 16	3	004410120
24x1,5	50,8 x 16	3	004410121
24x2	50,8 x 16	3	004410122

442

round dies, **coarse pitch**, metric thread HSS

HRC ▯ 62÷63
AISI M2

UNI EN 22568
DIN 223

M	ØxS mm		
3x0,5	20x5	3	004420003
4x0,7	20x5	3	004420004
5x0,8	20x7	3	004420005
6x1	20x7	3	004420006
7x1	25x9	3	004420007
8x1,25	25x9	3	004420008
10x1,5	30x11	3	004420010
12x1,75	38x14	3	004420012
14x2	38x14	1	004420014
16x2	45x18	1	004420016
18x2,5	45x18	1	004420018
20x2,5	45x18	1	004420020

443

round dies, **fine pitch**, metric thread HSS

HRC ▯ 62÷63
AISI M2

UNI EN 22568
DIN 223

M	ØxS mm		
6x0,75	20x7	1	004430107
8x0,75	25x9	1	004430110
8x1	25x9	1	004430111
10x0,75	30x11	1	004430113
10x1	30x11	1	004430114
10x1,25	30x11	1	004430115
12x1	38x10	1	004430116
12x1,25	38x10	1	004430117
12x1,5	38x10	1	004430118
13x1,5	38x10	1	004430119
14x1	38x10	1	004430120
14x1,25	38x10	1	004430121
14x1,5	38x10	1	004430122
15x1,5	38x10	1	004430123
16x1	45x14	1	004430124
16x1,5	45x14	1	004430125
18x1,5	45x14	1	004430127
20x1,25	45x14	1	004430129
20x1,5	45x14	1	004430130
20x2	45x14	1	004430131
22x1,5	55x16	1	004430132
24x1	55x16	1	004430133
24x1,5	55x16	1	004430135
24x2	55x16	1	004430136

444
die stocks, steel body

UNI EN 22568
DIN 225

	Ø mm	L mm		
444	20x5	190	5	004440005
444/0	20x7	190	5	004440007
444/1	25,4x9,5	210	5	004440025
444/1A	25x9	215	5	004440027
444/1B	30x11	250	5	004440030
444/C	38x10	310	3	004440033
444/1C	38x14	310	3	004440035
444/2	38,1x12,7	300	3	004440038
444/1D	45x14	445	1	004440045
444/2D	45x18	445	1	004440046
444/3	50,8x15,9	520	1	004440050
444/4	55x16	495	1	004440055
444/5A	63,5x19	520	1	004440057

444G
die stocks, light alloy body

UNI EN 22568
DIN 225

	Ø mm	L mm		
444G/A	16x5	160	5	004440103
444G	20x5	185	5	004440105
444G/0	20x7	185	5	004440107
444G/1A	25x9	215	5	004440127
444G/C	38x10	315	3	004440133
444G/1C	38x14	315	3	004440135
444G/2	38,1x12,6	310	3	004440138
444G/1D	45x14	450	1	004440145
444G/2D	45x18	450	1	004440146
444G/3	50,8x16	485	1	004440150
444G/4	55x16	560	1	004440155
444G/5A	63,5x19	630	1	004440163
444G/6	65x18	630	1	004440165

446/C30
assortment of chrome-steel taps and dies, metric thread, and accessories in wooden case

446/C30 1 004460055
325x220x35 mm - 3,2 Kg

430 M mm	440 M mm		
3x0,5	3x0,5	435/1,5	444/1
4x0,7	4x0,7		
5x0,8	5x0,8		
6x1	6x1		
8x1,25	8x1,25		
10x1,5	10x1,5		
12x1,75	12x1,75		

446/C48
assortment of chrome-steel taps and dies, metric thread, and accessories in wooden case

446/C48 1 004460057
580x300x50 mm - 5 Kg

430 M mm	440 M mm	440A M mm		
3x0,5	3x0,5	10x1,5	435/1	444/1
4x0,7	4x0,7	12x1,75	435/3	444/2
5x0,8	5x0,8	14x2		
6x1	6x1	16x2		
8x1,25	8x1,25	18x2,5		
10x1,5		20x2,5		
12x1,75				
14x2				
16x2				
18x2,5				
20x2,5				

446/C110
assortment of chrome-steel taps and dies, metric thread, and accessories for car repair jobs in wooden case

446/C110 1 004460060
500x337x60 mm - 8,1 Kg

430 M mm	433 M mm	440/440A M mm	441/441A M mm
2x0,4	6x0,75	2x0,4	6x0,75
3x0,5	7x0,75	3x0,5	7x0,75
4x0,7	8x0,75	4x0,7	8x0,75
5x0,8	8x1	5x0,8	8x1
6x1	9x0,75	6x1	9x0,75
7x1	9x1	7x1	9x1
8x1,25	10x0,75	8x1,25	10x0,75
9x1,25	10x1	9x1,25	10x1
10x1,5	10x1,25	10x1,5	10x1,25
11x1,5	11x0,75	11x1,5	11x0,75
12x1,75	11x1	12x1,75	11x1
14x2	11x1,25	14x2	11x1,25
16x2	12x0,75	16x2	12x0,75
	12x1		12x1
	12x1,25		12x1,25
	12x1,5		12x1,5
	14x1		14x1
	14x1,25		14x1,25
	14x1,5		14x1,5
	16x1		16x1
	16x1,5		16x1,5
	18x1,5		18x1,5

435/0	444/1	436/1
435/3	444/2	

446ASF/C29

assortment of chrome-steel taps and dies, **UNF** thread, and accessories in wooden case

446ASF/C29 1 004460070

660x410x50 mm - 6 Kg

433ASF	440ASF		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

446ASC/C37

assortment of chrome-steel taps and dies, **UNC** thread, and accessories in wooden case

446ASC/C37 1 004460080

660x410x50 mm - 6,7 Kg

430ASC	440ASC		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

447/C37

assortment of HSS taps and dies, metric thread, and accessories in metal case

447/C37 1 004470055

380x185x35 mm - 3,9 Kg

431 M mm	442 M mm		
3x0,5	3x0,5	435/0	444
4x0,7	4x0,7	435/2	444/0
5x0,8	5x0,8		444/1A
6x1	6x1		444/1B
8x1,25	8x1,25		444/1C
10x1,5	10x1,5		
12x1,75	12x1,75		

436/1	0,5x3x75

446ASW/C36

assortment of chrome-steel taps and dies, **Whitworth** thread, and accessories in wooden case

446ASW/C36 1 004460075

525x310x50 mm - 3,4 Kg

430ASW	440ASW		
1/8	1/8	435/1,5	444/1
5/32	5/32	435/2	444/2
3/16	3/16		
1/4	1/4		
5/16	5/16		
3/8	3/8		
7/16	7/16		
1/2	1/2		

446ASG/C23

assortment of chrome-steel taps and dies, cylindrical **GAS** thread, and accessories in wooden case

446ASG/C23 1 004460085

700x430x70 mm - 9,8 Kg

433ASG	440ASG		
1/8	1/8	435/3	444/2
1/4	1/4	435/5	444/3
3/8	3/8		444/5A
1/2	1/2		
3/4	3/4		
1"	1"		

447/C53

assortment of HSS taps and dies, metric thread, and accessories in metal case

447/C53 1 004470060

500x235x50 mm - 9 Kg

431 M mm	442 M mm			
3x0,5	3x0,5	435/1,5	444	436/1
4x0,7	4x0,7	435/3	444/0	436/2
5x0,8	5x0,8		444/1A	
6x1	6x1		444/1B	
8x1,25	8x1,25		444/1C	
10x1,5	10x1,5		444/2D	
12x1,75	12x1,75			
14x2	14x2			
16x2	16x2			
18x2,5	18x2,5			
20x2,5	20x2,5			

447/C70

assortment of HSS taps and dies, metric thread, and accessories for car repair jobs industrial maintenance in wooden case

447/C70	1	004470065

510x340x70 mm - 7,5 Kg

431 M mm	434 M mm	442 M mm	443 M mm
3x0,5	8x1	3x0,5	8x1
4x0,7	10x1,25	4x0,7	10x1,25
5x0,8	12x1,25	5x0,8	12x1,25
6x1	12x1,5	6x1	12x1,5
7x1	14x1,25	7x1	14x1,25
8x1,25	14x1,5	8x1,25	14x1,5
10x1,5	16x1,5	10x1,5	16x1,5
12x1,75		12x1,75	
14x2		14x2	
16x2		16x2	

435/0	444	436/1
435/3	444/0	
	444/1A	
	444/1B	
	444/C	
	444/1C	
	444/1D	
	444/2D	

450

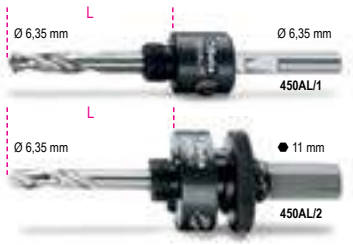
hole saws, bimetal, HSS-Co 8%

HSS-Co 8%

Ø mm	Ø "	A mm		
16	(5/8)	57	1	004500016
19	(3/4)	51	1	004500019
20	-	51	1	004500020
22	(7/8)	51	1	004500022
25	(1")	51	1	004500025
29	(1"1/8)	51	1	004500029
32	(1"1/4)	51	1	004500032
35	(1"3/8)	51	1	004500035
38	(1"1/2)	44	1	004500038
40	(1"9/16)	44	1	004500040
44	(1"3/4)	44	1	004500044
51	(2")	44	1	004500051
57	(2"1/4)	44	1	004500057
60	(2"3/8)	44	1	004500060
64	(2"1/2)	44	1	004500064
65	(2"9/16)	44	1	004500065
70	(2"3/4)	44	1	004500070
76	(3")	44	1	004500076
83	(3"1/4)	44	1	004500083
92	(3"5/8)	44	1	004500092
95	(3"3/4)	44	1	004500095
105	(4"1/8)	44	1	004500105
114	(4"1/2)	44	1	004500114

450AL

arbors for holesaws



	Ø mm	L mm		
450AL/1	16÷30	54	1	004500210
450AL/2	32÷152	70	1	004500215

450AD

adaptors for arbors item 450AL/1

	Ø mm		
450AD	32÷51	1	004500230

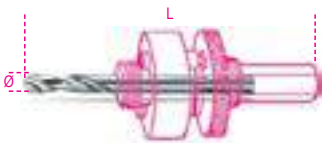
450PA/1

pilot drills for arbors item 450AL/1, HSS

ØxL mm		
6,35x105	1	004500252

450PA/2

pilot drills for arbors item 450AL/2, HSS



ØxL mm		
6,35x80	1	004500253

450PR

extension for holesaws

L mm		
305	1	004500255

450/C9

assortment of holesaws and accessories for electricians

HSS-Co 8%

450/C9	1	004500305

450	Ø 22 - 29 - 35 - 44 - 51 - 64 mm
450AL	/1 - /2
450AD	

220x160x60 mm - 1,6 Kg

450/C13

assortment of holesaws and accessories for installers

HSS-Co 8%

450/C13		1	004500310

450	Ø 19 - 22 - 29 - 35 - 38 44 - 51 - 57 - 64 mm
450AL	/1 - /2
450PA/1	
450AD	

420x185x60 mm - 1,8 Kg

450/C15

assortment of holesaws and accessories for electricians

HSS-Co 8%

450/C15		1	004500313

450	Ø 16 - 20 - 25 - 32 - 40 51 - 60 - 65 - 70 mm
450AL	/1 - /2
450PA	/1 - /2
450PR	
450AD	

420x185x60 mm - 3,2 Kg

450/C21

assortment of holesaws and accessories for **industrial use**

HSS-Co 8%

450/C21		1	004500315

450	Ø 19 - 22 - 29 - 35 - 38 44 - 51 - 57 - 64 - 76 83 - 92 - 95 - 105 - 114 mm
450AL	/1 - /2
450PA	/1 - /2
450PR	
450AD	

420x280x60 mm - 7 Kg

451

hole cutters HSS, entirely ground

Ø mm	L mm	D mm		
16	85	10	1	004510016
18	85	10	1	004510018
20	85	10	1	004510020
22	85	10	1	004510022
25	85	10	1	004510025
26	90	10	1	004510026
27	90	10	1	004510027
28	90	10	1	004510028
29	90	10	1	004510029
30	90	10	1	004510030
31	90	10	1	004510031
32	90	10	1	004510032
33	90	10	1	004510033
34	90	10	1	004510034
35	90	10	1	004510035
36	85	10	1	004510036
37	85	10	1	004510037
38	85	10	1	004510038
39	85	10	1	004510039
40	85	10	1	004510040
41	85	10	1	004510041
42	85	10	1	004510042
43	85	10	1	004510043
44	85	10	1	004510044
45	85	10	1	004510045
46	85	10	1	004510046
47	85	10	1	004510047
48	85	10	1	004510048
49	85	10	1	004510049
50	85	10	1	004510050

451/C

assortment of 8 hole cutters, HSS, entirely ground

451/C8		1	004510308

Ø 16-18-20-22-25-30-32-35 mm

270x225x70 mm - 1,3 Kg

451PA

pilot drill for hole cutters item 451 HSS

Ø mm	L mm		
6	53	1	004510103

TORQUE MULTIPLIERS

Torque multipliers are essential tools for tightening nuts and screws, as they allow a higher torque than the operator would normally apply to be generated, in small or hardly accessible spaces. They do not require bulky extensions, thereby ensuring total safety. **Beta's range of torque multipliers** provides a variety of solutions and capacities **up to 9500 Nm**, and torque multiplication ratios up to 135:1. Many models – especially the most powerful ones – are fitted with a two-way anti-wind up system, to prevent dangerous tension returns onto the operator. Each of Beta's torque multipliers comes with a **certificate** proving that the tool was tested at the maximum value under optimal operating conditions.

Operating instructions

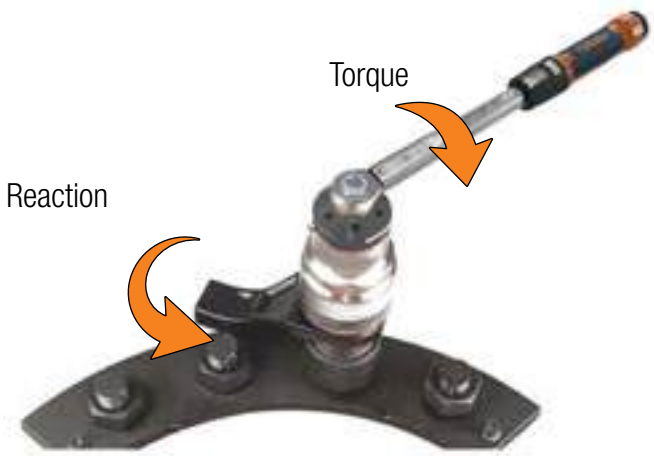
The torque multiplier **must be used with a torque wrench** to ensure control of the output torque; in addition, it must always be used with **impact sockets**.

The ratios of each torque multiplier determine the **multiplication factor** between the input torque and the output torque. Example: torque multiplier with 5:1 ratio. Applying an input torque of 100 Nm, as set on the torque wrench, will result in an output torque of 500 Nm as transmitted to the nut or screw.

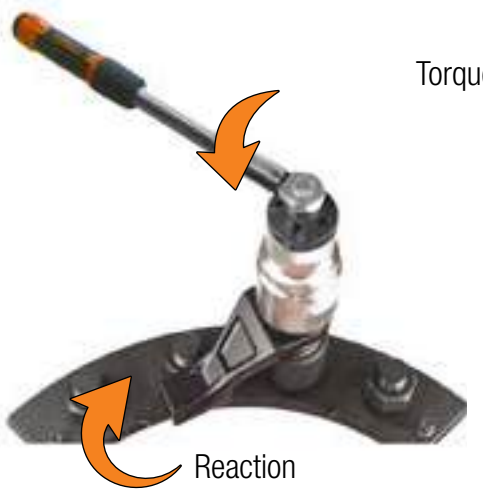
However, make sure that all the parts involved in tightening are properly aligned.

Avoid using **extensions**, as these would twist, thereby producing a spring effect which would modify the applied torque values.

Always check that the **reaction arm** of the torque multiplier has been fixed to, or rests on, a sturdy structure, capable of withstanding the reaction force. As a rule, adequately rigid walls or screws near to the one that must be worked on are used. The reaction arm always rotates in the **opposite** direction to the tightening direction.



Clockwise



Counterclockwise

Operate smoothly and uninterruptedly.

Tightening tension must be released by rotating the torque multiplier in the other direction, before disengaging it; if the torque multiplier is fitted with an anti-wind up system, tightening tension must be released through the reversal lever.

The above instructions also apply to **unscrewing** operations.

560/C3

torque multiplier for right-hand and left-hand tightening, in plastic case,
ratio 3.8:1,
with anti-wind up system

Nm	kgfm	lbf.ft	□	■	kg
1500	150	1110	1/2"	3/4"	3,9

560/C3	1	005600030

400x260x110 mm

560/C3PLUS

torque multiplier for right-hand and left-hand tightening, in plastic case,
ratio 3.8:1,
with anti-wind up system

Nm	kgfm	lbf.ft	□	■	kg
2700	270	1991	3/4"	1"	7,5

560/C3PLUS	1	005600038

470x240x160 mm

560/C2

torque multiplier for right-/left-hand tightening and accessories
ratio 5:1
in plastic case
for intensive use

Nm	Kgfm	lbf.ft	□	■	kg
1300	130	960	1/2	3/4	3,8

560/C2	1	005600020
560/2	1	005600002
560/18	1	005600018
560/19	1	005600019
560/22	1	005600022

310x275x120 mm

560/C4+

torque multiplier for right/left-hand and accessories
ratio 5:1
with reaction foot
for intensive use

Nm	Kgfm	lbf.ft	□	■	kg
2700	270	2000	3/4	1"	5

560/C4PLUS	1	005600042
560/4	1	005600004
560/18	1	005600018
560/22	1	005600022

310x275x120 mm

560/C6

torque multipliers for right-hand and left-hand tightening in plastic case
ratio: 6.5:1

Nm	kgfm	lbf.ft	□	■	kg
1500	150	1106	1/2"	3/4"	6

560/C6	1	005600160

400x260x110 mm

560/C12

torque multipliers for right-hand and left-hand tightening in plastic case
ratio: 12:1

Nm	kgfm	lbf.ft	□	■	kg
2500	250	1844	1/2"	1"	7

560/C12	1	005600210

400x260x110 mm

561/1

torque multiplier for right-hand and left-hand tightening,
ratio 5:1,
with two reaction feet

Nm	kgfm	lbf.ft	□	■	kg
1000	100	740	1/2	3/4	2,7

561/1	1	005610010

270x210x70 mm

562-1/VA - 562-2/VA

torque multipliers for right-hand and left-hand tightening
ratio 5,2:1
in case 562VV-A

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
1700	170	1250	3/4	1"	108	95	85	220	8,8

562-1/VA 1 005620601

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
3400	340	2500	3/4	1"	119	115	85	265	10,5

562-2/VA 1 005620602

564-3R/V - 564-4R/V

torque multipliers for right-/left-hand tightening
ratio 25:1
with anti-wind up system,
in case

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L mm	kg
4000	400	3000	1/2	1"	92	185	205	7,6

564-3R/V 1 005640613

390x310x145 mm

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L mm	kg
7000	700	5000	1/2	1"1/2	120	200	210	13,2

564-4R/V 1 005640614

500x435x170 mm

565-2R/VA - 565-3R/VA

torque multipliers for right-hand and left-hand tightening
ratio 27:1
with anti-wind up system,
in case 562VV-A

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
3400	340	2500	1/2	1"	119	145	85	265	13,6

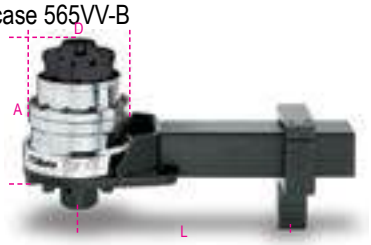
565-2R/VA 1 005650612

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
3400	340	2500	1/2	1"1/2	119	145	85	265	14,2

565-3R/VA 1 005650613

565-4R/VB

torque multiplier for right-hand and left-hand tightening
ratio 27:1
with anti-wind up system,
in case 565VV-B

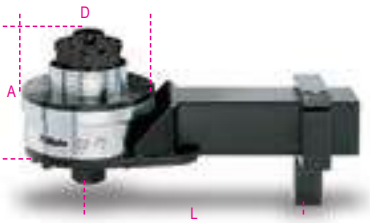


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	180	125	335	22,4

565-4R/VB 1 005650614

565-5R/VB

torque multiplier for right-hand and left-hand tightening
ratio 27:1
with anti-wind up system,
in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
9500	950	7000	3/4	1"1/2	184	180	155	355	30,4

565-5R/VB 1 005650615

567-4R/VB

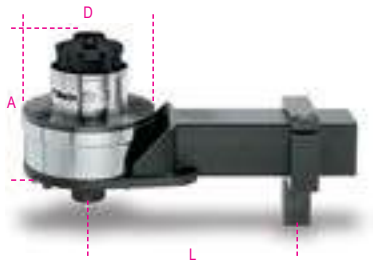
torque multiplier for right-hand and left-hand tightening
ratio 135:1
with anti-wind up system,
in case 565VV-B

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	210	125	335	24,4

567-4R/VB 1 005670614

567-5R/VB

torque multiplier for right-hand and left-hand tightening
ratio 135:1
with anti-wind up system,
in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
9500	950	7000	1/2	1"1/2	184	210	155	350	32,4

567-5R/VB 1 005670615

562VV-A

multiplier case,
made of hard-wearing polypropylene with sponge lining
Interior dimensions: 380x270x180 mm

562VV-A 1 005620501
562/1-562/2-564/3R
564/4R-565/1R-565/2R
565/3R

410x340x205 mm - 3,5 kg

565VV-B

multiplier case,
made of hard-wearing polypropylene with sponge lining
Interior dimensions: 480x370x205 mm

565VV-B 1 005650502
565/4R-565/5R
567/4R-567/5R

520x435x230 mm - 5,4 kg

GUIDE TO TORQUE WRENCHES

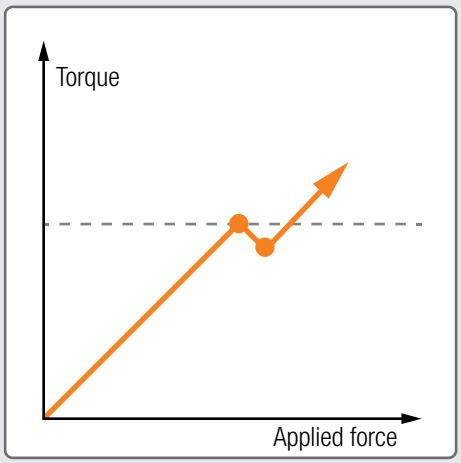
Torque wrenches must always be held in the middle of the handle, in order not to change the lever ratio. They must be operated smoothly and uninterruptedly, avoiding jerks.

The adjustment scale must be reset to zero after use, in order not to affect tightening precision. **This is not necessary with the Zero-Reset wrenches.**

Beta provides a wide range of wrenches, with **four different types of operation.**

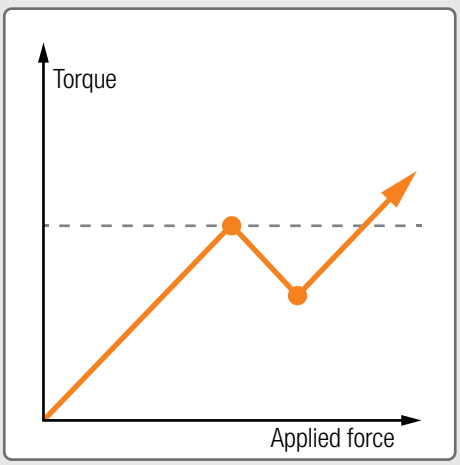
DIRECT READING MODELS

The applied tightening torque is transmitted directly to the reading index through compression of a coil spring. The applied torque can be read in real time through a pointer. A second pointer can be positioned on the target torque value. When the target torque value is reached, the second pointer will be hooked by the main pointer and record the peak value. Direct reading torque wrenches ensure remarkable accuracy and durability over time.



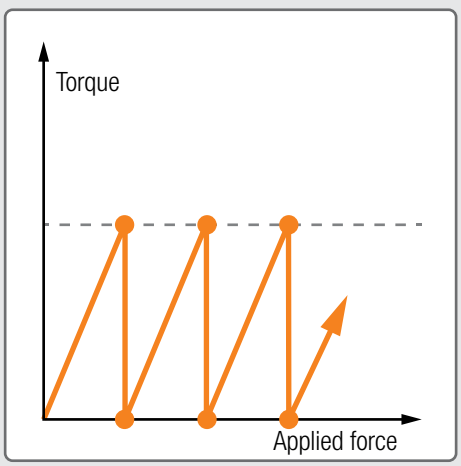
CLICK-TYPE MODELS

Click-type torque wrenches are the most popular models, as they are easy to use. They enable quick torque preselection by spring loading. The torque value increases as the applied force increases. When the required torque value is reached, a sudden release will occur, and the wrench will not apply any tightening force for approximately 3-5°. If the operator does not interrupt movement, the torque will keep increasing, thereby exceeding the required values.



BREAK-BACK MODELS

Break-back torque wrenches operate like click-type models, but when the required torque value is reached, a sudden release of the lever arm will occur (approximately 20°). Therefore, it is easier for the operator to stop applying force. They are normally used for high torque values with extremely long lever arms.



SLIPPING MODELS

When the pre-set torque value is reached, the slipping mechanism will stop the torque from being applied, thereby causing the tool to idle. This will prevent tightening with high torque values compared to the required ones. Keeping applying force will cause the same cycle to be repeated. They are ideal for operations in sequence with low torque values (electronic and micromechanical industries), where avoiding breaking delicate or small-sized parts is a priority.

FIELDS OF USE FOR TORQUE WRENCHES AND SCREWDRIVERS

1 Nm = 0,10197 Kgfm = 0,7375 lbf.ft

Nm 0 10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1000 1500 2000

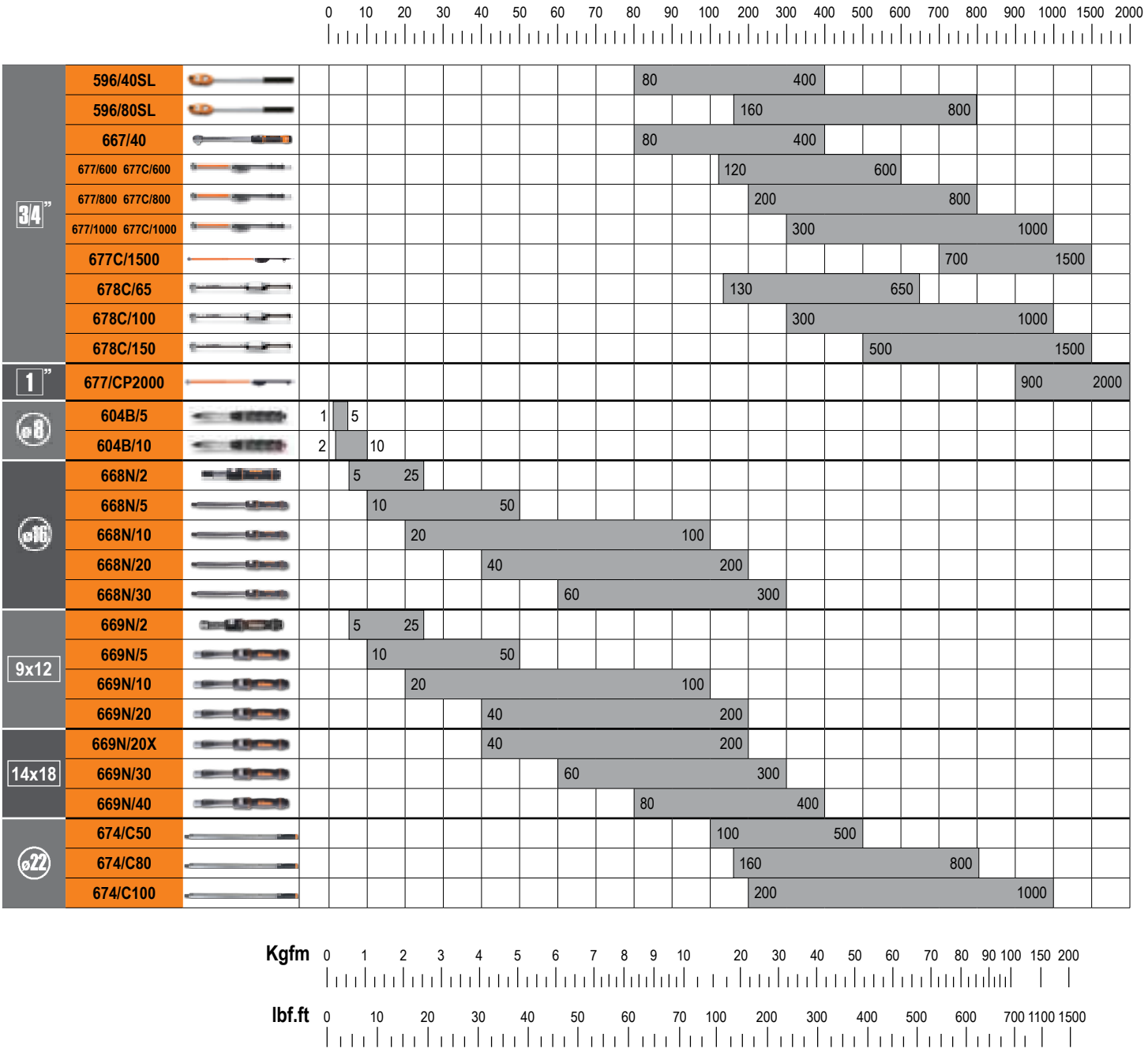
1/4"	581/5		1 – 5
	584/1		0,2 – 1
	584/5		1 – 5
	584/10		5 – 10
	590		0,8 – 4
	590/1		2,5 – 12,5
	599DGT-AW/30		6 – 30
	603/5		1 – 5
	603/10		2 – 10
	605E/5		1 – 5
	605E/10		2 – 10
	605BC/15		3 – 15
	605DGT/2		4 – 20
	666/2		5 – 25
	666 LBF.FT/2		4 LBF.FT – 18 LBF.FT
3/8"	592/3		5 – 25
	592/4		8 – 40
	599DGT/6		12 – 60
	599DGT-AW/135		27 – 135
	666/2X		5 – 25
	666/5		10 – 50
	666/10		20 – 100
	666 LBF.FT/2X		4 LBF.FT – 18 LBF.FT
	666 LBF.FT/5		7 LBF.FT – 37 LBF.FT
	666 LBF.FT/10		15 LBF.FT – 75 LBF.FT
	668RGC/6		12 – 60
1/2"	594/8		16 – 80
	594/21		40 – 200
	599DGT/10X		20 – 100
	599DGT/20		40 – 200
	599DGT/30		68 – 340
	599DGT-AW/340		68 – 340
	606MQ/50		5 – 50
	610L/5		90 – 130
	610L/5L		120 – 200
	610X/4		90 – 120
	666/10X		20 – 100
	666/20		40 – 200
	666/30		60 – 300
	666 LBF.FT/10X		15 LBF.FT – 75 LBF.FT
	666 LBF.FT/20		30 LBF.FT – 150 LBF.FT
	666 LBF.FT/30		50 LBF.FT – 230 LBF.FT
	667/20		40 – 200
	667/30		60 – 300
	668RGC/10X		20 – 100
	668RGC/20		40 – 200

Kgfm 0 1 2 3 4 5 6 7 8 9 10 20 30 40 50 60 70 80 90 100 150 200

lbf.ft 0 10 20 30 40 50 60 70 100 200 300 400 500 600 700 1100 1500

FIELDS OF USE FOR TORQUE WRENCHES AND SCREWDRIVERS

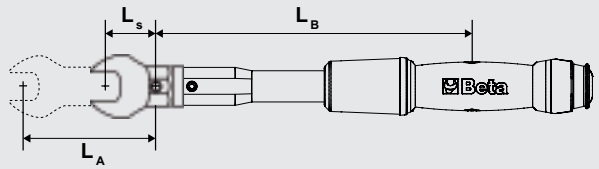
1 Nm = 0,10197 Kgfm = 0,7375 lbf.ft



Torque calculation

The lever arm changes for accessories differing from standard in length, LA ≠LS.
To calculate the correct torque to set, use the formula:

$$C = \frac{M \cdot (L_B + L_S)}{L_B + L_A} \; [N \cdot m]$$



C = torque to set

M = required torque

L_A = accessory length (see accessory specifications table)

L_B = bar length (see torque bar specifications table)

L_S = standard accessory length (see torque bar specifications table)

581/5

slip-torque screwdriver, ungraduated,
for right-hand tightening,
torque accuracy: +/-6%
(to set torque values, use item 680)

UNI EN ISO 6789

Nm	gfm	○	g
1÷5	100÷500	1/4"	285

581/5 — 1 005810006

584

slip-torque screwdriver,
for right-hand tightening,
torque accuracy: +/-6%

UNI EN ISO 6789

Nm	gfm	○	g	
0,2÷1	20÷100	1/4"	266	0,01

584/1 — 1 005840201

Nm	gfm	○	g	
1÷5	100÷500	1/4"	346	0,1

584/5 — 1 005840206

Nm	gfm	○	g	
5÷10	500÷1000	1/4"	349	0,1

584/10 — 1 005840210

584/C31

1 torque screwdriver, 8 hi-torque hexagon nut spinners, 20 bits and 2 accessories

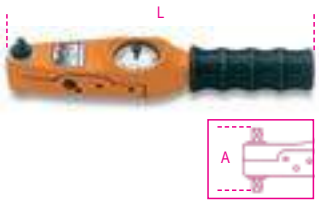
584/C31 — 1 005840931

Ⓜ	**584/5**	1 - 5 Nm
○	**900**	4-5-5,5-6-7-8-9-10 mm
◐	**860LP**	0,6x4,5 - 1x5,5 - 1,2x6,5 mm
✚	**860PH**	PH1 - PH2 (x2) - PH3
○	**860PE**	2-2,5-3-4-5 mm
✪	**860TX**	T9-T10-T15-T20-T25-T27-T30-T40
	882P/80	80 mm
	892/0	● 1/4 ■ 1/4

270x120x45 mm - 1,3 kg

590 - 592

direct reading torque wrenches
for right-hand and left-hand tightening
torque accuracy: ± 4%



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
0,8÷4	0,08÷0,4	7÷35	1/4	60	253	0,52	0,1

590 — 1 005900001

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
2,5÷12,5	0,25÷1,25	21÷110	1/4	60	253	0,52	0,5

590/1 — 1 005900003

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
5÷25	0,5÷2,5	44÷220	3/8	70	253	0,52	1,0

592/3 — 1 005920005

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
8÷40	0,8÷4	72÷360	3/8	70	253	0,52	1,0

592/4 — 1 005920007

594

direct reading torque wrenches
for right-hand and left-hand tightening
torque accuracy: ± 4%

1/2"

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
16÷80	1,6÷8	12÷60	1/2	85	455	1,35	2,0

594/8 — 1 005940011

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
40÷200	4÷20	30÷160	1/2	85	530	1,40	5,0

594/21 — 1 005940015

Torque calibration service at end of price list

596

direct reading torque wrenches
for right-hand and left-hand tightening
torque accuracy: ± 4%

A signal light and an intermittent sound mean the pre-set torque load is achieved.

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
80÷400	8÷40	60÷300	3/4	111	710	3,2	10

596/40SL — 1 005960010

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
160÷800	16÷80	120÷600	3/4"	115	1025	4,85	20

596/80SL — 1 005960020

599DGT

electronic torque wrench
with reversible ratchet,
right-hand (accuracy: ±2%) and left-hand
(accuracy: ±3%) tightening

- **Dual measurement mode: peak hold and track**
- **Light indicators and an intermittent sound inform user that preset torque has been reached**
- **Power supply: 2 1.5V batteries (included)**

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
12÷60	1,2÷6	8÷44	3/8	30	33	413	0,9	0,01

599DGT/6 — 1 005990003

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
20÷100	2÷10	15÷80	1/2	30	37	413	0,9	0,1

599DGT/10X — 1 005990010

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
40÷200	4÷20	30÷150	1/2	40	43	520	2	0,1

599DGT/20 — 1 005990020

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
68÷340	6,8÷34	58÷280	1/2	40	43	640	2,35	0,1

599DGT/30 — 1 005990030

599DGT-AW

electronic torque wrench,
torque and angle readout,
with reversible ratchet
and wireless data transmission,
right-hand (accuracy: ± 2%)
and left-hand (accuracy: ± 3%) tightening

- **Tightening types: torque, angle, torque + angle**
- **Dual measurement mode: peak hold and track**
- **Light indicators, an intermittent sound and tactile feedback inform user that preset torque or angle has been reached**
- **Last 999 peak torque and/or angle readings can be stored and displayed**
- **9 "Preset" modes can be saved and preset**
- **Bi-directional wireless data transmission, from wrench to software and vice versa, in mass or in real time**
- **Key safety lockout**
- **Wrench can be associated with a certain user via software**
- **Tightening data traceability. Software allows date and time, tool serial number, set tightening value and reached value to be stored and associated with user ID**
- **Customized data processing software with immediate, easy-to-read OK/NG result and real time display of charts**
- **Nonslip bi-material handle**
- **Wrench + software in 9 languages**
- **Included: 3 AA - 1.5V batteries, wireless USB key and software USB key**

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
6÷30	0,6÷3	4,5÷22	1/4	23,7	20,4	410	0,8	0,1

599DGT-AW/30 — 1 005990702

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
27÷135	2,7÷13,5	20÷100	3/8	30,5	27	445	1	1,0

599DGT-AW/135 — 1 005990713

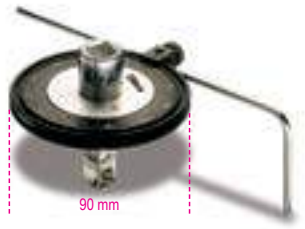
Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
68÷340	6,8÷34	50÷250	1/2	40	37	615	1,5	1,0

599DGT-AW/340 — 1 005990734

Torque calibration service at end of price list

600

torque angle indicators



	□	■		
600/1	1/2	1/2	1	006000001

601C

digital angle indicator

Light signals and an intermittent sound inform user that preset angle has been reached

601C	1	006010100

85x80x87 mm - 70 g

601CA

digital torque and angle indicator

light indicators and an intermittent sound inform user that preset torque or angle has been reached

	■	Nm			
1/2"	1/2"	40÷200	0,1	1	006010120

120x90x120 mm - 240 g

603

calibrated slipping torque wrenches
for right-hand tightening
torque accuracy: ±6%

1/4"

UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	g	
1÷5	0,1÷0,5	10÷45	1/4	35	195	235	0,05

603/5 1 006030005

Nm	Kgfm	lbf.in	■	A mm	L mm	g	
2÷10	0,2÷1,0	18÷90	1/4	35	195	235	0,1

603/10 1 006030010

604B

break-back torque bars
for right-hand and left-hand tightening
torque accuracy: ± 6%

UNI EN ISO 6789

Nm	kgfm	lbf.in	Ø mm	L mm	g	
1÷5	0,1÷0,5	10÷45	8	220	290	0,025

604B/5 1 006040015

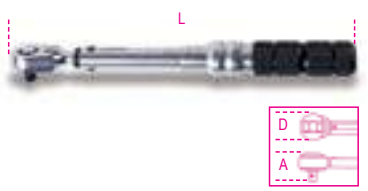
Nm	Kgfm	lbf.in	Ø mm	L mm	g	
2÷10	0,2÷1,0	18÷90	8	220	300	0,05

604B/10 1 006040020

605E

click-type torque wrenches
with reversible ratchets
for right-hand and left-hand tightening
torque accuracy: ± 6%

1/4"



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	g	
1÷5	0,1÷0,5	11÷47	1/4	20	190	180	0,05

605E/5 1 006050105

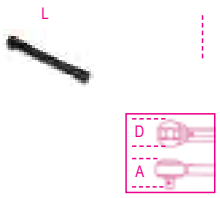
Nm	Kgfm	lbf.in	■	A mm	L mm	g	
2÷10	0,2÷1,0	22÷93	1/4	20	190	180	0,1

605E/10 1 006050110

605BC/15

click-type torque wrench
with reversible ratchet,
for right-hand tightening,
compact, made from aluminium,
torque accuracy: ± 4%

72z
1/4"



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	D mm	A mm	L mm	g	
3÷15	0,3÷1,5	26÷133	1/4	26	29	175	215	0,1

605BC/15 1 006050015

605DGT/2

electronic torque wrench
with reversible ratchet
for right-/left-hand tightening
torque accuracy ± 3% (right-hand)
± 4% (left-hand)

- **Dual measurement mode: peak hold and track**
- **Light indicators and an intermittent sound inform user that preset torque has been reached**
- **Power supply: 1 1.5V AAA battery (included)**

1/4"

UNI EN ISO 6789

Nm	Kgcm	lbf.ft	■	D mm	A mm	L mm	g	
4÷20	0,4÷2	35÷177	1/4	20	20	210	175	0,01

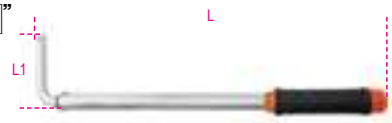
605DGT/2 1 006050302

610L/5

click-type torque wrenches
with L-shaped levers,
for right-hand tightening,
with 5 preset values,
torque accuracy: ± 4%

Selectable torque values:
90 - 100 - 110 - 120 - 130 Nm

1/2"



UNI EN ISO 6789

Nm	■	L mm	L1 mm	g	
90÷130	1/2	470	80	1350	10

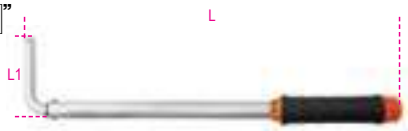
610L/5 1 006100125

610L/5L

click-type torque wrench
with L-shaped lever,
for right-hand tightening,
with 5 preset values,
torque accuracy: ± 4%

Selectable torque values:
120 - 140 - 160 - 180 - 200 Nm

1/2"



UNI EN ISO 6789

Nm	■	L mm	L1 mm	g	
120÷200	1/2	470	80	1400	20

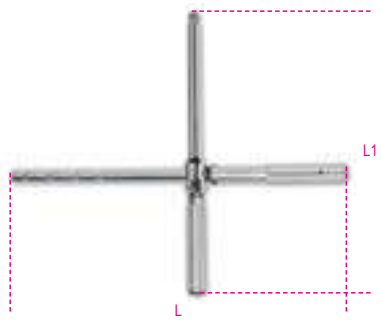
610L/5L 1 006100150

610X/4

click-type cross torque wrench
for right-hand tightening,
with 4 preset values,
torque accuracy: ±4%

Selectable torque values
90 - 100 - 110 - 120 Nm

1/2"

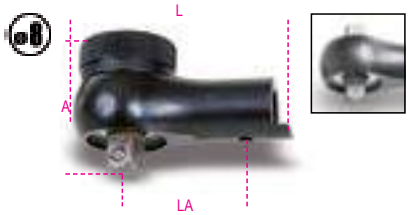


UNI EN ISO 6789

Nm	■	L mm	L1 mm	kg	
90÷120	1/2	400	342	1,45	10

610X/4 1 006100200

611
reversible ratchets
for torque bars items 604B/5 and 604B/10
8 mm drive



■	A mm	L mm	LA mm		
1/4	29	42,5	25	1	006110001

Torque calibration service at end of price list

612 ÷ 614
reversible ratchets for torque bars

Items 612 and 612X should not be used with tightening torques exceeding 100 Nm

	■	L mm	LA mm		
612	3/8	66	32	2	006120000
612X	1/2	66	32	2	006120010
614	1/2	71	32	2	006140000
614X	3/4	71	32	2	006140004

614/50
push-through ratchet for torque bars

	■	L mm	LA mm		
614/50	1/2	71	32	2	006140002

Spare rotating mechanisms of ratchets

100

615
reversible ratchets
for torque bars, rectangular drive

■ mm	■	L mm	LA mm		
9x12	3/8	53	28,8	1	006150010
9x12	1/2	53	28,8	1	006150020
14x18	1/2	70	39,8	1	006150120

616 - 617 - 619
fixed heads for torque bars

	■	L mm	LA mm		
616	1/4	61	32	1	006160000
617	3/8	61	32	1	006170000
619	1/2	63	32	1	006190000

621
bit holder accessories
for torque bars, rectangular drive

	■ mm	⬡	L mm	LA mm		
621P 1/4	9x12	1/4	43	28,8	1	006210000
* 621P 5/16	14x18	5/16	52,5	32,5	1	006210110

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

622
reversible ratchets
for torque bars,
round drive, Ø 22 mm

3/4" 1"

	■	L mm	LA mm		
622 3/4	3/4	110	56	1	006220019
622 1'	1	110	56	1	006220024

641
open jaw wrenches
for torque bars 604B/5 and 604B/10
8 mm drive

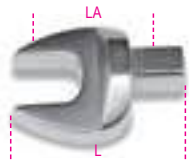
mm	L mm	LA mm		
4	37	25	1	006410003
5	37	25	1	006410004
5,5	37	25	1	006410005
6	37	25	1	006410006
7	37	25	1	006410007
8	42	25	1	006410008
9	42	25	1	006410009
10	42	25	1	006410010

642
open jaw wrenches for torque bars

mm	L mm	LA mm	A mm		
8	54	32	22	1	006420008
10	57	32	26	1	006420010
12	58	32	30	1	006420012
13	58	32	30	1	006420013
14	59	32	32	1	006420014
15	59	32	35	1	006420015
16	59	32	38	1	006420016
17	60	32	39	1	006420017
18	61	32	42	1	006420018
19	61	32	43	1	006420019
20	61	32	50	1	006420020
21	62	32	53	1	006420021
22	62	32	53	1	006420022
24	63	32	53	1	006420024
25	64	32	53	1	006420125
26	64	32	59	1	006420026
27	65	32	59	1	006420027
28	66	32	64	1	006420028
30	66	32	66	1	006420030
32	67	32	66	1	006420032
* 36	76	42	80	1	006420036
* 40	77	52	95	1	006420040
* 41	78	52	95	1	006420041
* 46	90	52	95	1	006420046

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

643
open jaw wrenches
for torque bars, rectangular drive



mm	■ mm	L mm	LA mm		
7	9X12	37	28,8	1	006430007
8	9x12	37	28,8	1	006430008
10	9x12	39	28,8	1	006430010
12	9x12	39	28,8	1	006430012
13	9x12	39	28,8	1	006430013
14	9x12	43	28,8	1	006430014
15	9x12	43	28,8	1	006430015
16	9x12	43	28,8	1	006430016
17	9x12	43	28,8	1	006430017
* 18	9x12	47	36,3	1	006430018
* 19	9x12	51	36,3	1	006430019
* 21	9x12	52	36,3	1	006430021
* 22	9x12	52	36,3	1	006430022

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

mm	■ mm	L mm	LA mm		
13	14x18	60	39,8	1	006430113
14	14x18	58	39,8	1	006430114
15	14x18	60	39,8	1	006430115
16	14x18	60	39,8	1	006430116
17	14x18	60	39,8	1	006430117
18	14x18	61	39,8	1	006430118
19	14x18	61	39,8	1	006430119
21	14x18	61	39,8	1	006430121
22	14x18	62	39,8	1	006430122
24	14x18	64	39,8	1	006430124
* 27	14x18	68	44,8	1	006430127
* 30	14x18	77	49,8	1	006430130
* 32	14x18	77	49,8	1	006430132
* 34	14x18	80	54,8	1	006430134
* 36	14x18	83	54,8	1	006430136
* 38	14x18	83	54,8	1	006430138
* 41	14x18	91	64,8	1	006430141

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

644
open jaw wrenches
for torque bars,
round drive, Ø 22 mm

mm	L mm	LA mm	A mm		
22	91	56	52	1	006440022
24	91	56	52	1	006440024
27	94	56	64	1	006440027
30	94	56	64	1	006440030
32	97	56	75,5	1	006440032
36	97	56	75,5	1	006440036
41	103,5	56	94	1	006440041
46	115,5	56	94	1	006440046

650A
adjustable wrenches
for torque bars,
rectangular drive

A min-max mm	■ mm	L mm	LA mm		
* 5-30	9X12	106	85,3	1	006500030
* 10-41	14X18	127	100	1	006500141

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

652
ring wrenches for torque bars

mm	L mm	LA mm		
8	58	32	1	006520008
10	58	32	1	006520010
12	58	32	1	006520012
13	58	32	1	006520013
14	58	32	1	006520014
15	62	32	1	006520015
16	63	32	1	006520016
17	64	32	1	006520017
18	65	32	1	006520018
19	65	32	1	006520019
22	68	32	1	006520022
24	69	32	1	006520024
26	71	32	1	006520026
27	71	32	1	006520027
30	73	32	1	006520030

653
ring wrenches
for torque bars, rectangular drive

mm	■ mm	L mm	LA mm		
7	9X12	40	28,8	1	006530007
8	9x12	40	28,8	1	006530008
10	9x12	43	28,8	1	006530010
12	9x12	44	28,8	1	006530012
13	9x12	44	28,8	1	006530013
14	9x12	45	28,8	1	006530014
15	9x12	46	28,8	1	006530015
16	9x12	47	28,8	1	006530016
17	9x12	47	28,8	1	006530017
18	9x12	48	28,8	1	006530018
19	9x12	49	28,8	1	006530019
21	9X12	51	28,8	1	006530021
22	9x12	51	28,8	1	006530022

mm	■ mm	L mm	LA mm		
14	14x18	61	39,8	1	006530114
18	14x18	64	39,8	1	006530118
19	14x18	66	39,8	1	006530119
21	14x18	66	39,8	1	006530121
22	14x18	67	39,8	1	006530122
24	14x18	69	39,8	1	006530124
* 27	14x18	76	44,8	1	006530127
* 30	14x18	77	44,8	1	006530130
* 32	14x18	79	44,8	1	006530132
* 34	14x18	80	44,8	1	006530134
* 36	14x18	80	44,8	1	006530136
* 41	14x18	90	49,8	1	006530141

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

659/15
adaptor with rectangular female (14x18 mm)
and male (9x12 mm) drives

L mm	□ mm	■ mm	LA mm		
* 51	14x18	9x12	32	1	006590815

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

659/16
adaptor with rectangular female (9x12 mm)
and male (14x18 mm) drives

L mm	□ mm	■ mm	LA mm		
* 51	9x12	14x18	31	1	006590816

***Caution! Recalculate torque value to set as shown in table in introductory page of section**

THE WRENCHES THAT DO NOT REQUIRE RELEASING TENSION AFTER USE

Even if tension is not released, the number of cycles,durability and tightening accuracy as requiredby reference standards are guaranteed.

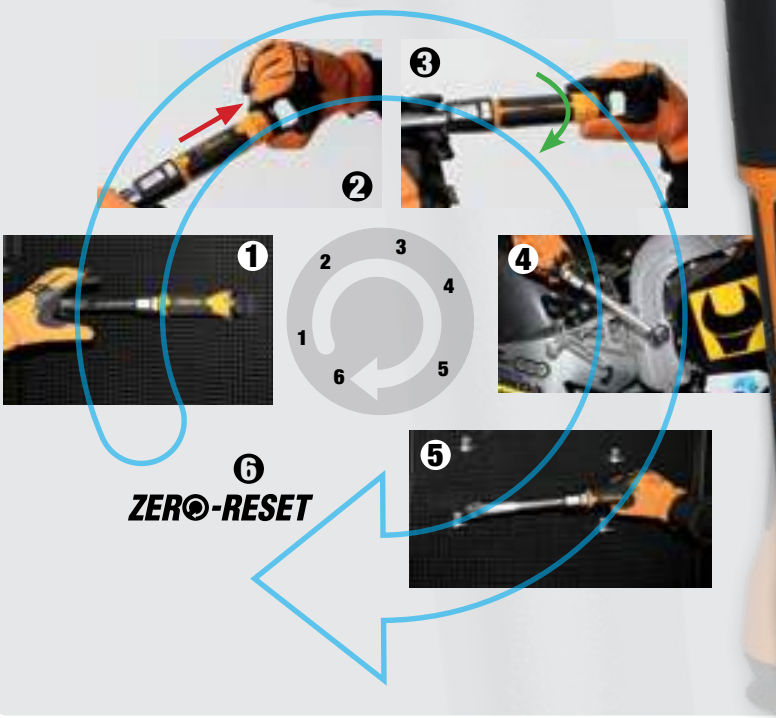
In order to confirm these parameters, Beta Utensili's Research & Development Department performed numerous durability tests at the in-house laboratories as at hundreds of end users'.

This result has been obtained through:
- the use of the best-performing currently available materials;
- special heat treatments on interior parts.

100% MADE IN ITALY

The Zero-Reset torque wrench was entirely designed and developed in-house and is manufactured at Beta Utensili's factories in Italy, using 100% Italian-made parts.

The settings of the wrench no longer have to be restored to a minimum level at the end of the cycle of use.



666

ZERO-RESET click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy: ± 3%

- **Does not require releasing tension**

UNI EN ISO 6789

Nm	■	D mm	A mm	L mm	g			
5÷25	1/4	26	25	273	395	0,05		
666/2							1	006660702

Nm	■	D mm	A mm	L mm	g	Incremento Nm		
5÷25	3/8	26	29	273	405	0,05		
666/2X							1	006660703

Nm	■	D mm	A mm	L mm	g			
10÷50	3/8	30	33	342	680	0,25		
666/5							1	006660705

Nm	■	D mm	A mm	L mm	g			
20÷100	3/8	30	33	385	760	0,25		
666/10							1	006660710

Nm	■	D mm	A mm	L mm	g	Incremento Nm		
20÷100	1/2	30	37	385	770	0,25		
666/10X							1	006660711

Nm	■	D mm	A mm	L mm	g			
40÷200	1/2	42	43	471	1020	0,5		
666/20							1	006660720

Nm	■	D mm	A mm	L mm	g			
60÷300	1/2	42	43	600	1270	1,0		
666/30							1	006660730

666/C2

ZERO-RESET
click-type torque wrench,
in bi-material case, 14 pieces,
with sockets and extension bars

• **Does not require releasing tension**

UNI EN ISO 6789

666/C2	1	006661002

666/2	5÷25 Nm
900	4÷13 mm
900/...	50-100 mm
900/16	900/16
895/1	895/1

335x145x60 mm

666/C5

ZERO-RESET
click-type torque wrench,
in bi-material case, 16 pieces,
with sockets and extension bars

• **Does not require releasing tension**

UNI EN ISO 6789

666/C5	1	006661005

666/5	10÷50 Nm
910A	8÷19 mm
910/20 - 910/21 - 910/22	125-250 mm
910/15	910/15
910/16	910/16
895/3	895/3

420x185x60 mm

666/C10X

ZERO-RESET
click-type torque wrench,
in bi-material case, 15 pieces,
with sockets and extension bars

• **Does not require releasing tension**

UNI EN ISO 6789

666/C10X	1	006661011

666/10X	20÷100 Nm
920A	10÷22 mm
920/20÷920/23	75-125 mm
920/15	920/15

420x185x60 mm

666/C20

ZERO-RESET
click-type torque wrench,
in metal case, 16 pieces,
with sockets and extension bars

• **Does not require releasing tension**

UNI EN ISO 6789

666/C20	1	006661020

666/20	40÷200 Nm
920A	13÷27 mm
920/20÷920/23	75-125-255 mm
920/15	920/15

510x180x45 mm

666/C30

ZERO-RESET
click-type torque wrench,
in metal case, 18 pieces,
with sockets and extension bars

• **Does not require releasing tension**

UNI EN ISO 6789

666/C30	1	006661030

666/30	60÷300 Nm
920A	13÷32 mm
920/20÷920/23	75-125-255 mm
920/16	920/16

620x180x45 mm

666 LBF.FT

ZERO-RESET click-type wrenches
with reversible ratchets,
for right-hand tightening,
torque accuracy: ± 3%

• **Does not require releasing tension**
• **Scale in lbf.ft**

UNI EN ISO 6789

lbf.ft	■	D mm	A mm	L mm	g	
4÷18	1/4	26	25	273	395	0,05

666 LBF.FT/2	1	006660762

lbf.ft	■	D mm	A mm	L mm	g	Incremento lbf.ft
4÷18	3/8	26	29	273	405	0,05

666 LBF.FT/2X	1	006660763

lbf.ft	■	D mm	A mm	L mm	g	Incremento lbf.ft
7÷37	3/8	30	33	342	680	0,25

666 LBF.FT/5	1	006660765

lbf.ft	■	D mm	A mm	L mm	g	Incremento lbf.ft
15÷75	3/8	30	33	385	760	0,25

666 LBF.FT/10	1	006660780

lbf.ft	■	D mm	A mm	L mm	g	Incremento lbf.ft
15÷75	1/2	30	37	385	770	0,25

666 LBF.FT/10X	1	006660781

lbf.ft	■	D mm	A mm	L mm	g	Incremento lbf.ft
30÷150	1/2	42	43	471	1020	0,5

666 LBF.FT/20	1	006660782

lbf.ft	■	D mm	A mm	L mm	g	
50÷230	1/2	42	43	600	1270	1,0

666 LBF.FT/30 — 1 — 006660783

667

ZERO-RESET click-type torque wrenches
with push-through ratchets,
for right-/left-hand tightening,
torque accuracy: ± 3%

- **Does not require releasing tension**

UNI EN ISO 6789

Nm	■	D mm	A mm	L mm	g	
40÷200	1/2	42	42	471	1035	0,5

667/20 — 1 — 006670720

Nm	■	D mm	A mm	L mm	g	
60÷300	1/2	42	42	600	1285	1,0

667/30 — 1 — 006670730

Nm	■	D mm	A mm	L mm	g	
80÷400	3/4	59	53	710	2220	1,0

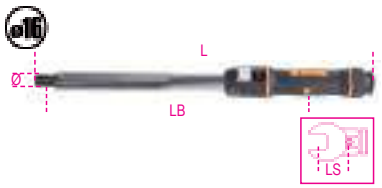
667/40 — 1 — 006670740

Spare rotating mechanisms of ratchets

100

668N

click-type torque bars,
for right-hand and left-hand tightening,
torque accuracy: ±3%



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g	
5÷25	0,5÷2,5	4÷18	16	220	148	32	300	0,2

668N/2 — 1 — 006680002

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g	
10÷50	1÷5	7÷37	16	307	229	32	590	0,5

668N/5 — 1 — 006680005

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g	
20÷100	2÷10	15÷75	16	376	269	32	670	1,0

668N/10 — 1 — 006680010

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g	
40÷200	4÷20	30÷150	16	450	352,6	32	795	2,0

668N/20 — 1 — 006680020

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g	
60÷300	6÷30	50÷220	16	588	475,9	32	1230	2,0

668N/30 — 1 — 006680030

668RGC

click-type torque wrench,
ungraduated,
with reversible ratchet,
for right-hand tightening,
torque accuracy: ± 4%
(for use with items 680 - 682)

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g	
12÷60	1,2÷6	5÷45	3/8	30	33	295	600	

668RGC/6 — 1 — 006680406

Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g	
20÷100	2÷10	15÷75	1/2	40	43	342	700	

668RGC/10X — 1 — 006680411

Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g	
40÷200	4÷20	30÷150	1/2	40	43	425	1000	

668RGC/20 — 1 — 006680420

669N

click-type torque bars,
rectangular female drive,
for right-hand and left-hand tightening,
torque accuracy: ± 3%

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
5÷25	0,5÷2,5	4÷18	9x12	215	140	28,8	300	0,2

669N/2 — 1 — 006690202

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
10÷50	1÷5	7÷37	9x12	307	226,8	28,8	590	0,5

669N/5 — 1 — 006690205

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
20÷100	2÷10	15÷75	9x12	376	266,8	28,8	670	1,0

669N/10 — 1 — 006690210

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
40÷200	4÷20	30÷150	9x12	450	345,6	28,8	795	2,0

669N/20 — 1 — 006690220

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
40÷200	4÷20	30÷150	14x18	450	351	39,8	795	2,0

669N/20X — 1 — 006690221

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
60÷300	6÷30	50÷220	14x18	588	468,5	39,8	1230	2,0

669N/30 — 1 — 006690230

Nm	Kgfm	lbf.ft	▢ mm	L mm	LB mm	LS mm	g	
80÷400	8÷40	60÷295	14x18	664	563	39,8	2100	5,0

669N/40 — 1 — 006690240

671B/C5

torque bar item 604B/5 and accessories

671B/C5 — 1 — 006710001

- **604B/5** 1÷5 Nm
- **611** 1/4
- **641** 5-6-7-8 mm
- **900** 4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,3 kg

671B/C10

torque bar item 604B/10 and accessories

671B/C10 — 1 — 006710002

- **604B/10** 2÷10 Nm
- **611** 1/4
- **641** 6-7-8-10 mm
- **900** 4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,4 kg

671N/C10

torque bar 668N/10
and accessories

3/8" ø16

671N/C10 — 1 — 006710110

	668N/10	20÷100 Nm
	612	■ 3/8
	617	■ 3/8
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	910A	□ 3/8 8-10-11-13-14-17-19 mm
	910/21	125 mm
	910/22	250 mm

400x180x45 mm - 4,3 kg

671N/C20

torque bar 668N/20
and accessories

1/2" ø16

671N/C20 — 1 — 006710120

	668N/20	40÷200 Nm
	614	■ 1/2
	619	■ 1/2
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	920A	□ 1/2 10-11-13-14-17-19-22 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

510x180x45 mm - 5,5 kg

671N/C30

torque bar 668N/30
and accessories

1/2" ø16

671N/C30 — 1 — 006710130

	668N/30	60÷300 Nm
	614	■ 1/2
	619	■ 1/2
	642	13-14-17-19 mm
	652	13-14-17-19 mm
	920A	□ 1/2 13-14-17-19-22-24-27 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

620x180x45 mm - 5,8 kg

674/C

click-type torque bars,
round drive Ø 22 mm,
for right-hand and left-hand tightening,
torque accuracy: ± 4%,
in case

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg	
100÷500	10÷50	80÷400	22	786	725	56	3,4	1,25

674/C50 — 1 — 006740005

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg	
160÷800	16÷80	120÷600	22	997	915	56	4,5	2,0

674/C80 — 1 — 006740008

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg	
200÷1000	20÷100	150÷750	22	997	915	56	4,5	2,5

674/C100 — 1 — 006740010

677

break-back torque wrenches
with push-through ratchets
for right-hand and left-hand tightening,
torque accuracy: ± 4%

3/4"

UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
120÷600	12÷60	100÷450	69	55	1059	6,0	10

677/600 — 1 — 006770006

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
200÷800	20÷80	150÷600	69	55	1319	6,7	10

677/800 — 1 — 006770008

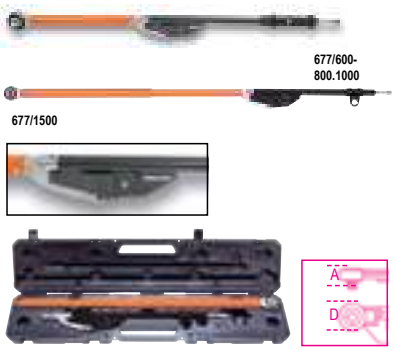
Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
300÷1000	30÷100	200÷750	69	55	1554	7,4	20

677/1000 — 1 — 006770010

677/C

break-back torque wrenches
with push-through ratchets,
for right-hand and left-hand tightening,
torque accuracy: ±4%
in case

3/4"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
120÷600	12÷60	100÷450	69	55	1059	6,0	10

677/C600 — 1 — 006770607

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
200÷800	20÷80	150÷600	69	55	1319	6,7	10

677/C800 — 1 — 006770612

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
300÷1000	30÷100	200÷750	69	55	1554	7,4	20

677/C1000 — 1 — 006770616

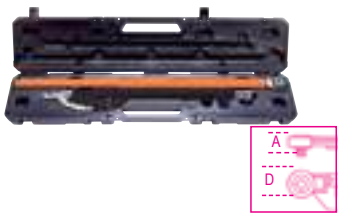
Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
700÷1500	70÷150	500÷1000	69	55	1869	9,6	25

677/C1500 — 1 — 006770621

677/CP2000

break-back torque wrenches
with push-through ratchets,
for right-hand and left-hand tightening,
torque accuracy: ± 4%
in case

1"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
900÷2000	90÷200	700÷1500	69	63	1940	12,75	50

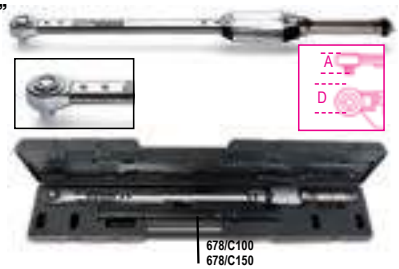
677/CP2000 — 1 — 006770721

678/C

click-type torque wrenches
with push-through ratchets
for right-hand and left-hand tightening,
torque accuracy: ± 4%
in case

• **Models 678/C100 and 678/C150 supplied complete with extensions.**

3/4"



UNI EN ISO 6789

	Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
678/C65	130÷650	13÷65	100÷480	63	55	885	3,9	5,0

678/C65	1	006780607

	Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
678/C100	300÷1000	30÷100	220÷750	75	60	1250	6,0	10

678/C100	1	006780611

	Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg	
678/C150	500÷1500	50÷150	370÷1100	75	60	1570	8,5	10

678/C150	1	006780615

680

electronic digital torque meter
Dynatester 680
for testing calibration,
clockwise/anticlockwise operation

• **Accuracy: ± 1% of read value**
• **Colour LCD display, 4 digits**
• **3 units of measurement: Nm - lbf.ft. - lbf.in**

	Nm	kg		
680/3	0,1÷3	1,4	1	006800000
680/30	1,5÷30	1,4	1	006800003
680/350	10÷350	2,6	1	006800035
680/2100	200÷2100	3,5	1	006800210

682

electronic digital torque meter
with transducer Dynatester 682
to be used either clockwise
or anticlockwise
Remarkable reading accuracy
Supplied with serial output RS 232
for printers

TECHNICAL FEATURES
Reading accuracy
± 1% of the read value
Available measuring units
Nm-dNm-cNm-Lbf.ft-Lbf.in-Ozf.in-Kgf.m-Kgf.cm-gf.cm
Supply range
90 to 264 V AC at 50/60 Hz
Dimensions 235x185x185 mm
Tolerance test according to norm ISO 6789
Acceptability range
for each torque wrench tested
Display
Menu available in 11 languages
Provided with all certificates required
Calibration certificate with UKAS traceability

	Nm	kg		
682/60	1.2÷60	5,9	1	006820006
682/400	8÷400	6,1	1	006820040
682/1500	30÷1500	6,4	1	006820150

IMPACT SOCKETS AND ACCESSORIES

Impact sockets are oversized compared to hand sockets, so that they can absorb high torque as developed by impact wrenches and torque multipliers.

The **bi-hex profile** allows for quick nut fit. They must be used with pins and grommets to prevent disengagement from the drive.

As well as the classic models in standard, long and long, slim series, **the XZN® profile** and a range of accessories for impact sockets are also available; furthermore, the range of accessories for impact sockets has been expanded.

710
impact sockets, standard series

3/8"

UNI/ISO 2725-2 DIN3129

mm	Ø mm	L mm	Ø1 mm		
7	12,5	28	19	3	007100007
8	13,8	28	19	3	007100008
10	16,3	28	19	3	007100010
11	17,5	30	19	3	007100011
12	19,0	30	19	3	007100012
13	20,0	30	22	3	007100013
14	21,3	30	22	3	007100014
17	25,0	30	22	3	007100017
19	27,5	30	22	3	007100019
22	32,0	32	22	3	007100022

710/C10
10 impact sockets

3/8"

UNI/ISO 2725-2 DIN3129

710/C10 — 1 007100910
7-8-10-11-12-13
14-17-19-22 mm

130x55x40 mm - 800 g

710/16
impact adaptor, 3/8" female and 1/2" male drives

3/8"

L mm	Ø mm	□	■		
32	22	3/8	1/2	3	007100810

710/20
3/8" drive impact extension bar

3/8"

L mm	Ø mm		
75	22	2	007100821

710/21
3/8" drive impact extension bar

3/8"

L mm	Ø mm		
125	22	2	007100823

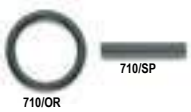
710/25
3/8" drive impact universal joint

3/8"

L mm	Ø mm		
58	24	2	007100830

710/OR... - 710/SP...
rubber O-rings and locking pins for impact sockets

3/8"



	710 mm	710/16 L mm		
710/OR1	7÷12		10	007100921
710/OR2	13÷22	32	10	007100922
710/SP1	7÷12		10	007100911
710/SP2	13÷22	32	10	007100912

720
impact sockets, standard series

1/2"

UNI/ISO 2725-2 DIN3129

mm	Ø mm	L mm	Ø1 mm		
8	15,0	38	25	5	007200008
9	16,0	38	25	5	007200009
10	17,0	38	25	5	007200010
11	18,5	38	25	5	007200011
12	20,0	38	25	5	007200012
13	21,0	38	25	5	007200013
14	22,5	38	25	5	007200014
15	23,0	38	30	5	007200015
16	25,0	38	30	5	007200016
17	26,0	38	30	5	007200017
18	27,5	38	30	5	007200018
19	28,5	38	30	5	007200019
20	30	38	30	5	007200020
21	31,0	38	30	5	007200021
22	32,5	38	30	5	007200022
23	34,0	38	30	5	007200023
24	35,0	38	30	5	007200024
27	38,5	45	30	3	007200027
29	41	47	30	3	007200029
30	42,0	50	30	3	007200030
32	44,0	50	30	3	007200032
36	50,0	50	30	3	007200036

720/C6
6 impact sockets

1/2"

UNI/ISO 2725-2 DIN3129

720/C6 — 1 007200910
13-14-17-19-22-24 mm

195x80x55 mm - 1100 g

720/C12
12 impact sockets

1/2"

UNI/ISO 2725-2 DIN3129

720/C12 — 1 007200912
10-11-12-13-14-17
19-22-24-27-30-32 mm

195x80x55 mm - 2000 g

720/C24
24 impact sockets

1/2"

720/C24 — 1 007200904

	720	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
	720L	13 - 17 - 19 - 21 - 22 - 24 mm
	720LC	17 - 19 - 21 mm

420x185x60 mm - 6,2 kg

720B
bi-hex impact sockets

UNI/ISO 2725-2 DIN3129

mm	Ø mm	L mm	Ø1 mm		
10	17	38	25	5	007201010
11	18	38	25	5	007201011
12	19	38	25	5	007201012
13	20	38	25	5	007201013
14	22	38	25	5	007201014
17	26	38	30	5	007201017
19	28	38	30	5	007201019
22	31,8	38	30	5	007201022
24	33,8	40	30	5	007201024
27	37,8	43	30	3	007201027
30	41,8	43	30	3	007201030
32	43,8	43	30	3	007201032

720B/C12
12 bi-hex impact sockets

UNI/ISO 2725-2 DIN3129

720B/C12 — 1 007201912
10-11-12-13-14-17
19-22-24-27-30-32 mm

195x80x55 mm - 2000 g

720L
impact sockets, long series

UNI/ISO 2725

mm	Ø mm	L mm	Ø1 mm		
10	17,0	80	25	2	007200310
11	18,5	80	25	2	007200311
12	20,0	80	25	2	007200312
13	21,0	80	25	2	007200313
14	22,5	80	25	2	007200314
15	23,0	80	30	2	007200315
16	25,0	80	30	2	007200316
17	26,0	80	30	2	007200317
18	27,5	80	30	2	007200318
19	28,5	80	30	2	007200319
21	31,0	80	30	2	007200321
22	32,5	80	30	2	007200322
24	35,0	80	30	2	007200324
27	38,5	80	30	2	007200327
30	42,0	80	30	2	007200330
32	44,0	80	30	2	007200332
36	50,0	80	30	2	007200336

720LS
impact sockets,
long, slim series

mm	D mm	L mm	Ø1 mm		
10	15,5	78	24	2	007200360
11	16,7	78	24	2	007200361
12	18,0	78	24	2	007200362
13	19,2	78	24	2	007200363
14	20,5	78	24	2	007200364
15	21,7	78	24	2	007200365
16	23,0	78	24	2	007200366
17	24,2	78	29	2	007200367
19	26,7	78	29	2	007200369
21	29,2	78	29	2	007200371
22	30,5	78	29	2	007200372
24	33,0	78	29	2	007200374
27	36,7	78	29	2	007200377
30	40,5	78	29	2	007200380
32	43,0	78	29	2	007200382
36	48,0	78	29	2	007200386

720LC
wheel nut impact sockets,
with coloured polymeric inserts

mm	Ø mm			
17	26,5		2	007200637
19	28,5		2	007200639
21	30,3		2	007200641
22	32,4		2	007200642
24	34,6		2	007200644

720LC/C3 — 1 007200653
17-19-21 mm

148x132x44 mm - 860 g

720LC/S5 — 1 007200645
17-19-21-22-24 mm

720LC/PM5 — 1 007200646
17-19-21-22-24 mm

PM 1/2-Q5
magnetic socket rail

PM 1/2-Q5 — 1 088880233

720LCL
wheel nut impact sockets
with coloured polymeric inserts,
long series

mm	Ø mm			
17	26,5		1	007200737
19	28,5		1	007200739
21	30,3		1	007200741

720LCL/C3 — 1 007200753
17-19-21 mm

210x50x150 mm - 1,65 kg

720MRC
impact socket
with polymeric insert for Mercedes wheel screw

mm	Ø mm	L mm	□		
17	27	85	1/2	1	007200631

720FRD
impact socket for Ford wheel nuts with aluminium damaged caps

required when nut caps are damaged by impact wrenches

mm	L mm		
18,5÷19,5	63	1	007200633

720RNG
impact socket for Jeep Renegade wheel nuts with aluminium damaged caps

required when nut caps are damaged by impact wrenches

mm	L mm		
16,5÷17,5	63	1	007200634

720TC/S5 1 007200779
90-100-110-120-135 Nm

260x50x175 mm - 1,35 kg

720FTX
impact sockets, for Torx® head screws

	Ø mm	L mm	Ø1 mm		
E12	15,9	38	25	2	007200412
E14	17,7	38	25	2	007200414
E16	20,0	38	25	2	007200416
E18	22,0	38	25	2	007200418
E20	25,0	40	25	2	007200420
E24	30,0	40	30	2	007200424

720FTX/SB6 1 007200450
E10-E12-E14
E16-E18-E20

720TX
impact socket drivers for Torx® head screws

	Ø mm	L mm	L1 mm		
T30	25	78	54	3	007200460
T40	25	78	54	3	007200470
T45	25	78	54	3	007200472
T50	25	78	54	3	007200474
T55	25	78	54	3	007200476
T60	25	78	54	3	007200478

720TX/C6
6 impact socket drivers for Torx® head screws

720TX/C6 1 007200483
T30-T40-T45-
T50-T55-T60

275x120x65 mm - 5700 g

720ME
impact socket drivers for hexagon screws

mm	Ø mm	L mm	L1 mm		
5	25	78	54	3	007200505
6	25	78	54	3	007200506
8	25	78	54	3	007200508
10	25	78	54	3	007200510
12	25	78	54	3	007200512
14	25	78	54	3	007200514
17	25	78	54	3	007200517
19	25	78	54	3	007200519

720ME/C8
8 impact socket drivers for hexagon screws

720ME/C8 1 007200525
5-6-8-10-12-
14-17-19 mm

270x120x45 mm - 1710 g

9899 720ME/C8 1 098990130
Thermoformed tray, empty

720XZN
impact socket drivers for for XZN® head screws

	Ø mm	L mm	L1 mm		
M4	25	77	53	3	007201504
M5	25	77	53	3	007201505
M6	25	77	53	3	007201506
M8	25	77	53	3	007201508
M10	25	77	53	3	007201510
M12	25	77	53	3	007201512
M14	25	77	53	3	007201514
M16	25	77	53	3	007201516
M18	25	77	53	3	007201518

720XZN/C6
6 impact socket drivers for XZN® head screws

720XZN/C6 1 007201530
M8-M10-M12-M14
M16-M18

275x120x65 mm - 5700 g

720/SN
impact sockets, articulated series

mm	Ø mm	L mm	Ø1 mm		
17	25,7	69,6	30	2	007200087
19	28,2	73,6	30	2	007200089
24	34,5	75,6	30	2	007200094

720/15
impact adaptor, 1/2" female and 3/8" male drives

L mm	Ø mm	□	■		
37,5	25	1/2	3/8	3	007200810

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

720/16
impact adaptor, 1/2" female and 3/4" male drives

12"

L mm	Ø mm	□	■		
44	30	1/2	3/4	3	007200814

720/20
1/2" drive impact extension bar

12"

L mm	Ø mm		
75	25	3	007200818

720/21
1/2" drive impact extension bar

12"

L mm	Ø mm		
125	25	3	007200822

720/22
impact extension bar, 1/2" male and female drives

12"

L mm	Ø mm		
250	25	3	007200824

720/25
1/2" drive impact universal joint

12"

L mm	Ø mm		
64	28	2	007200831

720/OR... - 720/SP...
rubber O-rings and locking pins for impact sockets

12"

	720 ⬬ mm	720TX ○		
720/OR1	10÷14	T30÷T60	10	007200923
720/OR2	15÷36		10	007200924
720/SP1	10÷14	T30÷T60	10	007200913
720/SP2	15÷36		10	007200914

727PI/16 1/2
impact bit holder for items 727/ES16, 727/ES16TX and 727/ES16XZN

⬡
12"

Ø mm	L mm	⬡ mm	□		
28	42	16	1/2	2	007270015

727PI/16
impact bit holder for item 727/ES16 and 727/ES16TX

⬡
3/4"

Ø mm	L mm	⬡ mm	□		
44	52	16	3/4	2	007270016

727/ES16
impact hexagon bits, 16 mm drive

○

mm	⬬ mm	L mm		
10	16	40	2	007270110
12	16	40	2	007270112
13	16	40	2	007270113
14	16	40	2	007270114
16	16	40	2	007270116
17	16	40	2	007270117
18	16	40	2	007270118
19	16	40	2	007270119
22	16	40	2	007270122

727/ES16TX
impact bits for Torx® head screws, 16 mm drive

○	⬬ mm	L mm		
T55	16	50	2	007270355
T60	16	50	2	007270360
T70	16	50	2	007270370

727/ES16XZN
impact bits for XZN® head screws, 16 mm drive

○	⬬ mm	L mm		
M6	16	60	2	007270606
M8	16	60	2	007270608
M10	16	60	2	007270610
M12	16	60	2	007270612
M14	16	60	2	007270614
M16	16	60	2	007270616
M18	16	60	2	007270618

727PI/22
impact bit holder for item 727/ES22 and 727/ES22TX

⬡
1"

Ø mm	L mm	⬡ mm		
54	70	22	2	007270022

727/ES22
impact hexagon bits, 22 mm drive

○

mm	⬬ mm	L mm		
19	22	50	2	007270219
22	22	50	2	007270222
24	22	50	2	007270224
27	22	50	2	007270227
30	22	50	2	007270230
32	22	50	2	007270232

727/ES22TX
impact bits for Torx® head screws, 22 mm drive

○	⬬ mm	L mm		
T80	22	60	2	007270480
T90	22	60	2	007270490
T100	22	60	2	007270500

727/C16
12 impact bits and 4 accessories

727/C16	1	007270900

727PI/16
727/ES16 14-17-19 mm
727/ES16TX T55-T60-T70
727PI/22
727/ES22 22-24-27 mm
727/ES22TX T80-T90-T100
96BPC 3-4 mm
335x145x60 mm - 3,6 kg

727PI/32
impact bit holder
for item 727/ES32

ø mm	L mm	⬡ mm		
86	66	32	1	007270032

727/ES32
impact hexagon bit,
32 mm drive

mm	⬢ mm	L mm		
19	32	44	2	007270519
22	32	44	2	007270522
24	32	44	2	007270524
27	32	44	2	007270527
30	32	44	2	007270530
32	32	44	2	007270532
36	32	44	2	007270536

728
impact sockets, standard series

UNI/ISO 2725-2 DIN3129

mm	ø mm	L mm	Ø1 mm		
17	30,0	51	44	2	007280017
18	31,0	51	44	2	007280018
19	32,5	51	44	2	007280019
21	35,0	51	44	2	007280021
22	36,0	51	44	2	007280022
23	37,5	51	44	2	007280023
24	38,5	51	44	2	007280024
27	42,5	53	44	2	007280027
28	44,0	53	44	2	007280028
30	46,0	53	44	2	007280030
32	48,5	57	44	2	007280032
33	50,0	57	44	2	007280033
34	51,0	57	44	2	007280034
35	52,5	57	44	2	007280035
36	53,5	57	44	2	007280036
38	56,0	57	44	1	007280038
40	58,5	58	44	1	007280040
41	60,0	58	44	1	007280041
44	64,0	62	44	1	007280044
45	65,0	62	44	1	007280045
46	66,0	62	44	1	007280046
50	71,0	68	54	1	007280050
55	77,5	71	54	1	007280055
60	83,0	73	54	1	007280060
65	88,0	78	54	1	007280065

728/C10
10 impact sockets

UNI/ISO 2725-2 DIN3129

728/C10 17-19-22-24-27-30 32-36-41-46 mm	1	007280910

275x120x65 mm - 5,7 kg

728B
bi-hex impact sockets

UNI/ISO 2725-2 DIN3129

mm	ø mm	L mm	Ø1 mm		
17	28,5	50	38	2	007280117
19	30	52	38	2	007280119
21	32	52	38	2	007280121
22	34	52	38	2	007280122
23	35	52	38	2	007280123
24	36	52	38	2	007280124
27	40	52	40	2	007280127
29	42	52	42	2	007280129
30	44	52	44	2	007280130
32	48	52	44	2	007280132
33	50	56	44	2	007280133
34	51	56	44	2	007280134
35	52	56	44	2	007280135
36	53,5	56	44	2	007280136
38	56	56	44	1	007280138
41	60	58	44	1	007280141
46	67	63	44	1	007280146

728B/C10
10 bi-hex impact sockets

UNI/ISO 2725-2 DIN3129

728B/C10 17-19-22-24-27 30-32-36-41-46 mm	1	007280930

275x120x65 mm - 5,7 kg

728AS
impact sockets,
standard series

"	ø mm	L mm	Ø1 mm		
3/4	32,0	51	41	1	007280219
13/16	35,0	51	41	1	007280221
7/8	36,0	51	41	1	007280222
15/16	38,5	51	41	1	007280224
1	40,0	53	41	1	007280225
1.1/16	42,5	53	44	1	007280227
1.1/8	44,0	53	44	1	007280230
1.1/4	48,5	57	44	1	007280232
1.5/16	50,0	57	44	1	007280233
1.7/16	53,5	57	44	1	007280236
1.5/8	60,0	58	44	1	007280241

728FTX
impact sockets, for Torx® head screws

	ø mm	L mm	Ø1 mm		
E20	28,5	50	44	2	007280420
E22	30,0	50	44	2	007280422
E24	32,5	50	44	2	007280424

728ME
impact socket drivers
for hexagon screws

mm	Ø mm	L mm	L1 mm		
12	44	100	67	3	007280712
14	44	100	67	3	007280714
17	44	100	67	3	007280717
19	44	100	67	3	007280719
22	44	100	67	3	007280722
24	44	100	67	3	007280724

728ME/C6
6 impact socket drivers
for hexagon screws

728ME/C6 12-14-17-19-22-24 mm	1	007280906

335x145x60 mm - 4,0 kg

728L
impact sockets,
long series

mm	D mm	L mm	Ø1 mm		
17	30	90	44	2	007280317
19	32,5	90	44	2	007280319
21	35,0	90	44	2	007280321
22	36,0	90	44	2	007280322
24	38,5	90	44	2	007280324
26	41,0	90	44	2	007280326
27	42,5	90	44	2	007280327
30	46,0	90	44	2	007280330
32	48,5	90	44	2	007280332
33	50,0	90	44	1	007280333
34	51,0	90	44	1	007280334
36	53,5	90	44	1	007280336
38	56,0	90	44	1	007280338
41	60,0	90	44	1	007280341
44	64,0	90	44	1	007280344
46	66,0	90	44	1	007280346
50	71,0	90	44	1	007280350
55	77,5	100	54	1	007280355

728LS
impact sockets, long slim series

mm	D mm	L mm	Ø1 mm		
17	28,0	100	43	2	007280517
19	30,5	100	43	2	007280519
22	34,3	100	43	2	007280522
24	36,8	100	43	2	007280524
27	40,5	100	43	2	007280527
30	44,3	100	43	2	007280530
32	46,8	100	43	2	007280532
33	48,0	100	43	2	007280533
36	51,8	100	43	1	007280536

728LQ
impact sockets, long series

(for ISUZU wheel nuts)

mm	□ mm	L mm	Ø mm	Ø1 mm		
19	90	35	43,5	1	007280619
21	90	42	43,5	1	007280621

728/15
impact adaptor, 3/4" female
and 1/2" male drives

mm	L mm	Ø mm	□	■		
58	38	3/4	1/2	2	007280810

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

728/16
impact adaptor, 3/4" female and 1" male drives

mm	L mm	Ø mm	□	■		
62	44	3/4	1	2	007280813

728/21
3/4" drive impact extension bar

mm	L mm	Ø mm		
175	44	2	007280815

728/22
3/4" drive impact extension bar

mm	L mm	Ø mm		
250	44	2	007280825

728/22L
3/4" drive impact extension bar

mm	L mm	Ø mm		
330	44	1	007280826

728/25
3/4" drive impact universal joint

mm	L mm	Ø mm		
107,5	44	1	007280830

728/OR - 728/SP
rubber O-rings and locking pins
for impact sockets

	728 mm	728FTX		
728/OR-/15	728/15		5	007280925
728/OR	17÷46	E20÷E24	10	007280926
728/SP	17÷46	E20÷E24	10	007280916

729
impact sockets, standard series

UNI/ISO 2725-2 DIN3129

mm	D mm	L mm	Ø1 mm		
24	41,5	58	54	1	007290024
27	45,0	60	54	1	007290027
30	49,0	62	54	1	007290030
32	51,5	63	54	1	007290032
33	52,5	63	54	1	007290033
34	54,0	63	54	1	007290034
36	56,5	66	54	1	007290036
41	62,5	68	54	1	007290041
46	69,0	72	54	1	007290046
50	74,0	76	54	1	007290050
55	80,0	84	54	1	007290055
60	86,5	88	54	1	007290060
65	92,5	92	54	1	007290065
70	99,0	96	54	1	007290070
75	105,0	102	63	1	007290075
80	111,5	102	63	1	007290080

729L
impact sockets, long series

1"

mm	D mm	L mm	Ø1 mm		
24	41,5	108	54	1	007290324
27	45,0	108	54	1	007290327
30	49,0	108	54	1	007290330
32	51,5	108	54	1	007290332
33	52,2	108	54	1	007290333
34	54,0	108	54	1	007290334
36	56,5	108	54	1	007290336
41	62,5	108	54	1	007290341
46	69,0	108	54	1	007290346
50	74,0	108	54	1	007290350
55	80,0	108	54	1	007290355
60	86,5	108	54	1	007290360
65	92,5	108	54	1	007290365
70	99,0	108	54	1	007290370

729LS
impact sockets, long slim series

1"

mm	D mm	L mm	Ø1 mm		
22	36,0	108	53	1	007290522
24	38,5	108	53	1	007290524
27	46,0	108	53	1	007290527
30	50,0	108	53	1	007290530
32	50,0	108	53	1	007290532
33	52,0	108	53	1	007290533
36	56,0	108	53	1	007290536

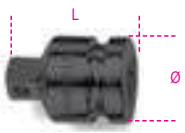
729T
impact torsion bars for wheel nuts

1"

mm		L mm		
24	350	300	1	007290724
27	450	300	1	007290757
30	500	300	1	007290730
32	450	300	1	007290732
32	600	300	1	007290762
36	600	300	1	007290736

729/15
impact adaptor, 1" female and 3/4" male drives

1"

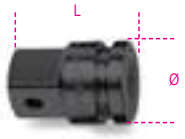


L mm	Ø mm	□	■		
66,5	54	1	3/4	1	007290810

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

729/16
impact adaptor, 1" female and 1.1/2" male drives

1"



L mm	Ø mm	□	■		
88	54,0	1	1.1/2	1	007290813

729/21
1" drive impact extension bar

1"

L mm	Ø mm		
175	54	1	007290815

729/22
1" drive impact extension bar

1"

L mm	Ø mm		
330	54	1	007290825

729/25
1" drive impact universal joint

1"

L mm	Ø mm		
130	54	1	007290830

729/OR... - 729/SP...
rubber O-rings and locking pins for impact sockets

3/4"
1"
1½"

	728 mm	729-730 mm		
729/OR1	50÷60	24÷70	5	007290927
729/OR2		75÷125	5	007290928
729/SP1	50÷60	24÷70	5	007290917
729/SP2		75÷125	5	007290918

730
impact sockets, standard series

1½"

UNI/ISO 2725 DIN 3129

mm	D mm	L mm	Ø1 mm		
50	81	87	84	1	007300050
55	88	90	86	1	007300055
60	94	95	86	1	007300060
65	100	100	86	1	007300065
70	106	105	86	1	007300070
75	113	110	86	1	007300075
80	119	115	86	1	007300080
85	125	120	86	1	007300085
90	132	125	86	1	007300090
95	138	125	96	1	007300095
100	144	130	96	1	007300100
105	150	135	96	1	007300105
110	157	140	96	1	007300110
115	163	140	96	1	007300115
120	169	145	96	1	007300120
125	175	145	96	1	007300125

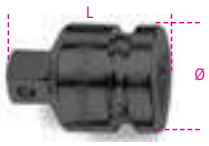
730L
hexagon impact sockets, long series

1½"

mm	Ø mm	L mm	Ø1 mm		
50	81	135	86	1	007300350
55	87	140	86	1	007300355
60	93	150	86	1	007300360
65	97	150	86	1	007300365
70	105	160	86	1	007300370
75	110	170	86	1	007300375
80	116	170	86	1	007300380
85	125	170	86	1	007300385
90	130	170	86	1	007300390
95	137	180	95	1	007300395
100	144	190	95	1	007300400
105	150	190	95	1	007300405

730/15
adaptor

1½"



L mm	Ø mm	□	■		
105	84,0	1.1/2	1	1	007300810

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

730/21

impact extension bar,
1.1/2" male and female square drives

1½"

L mm	Ø mm		
250	86	1	007300822

730/25

drive impact universal joint, 1.1/2" male and female square drives

1½"

L mm	Ø mm		
150	86	1	007300830

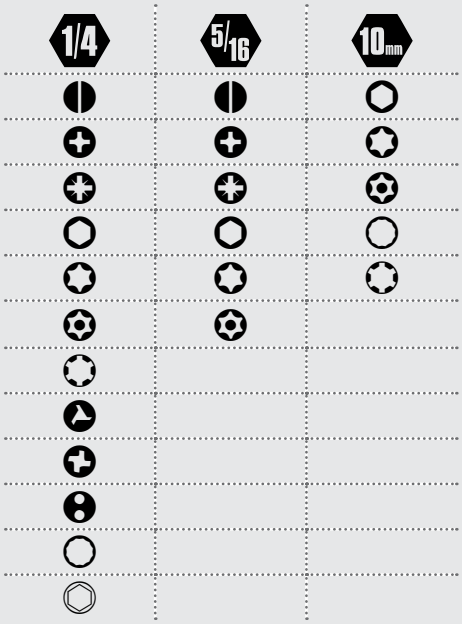
733/15

adaptor

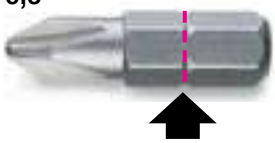
2½"

L mm	Ø mm	□	■		
156	127	2.1/2	1.1/2	1	007330810

BITS



ISO 1173-C 6,3



retainer spring seat

ISO 1173-E 6,3

retainer ball slot

851E

magnetic bit holder with handle

(14)

L1 mm	L mm		
11,5	121	2	008510009
45	165	2	008510016
125	245	2	008510024

851E/SR

quick release bit holder with handle

L mm	L1 mm		
230	110	2	008510002

855P

reversible ratchet bit holder with articulated handle and 7 built-in bits

(14)

	L mm	L1 mm		
855P	240	100	1	008550011
PH1 – PH2				
PZ1 – PZ2				
0,8x5,5 mm				
4 – 5 mm				

860LP

bits for slotted head screws, coloured

ISO 2351-1
ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	5	008600005
0,6x4,5	25	5	008600010
0,8x5,5	25	5	008600015
1x5,5	25	5	008600020
1,2x6,5	25	5	008600025

860PH

bits for cross head Phillips® screws, coloured

ISO 2351-2
ISO 1173 C 6,3

PH	L mm		
0	25	5	008600220
1	25	5	008600225
2	25	5	008600230
3	25	5	008600245
4	25	5	008600250

860PZ

bits for cross head Pozidriv® - Supadriv® screws, coloured

ISO 2351-2
ISO 1173 C 6,3

PZ	L mm		
1	25	5	008600320
2	25	5	008600325
3	25	5	008600330
4	25	5	008600335

860PE
hexagon bits for power drivers, coloured

ISO 2351-3
ISO 1173 C 6,3

mm	L mm		
2	25	5	008600101
2,5	25	5	008600102
3	25	5	008600103
4	25	5	008600104
5	25	5	008600105
6	25	5	008600106
8	25	5	008600108
10	25	5	008600110

860TX
bits for Torx® head screws, coloured

ISO 1173 C 6,3

	L mm		
T6	25	5	008600704
T7	25	5	008600705
T8	25	5	008600710
T9	25	5	008600715
T10	25	5	008600720
T15	25	5	008600725
T20	25	5	008600730
T25	25	5	008600735
T27	25	5	008600740
T30	25	5	008600745
T40	25	5	008600750

860RTX
bits for Tamper Resistant Torx® head screws, coloured

ISO 1173 C 6,3

	L mm		
T9	25	5	008600550
T10	25	5	008600555
T15	25	5	008600560
T20	25	5	008600565
T25	25	5	008600570
T27	25	5	008600575
T30	25	5	008600580
T40	25	5	008600585

860/55
reversible bit ratchet

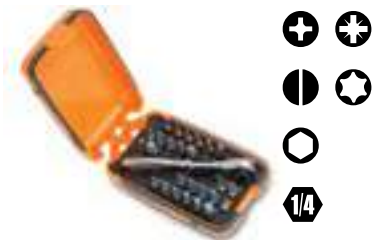
L mm			
100	1/4	3	008600870

860/58
bit ratchet with rotating handle

- **Bit can be fitted onto both sides, for screwing or unscrewing**
- **Bi-material handle**

	L mm		Ø mm	A mm		
860/58	126	1/4"	27	15	1	008600884

860/C27
25 bits,1 connector and 1 reversible ratchet in plastic case



860/C27	1	008600880

860/55		100 mm
860LP		0,5x3-1,0x5,5-1,2x6,5 mm
860PH		PH1-PH2(x2)-PH3
860PZ		PZ1-PZ2(x2)-PZ3
860PE		2-2,5-3-4-5-6 mm
860TX		T6-T8-T10-T15-T20-T25-T30-T40
892/0		● 1/4 ■ 1/4

860/C38P
1 reversible ratchet bit holder with articulated handle, 27 bits, 8 hexagon sockets and 2 accessories

860/C38P	1	008600878

860LP		0,6x4,5-0,8x5,5-1,0x5,5-1,2x6,5 mm
860PE		2-2,5-3-4-5 mm
860PH		PH1-PH2-PH3
860PZ		PZ1-PZ2-PZ3
860TX		T10-T15-T20-T25-T30-T40
900		5-5,5-6-7-8-9-10-13 mm
892/0		● 1/4 ■ 1/4
892/3		● 1/4 ■ 1/4
855P		240 mm

270x120x45 mm

861LP
bits for slotted head screws

ISO 2351-1

ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	10	008610005
0,6x4	25	10	008610007
0,6x4,5	25	10	008610010
0,8x5,5	25	10	008610015
1x5,5	25	10	008610020
1,2x6,5	25	10	008610025
1,2x8	25	10	008610028
1,6x8	25	10	008610030

861PH
bits for cross head Phillips® screws

ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	10	008610200
1	25	10	008610205
2	25	10	008610210
2L	50	10	008610213
3	25	10	008610215
4	25	10	008610220

861PH/C
bits for cross head Phillips® screws

ISO 2351-2
ISO 1173 C 6,3

PH	L mm		
0	25	200	008610250
1	25	200	008610255
2	25	200	008610260
2L	50	100	008610263
3	25	200	008610265
4	25	100	008610270

861PZ
bits for cross head
Pozidriv®-Supadriv® screws

ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	10	008610300
2	25	10	008610305
2L	50	10	008610308
3	25	10	008610310
4	25	10	008610315

861PZ/C
bits for cross head
Pozidriv®-Supadriv® screws

ISO 2351-2
ISO 1173 C 6,3

PZ	L mm		
1	25	200	008610350
2	25	200	008610355
2L	50	100	008610358
3	25	200	008610360
4	25	100	008610365

861PE
hexagon bits for power drivers

ISO 2351-3

ISO 1173 C 6,3

mm	L mm		
2	25	10	008610100
2,5	25	10	008610105
3	25	10	008610110
4	25	10	008610115
5	25	10	008610120
6	25	10	008610125
8	25	10	008610130
10	25	10	008610135

861TX
bits for Torx® head screws

ISO 1173 C 6,3

	L mm		
T5	25	10	008610399
T6	25	10	008610400
T7	25	10	008610405
T8	25	10	008610410
T9	25	10	008610415
T10	25	10	008610420
T15	25	10	008610425
T20	25	10	008610430
T25	25	10	008610435
T27	25	10	008610440
T30	25	10	008610445
T40	25	10	008610450

861TX/C
bits for Torx® head screws

ISO 1173 C 6,3

	L mm		
T10	25	200	008610470
T15	25	200	008610475
T20	25	200	008610480
T25	25	200	008610485
T27	25	200	008610490
T30	25	200	008610495
T40	25	200	008610499

861RTX
bits for Tamper Resistant Torx®
head screws

ISO 1173 C 6,3

	L mm		
T6	25	10	008610537
T7	25	10	008610538
T9	25	10	008610500
T10	25	10	008610505
T15	25	10	008610510
T20	25	10	008610515
T25	25	10	008610520
T27	25	10	008610525
T30	25	10	008610530
T40	25	10	008610535
T45	25	10	008610539

861TRW
bits for Tri-Wing® head screws

ISO 1173 C 6,3

GR	L mm		
1	25	10	008610601
2	25	10	008610602
3	25	10	008610603
4	25	10	008610604
5	25	10	008610605
6	25	10	008610606

861TQS
bits for Torq-Set® head screws

ISO 1173 C 6,3

GR	L mm		
0	25	10	008610620
1	25	10	008610621
2	25	10	008610622
3	25	10	008610623
4	25	10	008610624
5	25	10	008610625
6	25	10	008610626
8	25	10	008610628
10	25	10	008610630

861SP
bits for Spanner screws

ISO 1173 C 6,3

SP	D mm	L mm		
4	1,5	25	10	008610650
6	2,4	25	10	008610653
8	2,8	25	10	008610656
10	3,3	25	10	008610658
12	3,9	25	10	008610660

1483KV-PT/S7

1483KV PT/S7	159

861PHZ/A10

10 bits with magnetic bit holder,
in pocket case

861PHZ/A10		1	008610810
861PH	PH1		1
	PH2		3
	PH3		1
861PZ	PZ1		1
	PZ2		3
	PZ3		1
882M1	⎔ 1/4 ⬣ 1/4		

861PE/A10

10 bits with magnetic bit holder,
in pocket case

861PE/A10		1	008610820
861PE	2 - 2,5		1
	3 - 4 - 5		2
	6 - 8 mm		1
882M1	⎔ 1/4 ⬣ 1/4		

861TX/A10

10 bits with magnetic bit holder,
in pocket case

861TX/A10		1	008610870
861TX	T7 - T8 - T9 - T10 - T15 - T20 T25 - T27 - T30 - T40		1
882M1	⎔ 1/4 ⬣ 1/4		

861MIX/A10

10 bits with magnetic bit holder,
in pocket case

861MIX/A10		1	008610800
861LP	0,5x3 - 1x5,5 x 1,2x6,5 mm		1
861PH	PH1		1
	PH2		2
	PH3		1
861PZ	PZ1 - PZ2 - PZ3		1
882M1	⎔ 1/4 ⬣ 1/4		

861MIX/A31

30 bits with quick release magnetic bit holder,
in pocket case

861MIX/A31		1	008610802
861LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm		
861PH	PH0 - PH1 - PH2 - PH3 - PH4		
861PE	2 - 2,5 - 3 - 4 - 5 - 6 8 - 10 mm		
861PZ	PZ1 - PZ2 - PZ3 - PZ4		
861RTX	T9 - T10 - T15 - T20 - T25 T27 - T30 - T40		
882MSR 50	⎔ 1/4⬣ 1/4		

861/C61P

61 bits and 1 magnetic quick release bit holder

861/C61P		1	008610978
861LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1,0x5,5 1,2x6,5 - 1,2x8 - 1,6x8 mm		
861PE	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm		
861PH	PH0 - PH1 - PH2 - PH3		
861PZ	PZ1 - PZ2 - PZ3		
861TX	T6 - T7 - T8 - T9 - T10 - T15 T20 - T25 - T27 - T30 - T40		
861RTX	T9 - T10 - T15 - T20 - T25 T27 - T30 - T40		
861TRW	1 - 2 - 3 - 4 - 5 - 6		
861TQS	0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10		
861SP	4 - 6 - 8 - 10 - 12		
851SR	⎔ 1/4"		

270x120x45 mm - 975 g

862LP

bits for slotted head screws

ISO 2351-1

ISO 1173 E 6,3

SxA mm	L mm		
* 0,5x3	50	5	008620005
0,6x4,5	50	5	008620010
0,8x5,5	50	5	008620015
* 1x5,5	50	5	008620020
1,2x6,5	50	5	008620025
1,6x8	50	5	008620035

***SUBJECT TO AVAILABILITY**

862PH

bits for cross head Phillips® screws

ISO 2351-2

ISO 1173 E 6,3

PH	L mm		
1	50	5	008620200
2	50	5	008620205
3	50	5	008620210

862PH/L
bits for cross head Phillips® screws

ISO 2351-2

ISO 1173 E 6,3

PH	L mm		
1	70	5	008620230
2	70	5	008620232
3	70	5	008620234

862PZ
bits for cross head Pozidriv®-Supadriv® screws

ISO 2351-2

ISO 1173 E 6,3

PZ	L mm		
1	50	5	008620300
2	50	5	008620305
3	50	5	008620310

862PE
hexagon bits for power drivers

ISO 2351-3

ISO 1173 E 6,3

mm	L mm		
3	50	5	008620103
4	50	5	008620104
5	50	5	008620105
6	50	5	008620106
8	50	5	008620108

SUBJECT TO AVAILABILITY

862TX
bits for Torx® head screws

ISO 1173 E 6,3

	L mm		
T6	50	5	008620506
T7	50	5	008620507
T8	50	5	008620508
T15	50	5	008620515
T20	50	5	008620520
T25	50	5	008620525
T30	50	5	008620530
T40	50	5	008620540

862TX/L
bits for Torx® head screws

ISO 1173 E 6,3

	L mm		
T6	70	5	008620556
T7	70	5	008620557
T8	70	5	008620558
T9	70	5	008620559
T10	70	5	008620560
T15	70	5	008620565
T20	70	5	008620570
* T25	70	5	008620575
T27	70	5	008620577
T30	70	5	008620580
T40	70	5	008620590

*** SUBJECT TO AVAILABILITY**

862TX-XL
bits for Torx® head screws

ISO 1173 E 6,3

	L mm		
T9	100	5	008620659
T10	100	5	008620660
T15	100	5	008620665
* T20	100	5	008620670
T25	100	5	008620675
T27	100	5	008620677
* T30	100	5	008620680
T40	100	5	008620690

*** SUBJECT TO AVAILABILITY**

862F
magnetic bits, hexagon sockets

ISO 1173 E 6,3

mm	L mm	Ø mm		
5,5	65	11	5	008620405
6	65	11	5	008620406
7	65	11	5	008620407
8	65	13	5	008620408
10	65	15	5	008620410
12	65	18	5	008620412
13	65	18	5	008620413

862F/A7
7 magnetic bits, hexagon sockets, in plastic case

862F/A7	1	008620950

862F 5,5-6-7-8-10-12-13 mm

862XP/A16
16 impact bits in pocket-size case

862XP/A16	1	008620960

- PH2(x2)-PH3
- PZ2(x2)-PZ3
- T20-T25(x2) T30(x2)-T40(x2)
- 4-5-6 mm

866LP
bits for slotted head screws

ISO 2351-1
ISO 1173 C 8

SxA mm	L mm		
1x5,5	41	10	008660005
1,2x6,5	41	10	008660010
1,6x8	41	10	008660015
1,6x10	41	10	008660020
2x12	41	10	008660025

866PH
bits for cross head Phillips® screws

ISO 2351-2

ISO 1173 C 8

PH	L mm		
1	32	10	008660200
2	32	10	008660205
3	32	10	008660210
4	38	10	008660215

866PZ
bits for cross head Pozidriv®-Supadriv® screws

ISO 2351-2

ISO 1173 C 8

PZ	L mm		
1	32	10	008660300
2	32	10	008660305
3	32	10	008660310
4	38	10	008660315

866PE
hexagon bits for power drivers

ISO 2351-3

ISO 1173 C 8

mm	L mm		
3	30	10	008660100
4	30	10	008660105
5	30	10	008660110
* 6	30	10	008660115
7	30	10	008660117
8	30	10	008660120
10	30	10	008660125
12	30	10	008660132

*** SUBJECT TO AVAILABILITY**

866TX
bits for Torx® head screws

ISO 1173 C 8

	L mm		
T25	30	10	008660405
T27	30	10	008660410
T30	30	10	008660415
T40	30	10	008660420
T45	30	10	008660425
T50	30	10	008660430
T55	30	10	008660435
T70	30	10	008660445

867PE
hexagon bits

mm	L mm		
4	30	5	008670104
5	30	5	008670105
6	30	5	008670106
7	30	5	008670107
8	30	5	008670108
10	30	5	008670110
12	30	5	008670112

867PE/L
hexagon bits

mm	L mm		
4	75	5	008670154
5	75	5	008670155
6	75	5	008670156
7	75	5	008670157
8	75	5	008670158
10	75	5	008670160
12	75	5	008670162

867XZN
bits with XZN® profile

	L mm		
M4	30	5	008670204
M5	30	5	008670205
M6	30	5	008670206
M8	30	5	008670208
M10	30	5	008670210
M12	30	5	008670212

867XZN/L
bits with XZN® profile

	L mm		
M5	75	5	008670255
M6	75	5	008670256
M8	75	5	008670258
M10	75	5	008670260
M12	75	5	008670262

867TX
bits for Torx® head screws

	L mm		
T20	30	5	008670400
T25	30	5	008670405
T30	30	5	008670410
T40	30	5	008670415
T45	30	5	008670420
T50	30	5	008670425
T55	30	5	008670430

867TX/L
bits for Torx® head screws

	L mm		
T20	75	5	008670450
T25	75	5	008670455
T30	75	5	008670460
T40	75	5	008670465
T45	75	5	008670470
T50	75	5	008670475
T55	75	5	008670480

867RTX
bits for Tamper Resistant Torx® head screws

	L mm		
T20	30	5	008670500
T25	30	5	008670505
T30	30	5	008670510
T40	30	5	008670515
T45	30	5	008670520
T50	30	5	008670525
T55	30	5	008670530

867RTX/L
bits for Tamper Resistant Torx® head screws

	L mm		
T20	75	5	008670550
T25	75	5	008670555
T30	75	5	008670560
T40	75	5	008670565
T45	75	5	008670570
T50	75	5	008670575
T55	75	5	008670580

867RIBE
bits for RIBE® screws

	L mm		
M5	30	5	008670705
M6	30	5	008670706
M7	30	5	008670707
M8	30	5	008670708
M9	30	5	008670709
M10	30	5	008670710
M11	30	5	008670711
M12	30	5	008670712
M13	30	5	008670713

867RIBE/L
bits for RIBE® screws

	L mm		
M5	75	5	008670755
M6	75	5	008670756
M7	75	5	008670757
M8	75	5	008670758
M9	75	5	008670759
M10	75	5	008670760
M11	75	5	008670761
M12	75	5	008670762
M13	75	5	008670763

867/...
bit holder sockets for item 867

	⬡ mm	□	L mm	Ø mm		
867/1	10	3/8"	38	17	5	008670600
867/2	10	1/2"	38	22	5	008670601

867/C20
18 bits for RIBE® screws, with 10 mm hexagon drive and 2 accessories

867/C20	1	008670920

867RIBE 5-6-7-8-9-10-11-12-13 mm
867RIBE/L 5-6-7-8-9-10-11-12-13 mm
867/1
867/2
335x145x60 mm - 1,7 kg

867/C38
38 hexagon bits, 10 mm, 1 bit holder with articulated T handle

867/C38	1	008670938

852 10 mm
867PE 4-5-6-7-8-10-12mm
867PE/L 4-5-6-7-8-10-12mm
867XZN M5-M6-M8-M10-M12
867XZN/L M5-M6-M8-M10-M12
867TX T20-T25-T30-T40-T45-T50-T55
867TX/L T20-T25-T30-T40-T45-T50-T55
882
420x185x60 mm - 3 kg

867/C52
52 hexagon bits, 10 mm and 2 accessories

867/C52	1	008670901

867PE 4-5-6-7-8-10-12 mm
867PE/L 4-5-6-7-8-10-12 mm
867XZN M5-M6-M8-M10-M12
867XZN/L M5-M6-M8-M10-M12
867TX T20-T25-T30-T40-T45-T50-T55
867TX/L T20-T25-T30-T40-T45-T50-T55
867RTX T20-T25-T30-T40-T45-T50-T55
867RTX/L T20-T25-T30-T40-T45-T50-T55
867/1 ⬡ 10 mm - □ 3/8"
867/2 ⬡ 10 mm - □ 1/2"
250x170x70 mm - 2,1 kg

882
bit holder with retaining ring for drivers

ISO 1173 E 6,3

L mm	⬡	●	Ø mm		
57	1/4	1/4	11	5	008820001

882AN
bevel gearbox, 1/4" hexagon drive

- **For electric drills with 10 mm and 13 mm spindles and 1/4" impact wrenches**
- **Max. speed: 3600 rpm**
- **Max. torque: 30 Nm**
- **With quick change bit holder**
- **Gear ratio: 1:1**
- **Connection to tool through 1/4" hexagon D6.3**

ISO 1173 E 6,3
ISO 1173 C 6,3

L mm	⬡	●		
137	1/4	1/4	1	008820090

882M1
magnetic bit holder

ISO 1173 E 6,3

L mm	⬡	●	Ø mm		
50	1/4	1/4	11	5	008820006

882M
magnetic bit holder

ISO 1173 E 6,3

L mm	⬡	●	Ø mm		
75	1/4	1/4	11	5	008820005

882MSR
magnetic quick release bit holder for drivers

ISO 1173 E 6,3

L mm	⬡	●	Ø mm		
50	1/4	1/4	11	5	008820205

882P
magnetic bit holder extension bar

L mm	●	⬡	Ø mm		
80	1/4	1/4	10	5	008820080

892
adaptors for drivers

	■	●	L mm		
892/0	1/4	1/4	25	5	008920000
* **892/1**	1/4	5,5	50	5	008920001
* **892/2**	3/8	5,5	50	5	008920002
° **892/3**	1/4	1/4	50	5	008920003
° **892/4**	3/8	1/4	50	5	008920004
892/5	1/4	5/16	75	5	008920005
892/6	3/8	5/16	75	5	008920006
892/7	1/2	1/4	75	5	008920007

*** ISO 1173 A 5,5**
° ISO 1173 C 6,3

895
socket holder for bits
item 861 - 862 - 866

DIN 7427

	⬡	□	L mm	Ø mm		
895/1	1/4	1/4	25,4	12	5	008950000
895/3	1/4	3/8	29	16,8	5	008950001
895/4	5/16	3/8	29	16,8	5	008950002
895/5	1/4	1/2	38	22	5	008950005
895/6	5/16	1/2	38	22	5	008950003

897
flexible bit holder with handle

L mm	L1 mm		
280	154	2	008970010

897L
flexible bit holder with handle, long model

L mm	L1 mm		
500	380	2	008970015

RATCHETS, HAND SOCKETS AND ACCESSORIES

BETA'S ESTABLISHED RANGE OF RATCHETS, DESIGNED AND MANUFACTURED IN THE COMPANY'S ITALIAN-BASED FACTORIES, HAS BEEN RESTYLED AND EXPANDED.

100% MADE BY Beta

Ratchet with up to 72 teeth: take-up angle of 5° for jobs in small spaces. 17-tooth serration, including 11 always in grip.

Minimum head size for easier access. Phosphated square drive.

One-handed reversal.

Hand pressure on the ratchet head does not cause any accidental reversal or release of the socket.

The versions with 1/2" and 3/4" square drives rely on approximately 6% weight reduction, for optimal handling and increased ease of use, without affecting sturdiness or performance.

STRAIGHT LEVER

INNOVATIVE MATERIALS
FOR TOP PERFORMANCE

BENT LEVER

EASY ACCESS
TO SMALL SPACES

900
hexagon hand sockets

1/4"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
4	6,8	25	11,8	10	009000040
4,5	7,4	25	11,8	10	009000045
5	8,0	25	11,8	10	009000050
5,5	8,7	25	11,8	10	009000055
6	9,3	25	11,8	10	009000060
7	10,4	25	11,8	10	009000070
8	11,8	25	12,7	10	009000080
9	12,7	25	11,8	10	009000090
10	14,2	25	12,0	10	009000100
11	15,8	25	12,5	10	009000110
12	17,2	25	13,5	10	009000120
13	18,0	25	13,5	10	009000130
14	20,0	25	15,0	10	009000140

1/4"

UNI/ISO 2725-1 DIN3124

900/SB13 4-4,5-5-5,5-6-7-8-9 10-11-12-13-14 mm	1	009000150

900MB
bi-hex hand sockets

1/4"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
4	6,7	22	11,2	5	009000160
5	7,7	25	11,2	5	009000161
5,5	8,3	25	11,2	5	009000162
6	9,0	25	11,2	5	009000163
7	10,2	25	11,2	5	009000164
8	11,3	25	12,0	5	009000165
9	13,0	25	12,0	5	009000166
10	14,3	25	12,9	5	009000167
11	16,0	25	14,3	5	009000168
12	17,4	25	16,0	5	009000169
13	18,0	25	16,4	5	009000170
14	19,3	25	17,9	5	009000171

1/4"

UNI/ISO 2725-1 DIN3124

900MB/SB12 4-5-5,5-6-7-8-9-10 11-12-13-14 mm	1	009000179

900L
hexagon hand sockets, long series

UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
4	6,5	50	12,0	5	009000181
4,5	7,0	50	12,0	5	009000182
5	7,5	50	12,0	5	009000183
5,5	8,5	50	12,0	5	009000184
6	9,5	50	12,0	5	009000185
7	10,5	50	12,0	5	009000186
8	12,0	50	12,0	5	009000187
9	13,0	50	13,0	5	009000188
10	14,0	50	14,0	5	009000189
11	16,0	50	16,0	5	009000190
12	17,5	50	17,5	5	009000191
13	17,5	50	17,5	5	009000192
14	20,0	50	20,0	5	009000193

UNI/ISO 2725-1 DIN3124

900L/SB13 — 1 009000203
4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm

900AS
hexagon hand sockets

"	Ø mm	L mm	Ø1 mm		
5/32	8,8	25	11,9	5	009000349
3/16	7,7	25	11,9	5	009000340
7/32	8,8	25	11,9	5	009000345
1/4	9,6	25	11,9	5	009000350
9/32	10,2	25	11,9	5	009000355
5/16	11,3	25	11,9	5	009000360
11/32	12,7	25	11,6	5	009000365
3/8	14,0	25	12,9	5	009000370
7/16	15,3	25	14,5	5	009000375
1/2	17,5	25	16,4	5	009000380
9/16	19,0	25	17,9	5	009000385

900AS/SB11 — 1 009000389
3/16-7/32-5/32-1/4-9/32-5/16
11/32-3/8-7/16-1/2-9/16

900AS/MBL
bi-hex hand sockets, long series

"	Ø mm	L mm	Ø1 mm		
5/32	6,8	50	12,0	2	009000325
3/16	8,0	50	12,0	2	009000326
7/32	8,5	50	12,0	2	009000327
1/4	9,8	50	12,0	2	009000328
9/32	10,9	50	12,0	2	009000329
5/16	11,6	50	12,0	2	009000330
11/32	13,0	50	12,0	2	009000331
3/8	14,3	50	12,8	2	009000332
7/16	16,0	50	14,2	2	009000333
1/2	18,0	50	16,2	2	009000334
9/16	19,0	50	17,1	2	009000335

900FTX
hand sockets for Torx® head screws

	Ø mm	L mm	Ø1 mm		
E4	5,4	22	11,2	5	009000404
E5	6,7	22	11,2	5	009000405
E6	7,7	22	11,2	5	009000406
E7	8,3	22	11,2	5	009000407
E8	9,6	22	11,2	5	009000408
E10	11,3	22	12,0	5	009000410
E11	12,1	22	12,5	5	009000411
E12	12,9	23	12,9	5	009000412
E14	14,0	25	14,0	5	009000414

900FTX/SB9 — 1 009000419
E4-E5-E6-E7-E8
E10-E11-E12-E14

900LP
socket drivers for slotted head screws

SxA mm	Ø mm	L mm	L1 mm		
0,8x4	12	28	9	5	009000605
1x5,5	12	28	9	5	009000610
1,2x6,5	12	28	9	5	009000615
1,2x8	13	28	8	5	009000620
1,6x10	14	28	8	5	009000625

900PH
socket drivers
for cross head Phillips® screws

PH	Ø mm	L mm	L1 mm		
1	12	28	12	5	009000701
2	12	28	12	5	009000702
3	12	28	12	5	009000703
4	13	28	11	5	009000704

900PH/SB4 — 1 009000708
PH1-PH2-PH3-PH4

900PZ
socket drivers for cross head Pozidriv®-
Supadriv® screws

PZ	Ø mm	L mm		
1	12	28	3	009000711
2	12	28	3	009000712
3	12	28	3	009000713

900ME
socket drivers for hexagon screws

mm	Ø mm	L mm	L1 mm		
2,5	12	25	4,5	5	009000502
3	12	25	5,0	5	009000503
4	12	25	5,6	5	009000504
5	12	25	6,3	5	009000505
6	12	25	7,6	5	009000506
7	13	25	7,2	5	009000507
8	13	25	8,0	5	009000508
10	13	25	8,7	5	009000510

900ME/SB8 — 1 009000518
2,5-3-4-5-6-7-8-10 mm

900PE/AS
socket drivers for hexagon screws

"	Ø mm	L mm		
1/8	11,9	25	5	009000521
5/32	11,9	25	5	009000522
3/16	11,9	25	5	009000523
7/32	11,9	25	5	009000524
1/4	11,9	25	5	009000525
9/32	13,1	25	5	009000526
5/16	13,1	25	5	009000527

900PT
socket drivers for 5-star head screws

	Ø mm	L mm	L1 mm		
PT20	12	28	12	5	009000760
PT25	12	28	12	5	009000765
PT30	12	28	12	5	009000770

900TX
1/4" socket drivers for Torx® head screws

	Ø mm	L mm	L1 mm		
T6	12	28	12	5	009000717
T7	12	28	12	5	009000718
T8	12	28	12	5	009000719
T9	12	28	12	5	009000720
T10	12	28	12	5	009000721
T15	12	28	12	5	009000722
T20	12	28	12	5	009000723
T25	12	28	12	5	009000724
T27	12	28	12	5	009000725
T30	12	28	12	5	009000726
T40	12	28	12	5	009000727

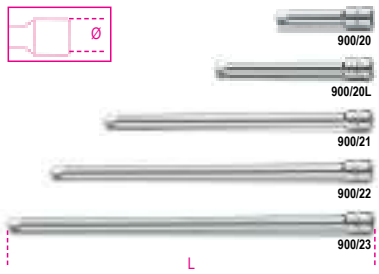
900TX/SB8 T9-T10-T15-T20 T25-T27-T30-T40	1	009000730

900/16
adaptor, 1/4" female and 3/8" male drives

UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
28	13,0	1/4	3/8	5	009000814

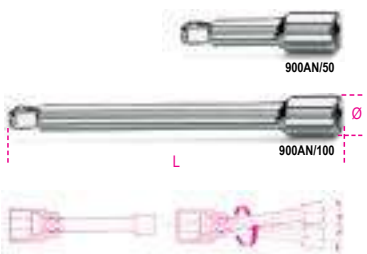
900/...
1/4" female and male drive extension bars



UNI/ISO 3316 DIN 3123

	L mm	Ø mm		
900/20	50	11,5	5	009000818
900/20L	100	11,5	5	009000819
900/21	150	11,5	5	009000822
900/22	250	11,5	5	009000823
900/23	350	11,5	5	009000824

900AN
1/4" wobble extension bars



	L mm	Ø mm		
900AN/50	50	11,5	3	009000825
900AN/100	100	11,5	3	009000826

900FL
1/4" flexible universal extension bar

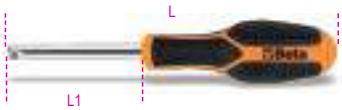
L mm	Ø mm		
150	12	3	009000828

900/25
1/4" drive universal joint

UNI/ISO 3316 DIN 3123

L mm	Ø mm		
41	12,5	5	009000830

900BG/31
1/4" male square drive, with handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
177	68	5	009000847

900BG/31C
1/4" male square drive, with handle

L mm	L1 mm		
129	20	5	009000831

900/32
1/4" drive flexible handle

L mm	L1 mm		
280	154	2	009000839

900/35A
1/4" drive swivel handle

UNI/ISO 3315 DIN 3122

L mm	L1 mm		
148	84	5	009000840

900/40
1/4” drive swivel T-handle

1/4”

L mm	L1 mm		
390	145	3	009000843

900/42
1/4” drive sliding T-handle

1/4”

UNI/ISO 3315 DIN 3122

L mm	A mm		
115	22	5	009000854

900T/44
1/4" male drive, bent,
with high torque handle

1/4”

L mm	L1 mm		
238	105	2	009000860

900/55
1/4" male square drive reversible ratchet,
48-tooth mechanism

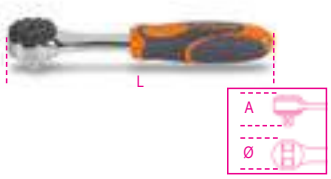
48 1/4”

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
127	25	29	5	009001155

900/55Z
1/4" drive reversible ratchet, 72 tooth
mechanism

72 1/4”



L mm	Ø mm	A mm		
126	25	23	3	009000882

900E/55
1/4" male square drive
reversible ratchet,
48-tooth mechanism

48 1/4”

L mm	Ø mm	A mm		
125	26	25	5	009001255

900M/55
1/4” drive reversible ratchet
with metal handle

1/4”

20

UNI/ISO 3315
DIN 3122

L mm	Ø mm	A mm		
110	22	18	3	009000905

Spare rotating mechanisms of ratchets

100

900/58
1/4" drive reversible ratchet
with rotating handle,
52 tooth mechanism

- **Socket release button**
- **Ring nut reversal system on ratchet head**
- **Bi-material handle**

1/4”

52

L mm	Ø mm	A mm		
126	28	28,5	2	009000884

900/C39N
11 hexagon sockets, 21 bits and 7 accessories

1/4”

1/4

900/C39N		1	009000947

	861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
	861PH	PH1-PH2-PH3
	861PZ	PZ1-PZ2-PZ3
	861PE	2,5-3-4-5-6 mm
	861RTX	T10-T15-T20-T25-T27-T30-T40
	900	5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/20	50 mm
	900/20L	100 mmm
	900/25	
	900BG/31C	129 mm
	892/0	
	895/1	
	900/55Z	126 mm

900/C39U
11 gear lock sockets, 21 bits and 7
accessories

1/4”

1/4

900/C39U		1	009001947

	861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
	861PH	PH1-PH2-PH3
	861PZ	PZ1-PZ2-PZ3
	861PE	2,5-3-4-5-6 mm
	861RTX	T10-T15-T20-T25-T27-T30-T40
	900U	◎ 5-5,5-6-7-8-9-10-11-12-13-14 mm “ 13/64-7/32-1/4-9/32-5/16 11/32-3/8-7/16-15/32-1/2-9/16 ◎ E7-E8-E10-E12-E14-E16-E18 ○ M6-M8-M10-M12-M14-M16-M18
	900/20	50 mm
	900/20L	100 mmm
	900/25	
	900BG/31C	129 mm
	892/0	
	895/1	
	900/55Z	126 mm

900/C11

11 hexagon sockets, 20 bits and 8 accessories

1/4"

900/C11 — 1 009000971

861LP	0,5x3 - 0,8x5,5 1x5,5 - 1,2x6,5 mm
861PE	3 - 4 - 5 - 6 - 8 mm
861PH	0 - 1 - 2 - 3
861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
895/1	
900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/42	
900/55N	

270x120x45 mm - 1,2 kg

9899 900C11 — 1 098990142

900/C11Z

11 hexagon sockets, 20 bits and 8 accessories

1/4"

900/C11Z — 1 009000984

861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
861PE	3 - 4 - 5 - 6 - 8 mm
861PH	0 - 1 - 2 - 3
861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
895/1	
900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/42	
900/55Z	

350x150x50 mm - 1,2 kg

9899 900C11 — 1 098990142

900/C12MR

12 hexagon sockets, 20 bits and 7 accessories in foam tray, in metal case

1/4"

900/C12MR — 1 009000962

900	4-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/21	150 mm
900/25	
900/42	115 mm
900BG/31	177 mm
900/58	
895/1	
861TX	T8-T10-T15-T20-T25-T30-T40
861PH	PH0-PH1-PH2-PH3
861LP	0,5-0,8-1-1,2 mm
861PE	3-4-5-6-8 mm

350x150x50 mm 1,3 kg

900/C12MZ

12 hexagon sockets, 20 bits and 7 accessories in foam tray

1/4"

900/C12MZ — 1 009000983

861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
861PE	3-4-5-6-8 mm
861PH	PH0-PH1-PH2-PH3
861TX	T8-T10-T15-T20-T25-T30-T40
895/1	
900	4-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/42	115 mm
900/55Z	

350x150x50 mm - 1,2 kg

900/C13-5

13 hexagon sockets and 5 accessories

1/4"

900/C13-5 — 1 009000953

900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/42	
900/55N	

270x120x45 mm - 1 kg

9899 900/C13-5 — 1 098990131
Thermoformed tray, empty

900/C13-8

13 hexagon sockets and 8 accessories

1/4"

900/C13-8 — 1 009000954

900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/35A	
900/42	
900/55N	

270x120x45 mm - 1,1 kg

900MB/C19

11 bi-hex sockets and 8 accessories

1/4"

900MB/C19	1 009000977
900MB	5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/35A	
900/42	
900/55N	

270x120x45 mm - 1,1 kg

900/C24

13 hexagon sockets, 11 socket drivers and 6 accessories

1/4"

900/C24	1 009000956
900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
900LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
900PH	PH1 - PH2 - PH3
900ME	3 - 4 - 5 - 6 - 8 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/42	
900/55N	

270x120x45 mm - 1,1 kg

900MB/C28

11 bi-hex sockets, 11 socket drivers and 6 accessories

1/4"

900MB/C28	1 009000979
900MB	5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm
900LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
900PH	PH1 - PH2 - PH3
900ME	3 - 4 - 5 - 6 - 8 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/42	
900/55N	

270x120x45 mm - 1,1 kg

900AS/C10 - /MB-C17

10 sockets and 7 accessories

1/4"

900AS/C10	1 009000961
900AS	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	177 mm
900/35A	
900/42	
900/55N	

270x120x45 mm - 1,1 kg

900/C11HR

11 hexagon sockets, 20 bits and 7 accessories in hard foam tray, in metal case

- ratchet with rotating handle

1/4

1/4"

900/C11HR	1 009000980
861LP	0,5x3-0,8x5,5-1x5,5-1,2x6,5 mm
861PH	PH0-PH1-PH2-PH3
861PE	3-4-5-6-8 mm
861TX	T8-T10-T15-T20-T25-T30-T40
895/1	
900	5-5,5-6-7-8-9-10-11-12-13-14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900/42	
900BG/31	177 mm
900/58	

350x150x50 mm - 1,3 kg

902R/C6

6 adaptors for socket drivers

902R/C6	1 009020814
900/16	□ 1/4 - ■ 3/8
910/15	□ 3/8 - ■ 1/4
910/16	□ 3/8 - ■ 1/2
920/15	□ 1/2 - ■ 3/8
920/16	□ 1/2 - ■ 3/4
928/15	□ 3/4 - ■ 1/2

170x100x35 mm - 600 g

902A/C22

22 hexagon sockets and 6 accessoriesin metal case

14" 12"

902A/C22		1	009020807

900	5-5,5-6-7-8-9-10-11-12-13 mm	
900/20	50 mm	
900/25		
900/55N		
920A	10-13-14-15-17-18-19 22-24-27-30-32 mm	
920/21	125 mm	
920/25		
920/55N		

420x185x60 mm - 3,5 kg

9899 902A/C22 Thermoformed tray, empty		1	098990133

910A

hexagon hand sockets

3/8"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
6	9,5	28	16,7	5	009100006
7	10,7	28	16,7	5	009100007
8	12,1	28	16,7	5	009100008
9	13,2	28	16,7	5	009100009
10	14,6	29	16,7	5	009100010
11	15,8	29	16,7	5	009100011
12	17,2	30	17,7	5	009100012
13	18,4	31	17,0	5	009100013
14	19,7	32	17,5	5	009100014
15	20,9	32	18,0	5	009100015
16	22,2	33	18,5	5	009100016
17	23,2	33	19,0	5	009100017
18	24,7	34	20,0	5	009100018
19	25,8	35	21,0	5	009100019
20	27,2	35	22,0	5	009100020
21	28,2	36	23,0	5	009100021
22	29,7	37	24,0	5	009100022

3/8"

UNI/ISO 2725-1 DIN3124

910A/SB17 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm		1	009100030

910B

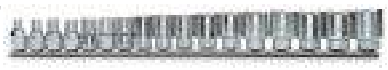
bi-hex hand sockets

3/8"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
6	9,5	28	16,7	5	009100106
7	10,7	28	16,7	5	009100107
8	12,1	28	16,7	5	009100108
9	13,2	28	16,7	5	009100109
10	14,6	29	16,7	5	009100110
11	15,8	29	16,7	5	009100111
12	17,2	30	17,7	5	009100112
13	18,4	31	17,0	5	009100113
14	19,7	32	17,5	5	009100114
15	20,9	32	18,0	5	009100115
16	22,2	33	18,5	5	009100116
17	23,2	33	19,0	5	009100117
18	24,7	34	20,0	5	009100118
19	25,8	35	21,0	5	009100119
20	27,2	35	22,0	5	009100120
21	28,2	36	23,0	5	009100121
22	29,7	37	24,0	5	009100122

3/8"



UNI/ISO 2725-1 DIN3124

910B/SB17 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm		1	009100130

910AL

hexagon hand sockets, long series

3/8"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
8	12,0	55	17	3	009100158
9	13,0	55	17	3	009100159
10	14,5	55	17	3	009100160
11	16,0	55	17	3	009100161
12	17,0	55	17	3	009100162
13	18,0	55	17	3	009100163
14	20,0	55	18	3	009100164
15	21,0	55	20	3	009100165
16	22,0	55	20	3	009100166
17	23,5	55	22	3	009100167
18	24,5	55	23	2	009100168
19	25,0	55	24	2	009100169
21	27,0	65	26	2	009100171
22	29,0	65	28	2	009100172

UNI/ISO 2725-1 DIN3124

910AL/SB14 8-9-10-11-12-13-14 15-16-17-18-19-21-22 mm		1	009100174

910BL

bi-hex hand sockets, long series

3/8"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
8	12,0	55	17	3	009100308
9	13,0	55	17	3	009100309
10	14,5	55	17	3	009100310
11	16,0	55	17	3	009100311
12	17,0	55	17	3	009100312
13	18,0	55	17	3	009100313
14	20,0	55	18	3	009100314
15	21,0	55	20	3	009100315
16	22,0	55	20	3	009100316
17	23,5	55	22	3	009100317
18	24,5	55	23	2	009100318
19	25,0	55	24	2	009100319
21	27,0	65	26	2	009100321
22	29,0	65	28	2	009100322

3/8"

UNI/ISO 2725-1 DIN3124

910BL/SB14 8-9-10-11-12-13 14-15-16-17-18 19-21-22 mm		1	009100340

910B/SN

swivel end bi-hex hand sockets

3/8"

mm	Ø mm	L mm	Ø1 mm		
11	15,8	49,5	19	2	009100231
12	17,0	50,0	19	2	009100232
13	18,3	51,0	19	2	009100233
14	19,5	51,0	19	2	009100234
15	20,8	53,5	19	2	009100235
17	23,3	54,5	19	2	009100237
18	24,5	54,5	19	2	009100238
19	25,8	56,5	19	2	009100239

910AS
bi-hex hand sockets

"	Ø mm	L mm	Ø1 mm		
1/4	9,5	28	16,7	5	009100201
5/16	12,1	28	16,7	5	009100202
11/32	13,2	28	16,7	5	009100203
3/8	14,6	29	16,7	5	009100204
7/16	15,8	29	16,7	5	009100205
1/2	18,4	31	17,0	5	009100206
9/16	19,7	32	17,5	5	009100207
19/32	20,9	32	18,0	5	009100208
5/8	22,2	33	18,5	5	009100209
11/16	24,7	34	20,0	5	009100210
3/4	25,8	35	21,0	5	009100211
13/16	28,2	36	23,0	5	009100212
7/8	29,7	37	24,0	5	009100213

910AS/SB13 1 009100215
1/4-5/16-11/32-3/8-7/16
1/2-9/16-19/32-5/8-11/16
3/4-13/16-7/8

910AS/L
bi-hex hand sockets, long series

"	Ø mm	L mm	Ø1 mm		
1/4	10	55	17	3	009100350
5/16	12	55	17	3	009100351
3/8	14	55	17	3	009100352
7/16	16	55	17	3	009100353
1/2	18	55	17	3	009100354
9/16	20	55	18	3	009100355
19/32	21	55	20	3	009100356
5/8	22	55	20	3	009100357
11/16	23	55	22	3	009100359
3/4	25	55	24	3	009100360
13/16	27	65	26	3	009100362
7/8	29	65	28	3	009100363

910ASL/SB12 1 009100365
1/4-5/16-3/8-7/16
1/2-9/16-19/32-5/8-11/16
3/4-13/16-7/8

910AS/SN
swivel end bi-hex hand sockets

* SAE AS 954E

"	Ø mm	L mm	Ø1 mm		
* 3/8	14,0	48,0	19	2	009100260
* 1/2	18,3	51,0	19	2	009100262
* 9/16	19,5	51,0	19	2	009100263
* 5/8	22,0	53,5	19	2	009100264
11/16	24,5	54,5	19	2	009100265
3/4	25,8	56,5	19	2	009100266

910FTX
hand sockets for Torx® head screws

	Ø mm	L mm	Ø1 mm		
E4	6,2	26	17,3	5	009100404
E5	7,0	26	17,3	5	009100405
E6	8,3	26	17,3	5	009100406
E7	8,9	26	17,3	5	009100407
E8	9,9	26	17,3	5	009100408
E10	12,0	26	17,3	5	009100410
E11	13,3	26	17,3	5	009100411
E12	14,5	26	17,3	5	009100412
E14	15,8	26	17,3	5	009100414
E16	18,0	26	17,3	5	009100416

910FTX/SB9 1 009100430
E4-E5-E6-E7-E8
E10-E12-14-E16

910FTX-XL/C10
set of 10 hand sockets for Torx® head screws, long series,
in plastic case

910FTX/XL-C10 1 009100976
E6-E7-E8-E10-E11-
E12-E14-E16-E18-E20

255x195x62 mm - 2,3 kg

910LP
socket drivers for slotted head screws

SxA mm	Ø mm	L mm	L1 mm		
1x5,5	18,5	54	24	2	009100452
1,2x6,5	18,5	54	24	2	009100453
1,2x8	18,5	54	24	2	009100454
1,6x9	18,5	54	24	2	009100456

910PH
socket drivers for cross head Phillips® screws

PH	Ø mm	L mm	L1 mm		
1	18,5	48	18	2	009100471
2	18,5	48	18	2	009100472
3	18,5	48	18	2	009100473
4	18,5	48	18	2	009100474

910PH/SB4 1 009100478
PH1-PH2-PH3-PH4

910PE
socket drivers for hexagon screws

3/8"

DIN 7422

mm	Ø mm	L mm	L1 mm		
3	18,5	50	20	5	009100490
4	18,5	50	20	5	009100492
5	18,5	50	20	5	009100494
6	18,5	50	20	5	009100496
7	18,5	50	20	5	009100497
8	18,5	50	20	5	009100498
9	18,5	50	20	5	009100499
10	18,5	50	20	5	009100500

3/8"

910PE/SB7 1 009100503
3-4-5-6-7-8-10 mm

910BP
ball head socket drivers
for hexagon screws

3/8"

mm	L mm	l1 mm		
4L	92	62	3	009100584
5L	92	62	3	009100585
6L	92	62	3	009100586
7L	92	62	3	009100587
8L	92	62	3	009100588
10L	132	102	3	009100590

3/8"

910BP/SB6L 1 009100596
4L-5L-6L-7L-8L-10L mm

910ME
socket drivers for hexagon screws

3/8"

mm	Ø mm	L mm	L1 mm		
4	18	62	15	5	009100504
5	18	62	15	5	009100505
6	18	62	15	5	009100506
8	19	62	15	5	009100508
10	20	62	15	5	009100510
12	20	62	15	5	009100512

3/8"

910ME/SB5 1 009100515
4-5-6-8-10 mm

910PE/AS
socket drivers for hexagon screws

3/8"

"	Ø mm	L mm	L1 mm		
1/8	18,5	50	20	2	009100531
5/32	18,5	50	20	2	009100532
3/16	18,5	50	20	2	009100533
7/32	18,5	50	20	2	009100534
1/4	18,5	50	20	2	009100535
5/16	18,5	50	20	2	009100536
3/8	18,5	50	20	2	009100537

910PT
socket drivers for 5-star head screws

3/8"

	Ø mm	L mm	L1 mm		
PT40	20	50	20	3	009100540
PT45	20	50	20	3	009100545
PT50	20	50	20	3	009100550

910TX
socket drivers for Torx® head screws

3/8"

	Ø mm	L mm	L1 mm		
T15	18,5	50	20	5	009100519
T20	18,5	50	20	5	009100520
T25	18,5	50	20	5	009100521
T27	18,5	50	20	5	009100522
T30	18,5	50	20	5	009100523
T40	18,5	50	20	5	009100524
T45	18,5	50	20	3	009100525
T50	18,5	50	20	3	009100526

3/8"

910TX/SB6 1 009100530
T15-T20-T25
T27-T30-T40

910/15
adaptor, 3/8" female
and 1/4" male drivers

3/8"

UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
30	17,0	3/8	1/4	5	009100810

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

910/16
adaptor, 3/8" female
and 1/2" male drives

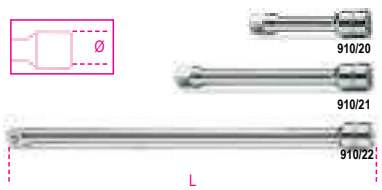
3/8"

UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
32	18,0	3/8	1/2	5	009100814

910/20 - 910/21 - 910/22
3/8" drive extension bars

3/8"

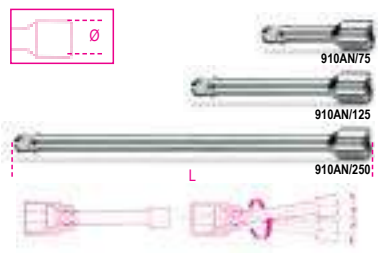


UNI/ISO 3316 DIN 3123

	L mm	Ø mm		
910/20	75	17	5	009100820
910/21	125	17	5	009100822
910/22	250	17	5	009100826

910AN
3/8" wobble extension bars

3/8"



	L mm	Ø mm		
910AN/75	75	17	3	009100827
910AN/125	125	17	3	009100828
910AN/250	250	17	3	009100829

910/25
3/8” drive universal joint

3/8”

UNI/ISO 3316 DIN 3123

L mm	Ø mm		
54,6	19	5	009100830

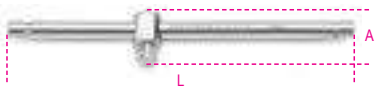
910/40
3/8” drive swivel T-handle

3/8”

L mm	L1 mm		
420	175	3	009100850

910/42
3/8” drive sliding T-handle

3/8”



UNI/ISO 3315 DIN 3122

L mm	A mm		
210	30,5	5	009100854

910/55
3/8" male square drive reversible ratchet, 72-tooth mechanism

72 3/8”

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
207	31	33	3	009101155

910E/55
3/8” male square drive reversible ratchet, 72-tooth mechanism

72 3/8”

L mm	Ø mm	A mm		
204	31	33	3	009101255

Spare rotating mechanisms of ratchets

100

910M/55
3/8” drive reversible ratchet with metal handle

3/8” 24

DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm		
178	30	26	2	009100875

910M/56
3/8” drive reversible swivel ratchet with metal handle

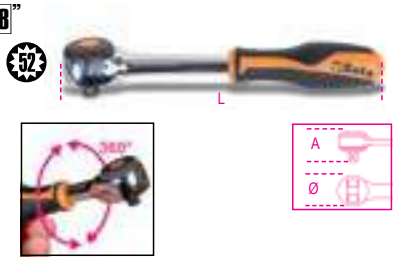
3/8” 24

L mm	Ø mm	A mm		
265	31	29	2	009100887

910/58
3/8" drive reversible ratchet with rotating handle, 52 tooth mechanism

- **Socket release button**
- **Ring nut reversal system on ratchet head**
- **Bi-material handle**

3/8” 52



L mm	Ø mm	A mm		
222	37	38,5	1	009100884

910.../C10
10 sockets and 2 accessories

3/8”

910A/C10		1	009100909

910A	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55N	

270x120x45 mm - 1,3 kg

910A/C16...
16 hexagon sockets and 5 accessories

3/8”

910A/C16		1	009100936

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55N	

335x145x60 mm - 2,3 kg

9899 910C16	1	098990134
Thermoformed tray, empty		

910B/C16...
16 bi-hex sockets and 5 accessories

3/8”

910B/C16		1	009100937

910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55N	

335x145x60 mm - 2,3 kg

9899 910C16	1	098990134
Thermoformed tray, empty		

910.../C29

17 sockets, 12 socket drivers
and 5 accessories

3/8"

910A/C29 1 009100944

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
910LP	1x5,5 - 1,2x6,5 - 1,2x8 mm
910PH	PH1 - PH2 - PH3
910PE	3 - 4 - 5 - 6 - 8 - 10 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55N	

420x185x60 mm - 3,5 kg

910B/C29 1 009100945

910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
910LP	1x5,5 - 1,2x6,5 - 1,2x8 mm
910PH	PH1 - PH2 - PH3
910PE	3 - 4 - 5 - 6 - 8 - 10 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55N	

420x185x60 mm - 3,5 kg

910AS/C13...

13 bi-hex sockets and 5 accessories

3/8"

910AS/C13 1 009100925

910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
910/21	125 mm
910/22	250 mm
910/42	
910/25	
910/55N	

335x145x60 mm - 2,3 kg

910AS/MBM-C18

13 bi-hex sockets and 5 accessories
for aeronautical maintenance

3/8"

910AS/MBM-C18 1 009100926

910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910M/55	

335x145x60 mm - 2,5 kg

910A/C16HR

16 hexagon sockets and 5 accessories

3/8"

910A/C16HR 1 009100935

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	210 mm
910/58	

335x145x60 mm - 2,4 kg

920A

hexagon hand sockets

1/2"

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
8	12,4	38	21,7	10	009200008
9	13,5	38	21,7	10	009200009
10	14,9	38	21,7	10	009200010
11	16,1	38	21,7	10	009200011
12	17,5	38	21,7	10	009200012
13	18,7	38	21,7	10	009200013
14	20,1	38	21,7	10	009200014
15	21,5	38	22,5	10	009200015
16	22,7	38	23,7	10	009200016
17	24,1	38	23,1	10	009200017
18	25,3	39	24,0	10	009200018
19	26,6	39	24,0	10	009200019
20	27,8	40	25,0	5	009200020
21	28,8	40	25,0	5	009200021
22	29,9	41	26,0	5	009200022
23	30,8	42	26,0	5	009200023
24	32,2	43	27,0	5	009200024
25	33,2	44	27,0	5	009200025
26	34,7	45	28,0	5	009200026
27	36,2	46	29,0	5	009200027
28	37,2	47	30,0	5	009200028
29	38,6	48	31,0	5	009200029
30	40,2	48	32,0	5	009200030
32	42,3	49	34,0	5	009200032

1/2"

920A/SB13 1 009200040
10-11-12-13-14-15-16
17-18-19-20-21-22 mm

1/2"

UNI/ISO 2725-1 DIN3124

920A/SB8 1 009200042
23-24-25-26-27-28-30-32 mm

920B
bi-hex hand sockets

UNI/ISO 2725-1 DIN3124

mm	Ø mm	L mm	Ø1 mm		
8	12,4	38	21,7	10	009200108
9	13,5	38	21,7	10	009200109
10	14,9	38	21,7	10	009200110
11	16,1	38	21,7	10	009200111
12	17,5	38	21,7	10	009200112
13	18,7	38	21,7	10	009200113
14	20,1	38	21,7	10	009200114
15	21,5	38	22,5	10	009200115
16	22,7	38	23,7	10	009200116
17	24,1	38	23,1	10	009200117
18	25,3	39	24,0	10	009200118
19	26,6	39	24,0	10	009200119
20	27,8	40	25,0	5	009200120
21	28,8	40	25,0	5	009200121
22	29,9	41	26,0	5	009200122
23	30,8	42	26,0	5	009200123
24	32,2	43	27,0	5	009200124
25	33,2	44	27,0	5	009200125
26	34,7	45	28,0	5	009200126
27	36,2	46	29,0	5	009200127
28	37,2	47	30,0	5	009200128
29	38,6	48	31,0	5	009200129
30	40,2	48	32,0	5	009200130
32	42,3	49	33,9	5	009200132

UNI/ISO 2725-1 DIN3124

920B/SB13 — 1 009200140
10-11-12-13-14-15-16
17-18-19-20-21-22 mm

UNI/ISO 2725-1 DIN3124

920B/SB8 — 1 009200142
23-24-25-26-27
28-30-32 mm

920AL
hexagon hand sockets,
long series

UNI/ISO 2725-1 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
10	14,7	77	21	5	009200626
12	17,8	77	21	5	009200627
13	19,0	77	22	5	009200628
14	20,3	77	22	5	009200629
15	21,5	77	22	5	009200630
16	22,8	77	22	5	009200631
17	24,0	77	23	5	009200632
18	25,0	77	24	5	009200633
19	26,5	77	25	5	009200634
21	29,0	77	27	5	009200635
22	30,0	77	28	5	009200636
23	31,5	77	29	5	009200637
24	32,8	77	30	5	009200638
27	36,5	77	33	3	009200639
30	40,0	77	36	3	009200640
32	42,8	77	38	3	009200641
36	48,0	77	41	3	009200642

UNI/ISO 2725-1 DIN 3124

920AL/SB11 — 1 009200644
10-12-13-14-15-16
17-18-19-21-22 mm

920BL
bi-hex hand sockets, long series

UNI/ISO 2725-1 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
10	14,7	77	21	5	009200310
12	17,8	77	21	5	009200312
13	19,0	77	22	5	009200313
14	20,3	77	22	5	009200314
15	21,5	77	22	5	009200315
16	22,8	77	22	5	009200316
17	24,0	77	23	5	009200317
18	25,0	77	24	5	009200318
19	26,5	77	25	5	009200319
21	29,0	77	27	5	009200321
22	30,0	77	28	5	009200322
24	32,8	77	30	5	009200324
27	36,5	77	33	3	009200327
30	40,0	77	36	3	009200330
32	42,8	77	38	3	009200332
36	48,0	77	41	3	009200336

UNI/ISO 2725-1 DIN 3124

920BL/SB11 — 1 009200338
10-12-13-14-15-16-17-18
19-21-22 mm

920AS
bi-hex hand sockets

"	Ø mm	L mm	Ø1 mm		
3/8	14,9	38	21,7	3	009200201
7/16	16,1	38	21,7	3	009200202
1/2	18,7	38	21,7	3	009200203
9/16	20,1	38	21,7	3	009200204
5/8	22,7	38	22,5	3	009200206
19/32	21,5	38	23,7	3	009200207
11/16	25,3	39	24,0	3	009200208
3/4	26,6	39	24,0	3	009200209
25/32	27,8	40	25,0	3	009200210
13/16	28,8	40	25,0	3	009200211
7/8	29,9	41	26,0	3	009200212
15/16	32,2	43	27,0	3	009200214
1	34,2	45	28,0	3	009200216
1.1/16	36,2	46	29,0	2	009200217
1.1/8	38,6	48	31,0	2	009200218
1.3/16	40,2	48	32,0	2	009200219
1.1/4	42,3	49	33,5	2	009200220

920AS/SB11 — 1 009200225
3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

920AS/L
bi-hex hand sockets, long series

"	Ø mm	L mm	Ø1 mm		
1/2	19,0	77	22	2	009200352
9/16	20,3	77	22	2	009200353
5/8	22,8	77	22	2	009200355
11/16	25,0	77	24	2	009200357
3/4	26,5	77	25	2	009200358
13/16	29,0	77	27	2	009200360
7/8	30,0	77	28	2	009200361
15/16	32,8	77	30	2	009200362
1	35,0	77	32	2	009200363
1.1/16	36,5	77	33,0	2	009200364
1.1/8	37,8	77	34	2	009200365

920ASL/SB11 — 1 009200369
1/2-9/16-5/8-11/16
3/4-13/16-7/8-15/16
1-1.1/8-1.1/16

920U
gear lock hand sockets

mm	"	⬡	○	L mm		
10	3/8	E12	M12	38	5	009201710
11	7/16	E14	M14	38	5	009201711
12	15/32	E16		38	5	009201712
13	1/2		M16	38	5	009201713
14	9/16	E18	M18	38	5	009201714
15	19/32			38	5	009201715
16	5/8	E20		38	5	009201716
17				38	5	009201717
18		E22		38	5	009201718
19	3/4	E24		38	5	009201719
20	25/32			38	3	009201720
21				38	3	009201721
22	7/8			38	3	009201722
24	15/16			38	3	009201724
27	1.1/16			42	3	009201727
30	1.1/18			44	3	009201730
32	1.1/4			44	3	009201732

12"

920U/SB13 1 009201740
10-11-12-13-14-15-16
17-18-19-20-21-22 mm

12"

920U/SB4 1 009201744
24-27-30-32 mm

920FTX
hand sockets for Torx® head screws

12"

	Ø mm	L mm	Ø1 mm	
E10	13,2	36	21	5 009200380
E12	15,0	37	21	5 009200381
E14	16,3	37	21	5 009200382
E16	18,8	37	22	5 009200383
E18	20,4	37	22	5 009200384
E20	22,9	37	22	5 009200385
E22	25,0	37	24	3 009200387
E24	26,5	40	25	3 009200388

12"

920FTX/SB6 1 009200390
E10-E12-E14
E16-E18-E20

12"

920FTX/C8 1 009200391
E10-E12-E14-E16
E18-E20-E22-E24
270X120X45 mm - 1 kg

920FTX/L
hand sockets for Torx® head screws, long series

12"

	Ø mm	L mm	Ø1 mm	
E10	13,2	77	21,0	5 009200400
E12	15,0	77	21,0	5 009200401
E14	16,3	77	21,0	5 009200402
E16	18,8	77	21,8	3 009200403
E18	20,4	77	21,8	3 009200404
E20	22,9	77	22,0	3 009200405

12"

920FTX-LSB6 1 009200409
E10-E12-E14
E16-E18-E20

920LP
socket drivers for slotted head screws

12"

SxA mm	Ø mm	L mm	L1 mm	
1,2x6,5	22,5	62	24	3 009200453
1,2x8	22,5	62	24	3 009200454
1,6x9	22,5	62	24	3 009200456
2x12	22,5	62	24	3 009200458

920PH
socket drivers for cross head Phillips® screws

12"

PH	Ø mm	L mm	L1 mm	
1	22,5	56	18	3 009200471
2	22,5	56	18	3 009200472
3	22,5	56	18	3 009200473
4	22,5	56	18	3 009200474

12"

920PH/SB4 1 009200479
PH1-PH2-PH3-PH4

920LH/SB7
socket drivers for cross head Phillips® screws

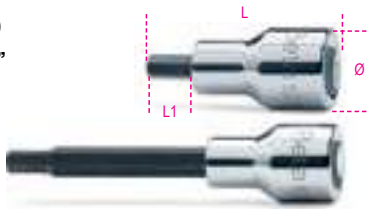
12"

920LH/SB7 1 009200478

920LP	1,2x6,5 - 1,2x8 1,6x9 - 2x12 mm
920PH	PH2 - PH3 - PH4

920PE
socket drivers for hexagon screws

12"



DIN 7422

mm	Ø mm	L mm	L1 mm	
3	22,5	58	20	5 009200410
4	22,5	58	20	5 009200412
5	22,5	58	20	5 009200414
5L	22,5	100	62	5 009200415
6	22,5	58	20	5 009200417
6L	22,5	100	62	5 009200418
7	22,5	58	20	5 009200420
7L	22,5	100	62	5 009200421
8	22,5	58	20	5 009200423
8L	22,5	100	62	5 009200424
9	22,5	58	20	5 009200425
9L	22,5	140	102	5 009200426
10	22,5	58	20	5 009200428
10L	22,5	140	102	5 009200429
12	23,0	58	20	5 009200432
12L	22,5	140	102	5 009200433
14	23,0	58	20	5 009200434
14L	22,5	140	102	5 009200435
17	29,5	60	22	5 009200437
19	29,5	60	22	5 009200439

12"

920PE/SB9 1 009200441
4-5-6-8-10 mm
5L-6L-8L-10L mm

920PE/C10 1 009200443
4-5-6-7-8-10
12-14-17-19 mm

270X120X45 mm - 1,5 kg

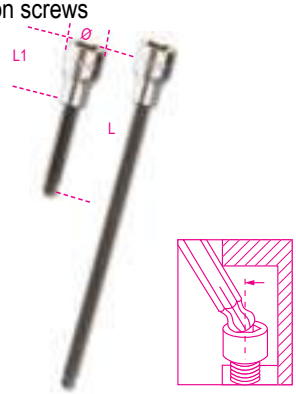
9899 920PE/C10 1 098990135
Thermoformed tray, empty

920PE/AS
socket drivers for hexagon screws

"	Ø mm	L mm	L1 mm		
1/8	22,5	58	20	2	009200460
3/16	22,5	58	20	2	009200461
1/4	22,5	58	20	2	009200463
3/8	22,5	58	20	2	009200464
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468

920PE-AS/SB6 1 009200469
1/8-3/16-1/4-3/8-1/2-3/4

920BP
ball head socket drivers
for hexagon screws



mm	Ø mm	L mm	L1 mm		
5L	22,5	100	62	5	009200490
5XL	22,5	240	202	1	009200495
6L	22,5	100	62	5	009200491
6XL	22,5	240	202	1	009200496
7L	22,5	100	62	5	009200492
8L	22,5	100	62	5	009200493
8XL	22,5	240	202	1	009200497
10L	22,5	140	102	5	009200494

920BP/SB8 1 009200500
5L-6L-7L-8L-10L mm
5XL-6XL-8XL mm

920ME
socket drivers for hexagon screws

mm	Ø mm	L mm	L1 mm		
5	21	75	15,5	5	009200505
6	21	75	15,5	5	009200506
7	21	75	15,5	5	009200507
8	21	75	15,5	5	009200508
10	23	75	15,5	5	009200510
12	24	75	15,5	5	009200512
14	24	75	15,5	5	009200514
17	24	75	15,5	5	009200517

920ME/SB7 1 009200519
5-6-8-10-12-14-17 mm

920ME/C7 1 009200518
5-6-8-10-12-14-17 mm

250X100X35 mm - 1,4 kg

920TX
socket drivers for Torx® head screws

T	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200520
T20L	22,5	120	82	3	009200530
T25	22,5	58	20	5	009200521
T25L	22,5	120	82	3	009200531
T27	22,5	58	20	5	009200522
T27L	22,5	120	82	3	009200533
T30	22,5	58	20	5	009200523
T30L	22,5	120	82	3	009200534
T40	22,5	58	20	5	009200524
T40L	22,5	120	82	3	009200535
T45	22,5	58	20	5	009200525
T45L	22,5	120	82	3	009200537
T50	22,5	58	20	5	009200526
T50L	23,0	140	102	3	009200538
T55	23,0	58	20	3	009200527
T55L	23,0	140	102	3	009200539
T60	23,0	58	20	3	009200528
T60L	23,0	140	102	3	009200540
T70L	23,0	120	82	3	009200541

920TX/SB9 1 009200532
T20-T25-T27-T30-
T40-T45-T50-T55-T60

920TX-L/SB10 1 009200545
T20L-T25L-T27L-T30L-T40L-
T45L-T50L-T55L-T60L-T70L

920TX/C9 1 009200546
T20-T25-T27-T30-T40
T45-T50-T55-T60

270X120X45 mm - 1,2 kg

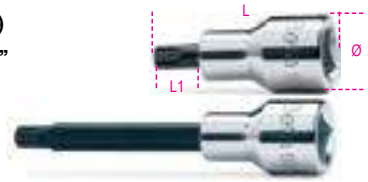
9899 920TX/C9 1 098990136
Thermoformed tray, empty

920RTX
socket drivers
for Tamper Resistant Torx® head screws

T	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200370
T25	22,5	58	20	5	009200371
T27	22,5	58	20	5	009200372
T30	22,5	58	20	5	009200373
T40	22,5	58	20	5	009200374

920RTX/SB5 1 009200378
T20-T25-T27-T30-T40

920XZN
socket drivers with XZN® profile



DIN 2324

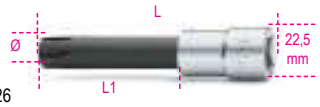
	Ø mm	L mm	L1 mm		
M4	22,5	58	20	3	009200559
M5	22,5	58	20	3	009200560
M6	22,5	58	20	3	009200561
M6L	22,5	100	62	3	009200562
M8	22,5	58	20	3	009200563
M8L	22,5	100	62	3	009200564
M9	22,5	58	20	3	009200582
M9L	22,5	100	62	3	009200583
M10	22,5	58	20	3	009200565
M10L	22,5	100	62	3	009200566
M12	22,5	58	20	3	009200568
M12L	22,5	100	62	3	009200569
M14	23,0	58	20	3	009200571
M14L	23,0	100	62	3	009200572
M16	23,0	58	20	3	009200573
M18	23,0	58	20	3	009200574

920XZN/SB7 — 1 009200579
M4-M5-M6-M8
M10-M12-M14

920XZN/SB12 — 1 009200577
M5-M6-M8-M10-M12
M14-M16-M6L-M8L
M10L-M12L-M14L

920XZN-L/S5 — 1 009200578
M6L-M8L-M10L
M12L-M14L

920ES
special form socket drivers



UNI 9326

Ø mm		L mm	L1 mm		
7	(6R)	58	20	5	009200587
9	(8R)	58	20	5	009200589
9XL	(8R)	240	202	1	009200609
10	(8S)	58	20	5	009200590
10XL	(8S)	240	202	1	009200610
11	(10R)	58	20	5	009200591
11XL	(10R)	240	202	1	009200611
12L	(10S)	100	62	3	009200592
14L	(12S)	100	62	3	009200594
16L	(14R)	100	62	3	009200596

920ES/SB7 — 1 009200598
7-9-10-11-12L-14L-16L

PM 1/2-Q5

PM 1/2-Q5 — 65,525

920/15
adaptor, 1/2" female
and 3/8" male drives

UNI/ISO 3316 DIN 3123

L mm	□	■	Ø mm		
42	1/2	3/8	22,0	5	009200810

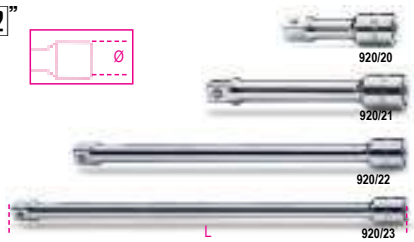
Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

920/16
adaptor, 1/2" female
and 3/4" male drives

UNI/ISO 3316 DIN 3123

L mm	□	■	Ø mm		
46	1/2	3/4	26	5	009200814

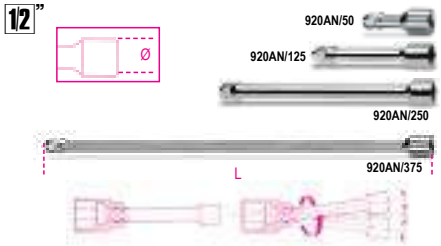
920/20÷920/23
1/2" drive extension bars



UNI/ISO 3316 DIN 3123

	L mm	Ø mm		
920/20	75	22	5	009200818
920/21	125	22	5	009200822
920/22	255	22	5	009200826
920/23	375	22	2	009200827

920AN
1/2" wobble extension bars



	L mm	Ø mm		
920AN/50	50	22	5	009200833
920AN/125	125	22	5	009200834
920AN/250	250	22	3	009200835
920AN/375	375	22	3	009200836

920/25
1/2" drive universal joint

UNI/ISO 3316 DIN 3123

L mm	Ø mm		
75	27	5	009200830

920M/35L
1/2" swivel drive with metal handle, long series

L mm		
600	1	009200843

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

920/36A
1/2" drive swivel handle

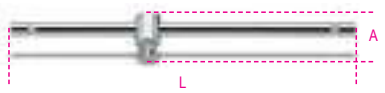
UNI/ISO 3315 DIN 3122

L mm	L1 mm		
408	283	2	009200847

920/40
1/2” drive swivel T-handle

L mm	L1 mm		
490	230	2	009200850

920/42
1/2” drive sliding T handle



UNI/ISO 3315 DIN 3122

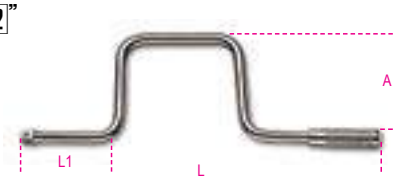
L mm	A mm		
305	42	5	009200854

920/44
1/2” drive offset handle

UNI/ISO 3315 DIN 3122

L mm	L1 mm		
230	60	3	009200858

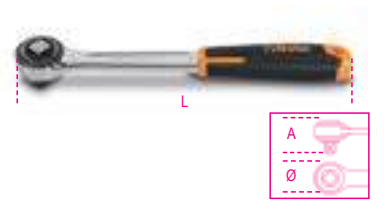
920/46
1/2” drive with speed brace



UNI/ISO 3315 DIN 3122

L mm	L1 mm	A mm		
385	110	160	1	009200862

920/50
1/2" push-through drive ratchet, 72-tooth mechanism



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
271	40	40	3	009201150

920/50F
1/2" female square drive ratchet, 72-tooth mechanism

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
271	40	24	2	009201151

920/55
1/2" male square drive reversible ratchet, 72-tooth mechanism

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
271	40	41	3	009201155

920/55Q
1/2" male square drive reversible ratchet, 48-tooth mechanism

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
271	40	41	3	009201156

920/55X
1/2" square drive reversible ratchet, 72-tooth mechanism

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
207	31	33	3	009201158

920/55LC
1/2" male square drive reversible ratchet, “Locking System”, 72-tooth mechanism

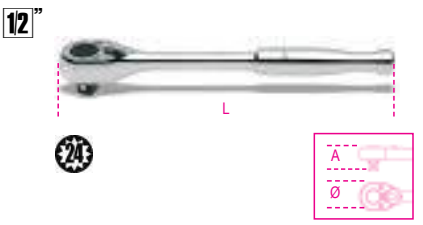
UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
271	40	41	2	009201159

920E/55
1/2" male square drive reversible ratchet, 72-tooth mechanism

L mm	Ø mm	A mm		
267	40	41	3	009201255

920M/55
1/2”drive reversible ratchet with metal handle



L mm	Ø mm	A mm		
253	38	35	1	009200893

Spare rotating mechanisms of ratchets

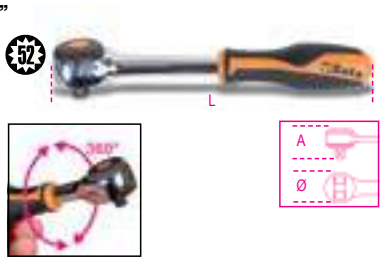
100

920/58

1/2" drive reversible ratchet
with rotating handle,
52 tooth mechanism

- **Socket release button**
- **Ring nut reversal system on ratchet head**
- **Bi-material handle**

12"



L mm	Ø mm	A mm		
281	42,5	45	1	009200926

920.../C11

11 sockets and 2 accessories

12"

920A/C11 — 1 009200921

920A		10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22		255 mm
920/50N		

335x145x60 mm - 2,5 kg

920.../C12...

12 sockets and 5 accessories

12"

920A/C12X — 1 009200933

920A		10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/55N		

420x185x60 mm - 4,2 kg

9899 920C12 — 1 098990116
Thermoformed tray, empty

920A/C12 — 1 009200931

920A		10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/50N		

420x185x60 mm - 4,2 kg

9899 920C12 — 1 098990116
Thermoformed tray, empty

920B/C12X — 1 009200934

920B		10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/55N		

420x185x60 mm - 4,0 kg

9899 920C12 — 1 098990116
Thermoformed tray, empty

920.../C20...

20 sockets and 5 accessories

12"

920A/C20X — 1 009200950

920A		10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/55N		

420x185x60 mm - 5,1 kg

9899 920C20 — 1 098990121
Thermoformed tray, empty

920A/C20 — 1 009200948

920A		10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/50N		

420x185x60 mm - 5,1 kg

9899 920C20 — 1 098990121
Thermoformed tray, empty

920A/C20Q — 1 009200955

920A		10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/55QN		

420x185x60 mm - 5,1 kg

9899 920C20 — 1 098990121
Thermoformed tray, empty

920B/C20 — 1 009200949

920B		10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/50N		

420x185x60 mm - 5,0 kg

9899 920C20 — 1 098990121
Thermoformed tray, empty

920B/C20X — 1 009200951

920B		10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/55N		

420x185x60 mm - 5,0 kg

9899 920C20 — 1 098990121
Thermoformed tray, empty

920.../C21...
21 sockets and 6 accessories

1/2"

920A/C21	1	009200952

920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 25 - 26 - 27 - 28 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/46	
920/50N	

420x280x60 mm - 6,5 kg

920B/C30Q
30 bi-hex sockets and 5 accessories

1/2"

920B/C30Q	1	009200975

920B	8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 18 - 19 - 20 - 21 22 -23 - 24 - 26 - 27 - 30 mm
920BL	12 - 13 - 14 - 17 - 19 - 21 22 - 24 - 27 - 30 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55QN	

420x280x60 mm - 7,6 kg

920.../C33
20 sockets, 13 socket drivers
and 5 accessories

1/2"

920A/C33	1	009200985

920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920LP	1,2x8 - 1,6x9 - 2x12 mm
920PH	PH2 - PH3 - PH4
920PE	4 - 5 - 6 - 8 - 10 - 12 - 14 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55N	

420x280x60 mm - 6,7 kg

920B/C33	1	009200986

920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920LP	1,2x8 - 1,6x9 - 2x12 mm
920PH	PH2 - PH3 - PH4
920PE	4 - 5 - 6 - 8 - 10 - 12 - 14 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55N	

420x280x60 mm - 6,7 kg

920A/C17M
Assortment of 17 hexagon sockets and 5 accessories in foam tray, in metal case

1/2"

920A/C17M	1	009200924

920A	10-11-12-13-14-15-16-17-18 19-20-21-22-24-27-30-32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/55N	

420x185x60 mm - 5 kg

9899 920C17 1 098990147
Soft module, empty

920A/C17MR	1	009200937

920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/58	

420x185x60 mm 5,1 kg

920/C37
37 bi-hex sockets and 5 accessories

1/2"

920/C37	1	009200988

920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 5/8 - 11/16 - 3/4 - 25/32 - 13/16 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 1.3/16 - 1.1/4
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55N	

420x280x60 mm - 7,5 kg

920AS/C10
10 bi-hex sockets and 2 accessories

12"

920AS/C10		1	009200919
920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 11/16 - 3/4 - 13/16 - 7/8 - 15/16		
920/22	255 mm		
920/50N			
335x145x60 mm - 2,6 kg			

920AS/C15
15 bi-hex sockets and 6 accessories

12"

920AS/C15		1	009200947
920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 3/4 - 13/16 - 7/8 - 15/16 - 1 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4		
920/21	125 mm		
920/22	255 mm		
920/25			
920/42			
920/46			
920/50N			
420x280x60 mm - 5,9 kg			

920AS/C17X
17 bi-hex sockets and 5 accessories

12"

920AS/C17X		1	009200942
920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 11/16 - 3/4 - 25/32 - 13/16 - 7/8 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4		
920/21	125 mm		
920/22	255 mm		
920/25			
920/42			
920/55N			
420x185x60 mm - 4,8 kg			

920A/C17HR
17 hexagon sockets and 5 accessories in hard foam tray, in metal case

- **ratchet with rotating handle**

12"

920A/C17HR		1	009200939
920A	10-11-12-13-14-15-16-17-18 19-20-21-22-24-27-30-32 mm		
920/21	125 mm		
920/22	255 mm		
920/25			
920/42			
920/58			
420x185x60 mm - 5,1 kg			

928A
hexagon hand sockets

3/4"

UNI/ISO 2725-1 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280019
21	30,0	51	34	5	009280021
22	31,3	53	34	5	009280022
23	33,3	53	34	5	009280023
24	34,5	53	34	5	009280024
26	36,8	55	35	5	009280026
27	38,0	56	35	5	009280027
28	39,0	57	35	3	009280028
29	40,2	58	35	3	009280029
30	41,5	58	37	3	009280030
32	44,3	60	37	3	009280032
33	45,8	60	37	3	009280033
34	46,8	60	37	3	009280034
35	48,1	62	38	3	009280035
36	49,5	64	38	3	009280036
38	52,0	68	40	3	009280038
41	56,0	71	40	3	009280041
46	62,3	75	43	3	009280046
50	67,4	80	43	3	009280050
55	73,7	84	48	1	009280055
60	80,0	87	48	1	009280060

928B
bi-hex hand sockets

3/4"

UNI/ISO 2725-1 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280119
21	30,0	51	34	5	009280121
22	31,3	53	34	5	009280122
23	33,3	53	34	5	009280123
24	34,5	53	34	5	009280124
26	36,8	55	35	5	009280126
27	38,0	56	35	5	009280127
28	39,0	57	35	3	009280128
29	40,2	58	35	3	009280129
30	41,5	58	37	3	009280130
32	44,3	60	37	3	009280132
33	45,8	60	37	3	009280133
34	46,8	60	37	3	009280134
35	48,1	62	38	3	009280135
36	49,5	64	38	3	009280136
38	52,0	68	40	3	009280138
41	56,0	71	40	3	009280141
46	62,3	75	43	3	009280146
50	67,4	80	43	3	009280150
55	73,7	84	48	1	009280155
60	80,0	87	48	1	009280160

928AS
hexagon hand sockets

3/4"

"	Ø mm	L mm	Ø1 mm		
7/8	32,0	53	34	1	009280202
15/16	34,5	53	34	1	009280203
1.1/16	38,0	56	35	1	009280205
1.1/8	40,2	58	35	1	009280206
1.1/4	44,2	60	37	1	009280208
1.5/16	45,8	60	37	1	009280209
1.7/16	49,5	64	38	1	009280211
1.1/2	52,0	68	40	1	009280212
1.11/16	58,8	74	40	1	009280215
1.13/16	62,3	75	43	1	009280217
1.7/8	65,0	78	43	1	009280218
2	68,3	80	43	1	009280219
2.1/16	71,5	83	48	1	009280220

928ME
socket drivers for hexagon screws

3/4"

mm	Ø mm	L mm	L1 mm		
14	35	75	15,5	2	009280514
17	35	75	15,5	2	009280517
19	35	75	15,5	2	009280519
22	35	75	22,5	2	009280522

928/15
adaptor, 3/4" female and 1/2" male drives

3/4"

UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■		
51,5	34	3/4	1/2	5	009280801

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

928/16
adaptor, 3/4" female and 1" male drives

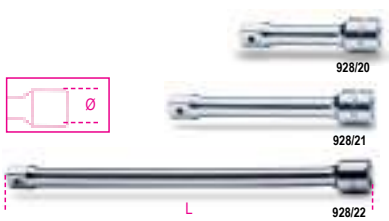
3/4"

UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■		
65	34	3/4	1"	5	009280807

928/20 - 928/21 - 928/22
3/4" drive extension bars

3/4"



UNI/ISO 3316
DIN 3123

	L mm	Ø mm		
928/20	100	34	3	009280810
928/21	200	34	3	009280815
928/22	380	34	3	009280825

928/25
3/4" drive universal joint

3/4"

UNI/ISO 3316 DIN 3123

L mm	Ø mm		
108	40	1	009280830

928/36A
3/4" drive swivel handle

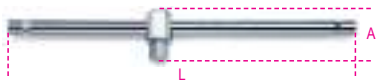
3/4"

DIN 3122 - UNI ISO 3315

L mm		
545	1	009280844

928/42
3/4" drive slide T-handle

3/4"



UNI/ISO 3315 DIN 3122

L mm	A mm		
450	62,5	3	009280850

928/55
3/4" male square drive reversible ratchet, 72-tooth mechanism

72
3/4"

DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm		
504	58	59	2	009281155

Spare rotating mechanisms of ratchets

100

928.../C12
assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case

3/4"

928A/C12			1	009280955
	928A	22 - 24 - 27 - 30 - 32 - 34 - 36 38 - 41 - 46 - 50 - 55 mm		
	928/21	200 mm		
	928/22	380 mm		
	928/25			
	928/42			
	928/55N			

530x220x80 mm - 13,5 kg

928B/C12			1	009280957
	928B	22 - 24 - 27 - 30 - 32 - 34 - 36 38 - 41 - 46 - 50 - 55 mm		
	928/21	200 mm		
	928/22	380 mm		
	928/25			
	928/42			
	928/55N			

530x220x80 mm - 13,5 kg

928AS/C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case

3/4"

928AS/C12		1	009280968

928AS	7/8-15/16-1.1/16-1.1/8-1.1/4 1.5/16-1.7/16-1.1/2-1.11/16 1.13/16-1.7/8-2.1/16
928/21	200 mm
928/22	380 mm
928/25	
928/42	
928/55N	

530x220x80 mm - 13,5 kg

929

hexagon hand sockets

1"

UNI/ISO 2725-1 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
36	51	65	48	1	009290036
41	57	70	48	1	009290041
46	65	75	48	1	009290046
50	70	80	48	1	009290050
55	76	85	54	1	009290055
60	82	90	54	1	009290060
65	88	95	54	1	009290065
70	92	100	60	1	009290070
75	99	110	60	1	009290075
80	106	120	60	1	009290080

929/15

adaptor, 1" female and 3/4" male drives

1"

UNI/ISO 3316 DIN 3123

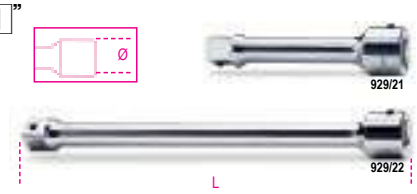
L mm	Ø mm	□	■		
65	47	1"	3/4	2	009290801

Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

929/21 - 929/22

1" drive extension bars

1"



UNI/ISO 3316 DIN 3123

	L mm	Ø mm		
929/21	200	47	1	009290815
929/22	400	47	1	009290825

929/42

1" drive slide T-handle

1"

UNI/ISO 3315 DIN 3122

L mm		
535	1	009290850

929/55

1" reversible ratchet 72 teeth

72

1"

UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
770	62	63	1	009290860

929/55PR

extension bars for ratchets 929/55

L mm	Ø mm	Ø1 mm		
540	32	26	1	009290868

929/C8

8 hexagon sockets and 5 accessories

1"

929/C8		1	009290925

929	46 - 50 - 55 - 60 - 65 70 - 75 - 80 mm
929/15	□ 1" - ■ 3/4
929/21	200 mm
929/22	400 mm
929/42	
929/55	

560x290x120 mm - 29 kg

9899 CV/A

empty case

9899 CV/A	1	098990001

584/C31-671B/C5-671B/C10-720ME/C8
860/C38P-861/C61P-900/C11-900AS/C10-/MB-C17
900/C24-900/C13-8-900/C13-5-900MB/C19-900MB/C28
900/C11HR-900AS/C10-/MB-C17-900AS/C17-MBM
900/C11Z-900MC/C24-900MC/C32-910.../C10
971/C8-920TX/C-920PE/C-920FTX/C-910.../C10

270x120x45 mm

9899 CV/B

empty case

9899 CV/B	1	098990002

352C/U-720MC/C13-727/C16-867/C20-900/C12MR
900/C12MZ-900U/C12M-910AS/C13...-910AS/MBM-C18
910A/C16...-910B/C16...-910A/C16HR
910A/C16...-910B/C16...-920AS/C10-920.../C11-1433/C11
1494/C14A-1529-1545/C5M-666/C2

335x145x60 mm

9899 CV/C
empty case

9899 CV/C 1 098990003
920A/C17HR-920A/C17MR-920.../C12...
920A/C17M-910.../C29-902A/C22-867/C38
666/C5-666/C10X-720/C24-450/C13-450/C15-353N/C6
960KPC-920MC/C14-920U/C17M-920TX/C17-920.../C20...
920AS/MBM-C21-920AS/C17X-1547/C6-1495/C6
1489/C14-1461/C11A-1608/C9-1606A/C9-1602/C9

420x185x60 mm

9899 CV/D
empty spare case

9899 CV/D 1 098990004
450/C21-910MQ/C16-910A/C17-920MQ/C16-920AS/C15-920A/C21-920B/C21-920B/C21X-920B/C30Q-920A/C33-920B/C33-920/C37

420x280x60 mm

900/R55
1/4" (48)

900/R55 1 009000871
666N/2-666/2-666LBF.FT/2

900/RN55
1/4" (48)

900/RN55 1 009001115
900/55

900/R55-Z
1/4" (72)

900/R55-Z 1 009000872

900E/R55
1/4" (48)

900E/R55 1 009001879
900E/55

900M/R55
1/4"

900M/R55 1 009000888
900M/55

910/R55
3/8" (72)

910/R55 1 009100879
599DGT/6-606/6-606/10-612-665/6-665/10-665LB/6
665LB/10-666N/5-666N/10-666N LBF.IN/5-666NLBF.IN/10
666/6-666/10-668RGC/6-668RGC/10-666/5
666HS/5-666HS/10-666 LBF.FT/5-666 LBF.FT/10

910/RN55
3/8" (72)

910/RN55 1 009101115
910/55

910M/R55
3/8"

910M/R55 1 009100888
910M/55-910M/56

910/R55X
3/8" (48)

910/R55X 1 009100897
666N/2X-666/2X-666 LBF.FT/2X

910E/R55
3/8" (72)

910E/R55 1 009101879
910E/55

920/R50
1/2" (72)

920/R50 1 009200866
614/50-667/20-667/30
667N/20-667N/30

920/RN50
1/2" (72)

920/RN50 1 009201130
920/50

920/RN50F
1/2" (72)

920/RN50F 1 009201131
920/50F

920/R55
1/2" (72)

920/R55 1 009200879
606/20-606/30-666/20-666/30-920/56A- 599DGT/20-599DGT/30
599DGT-AN/20-665/20-665/30-665LB/20
665LB/30-666N/20-666N/30
666N LBF.IN/20-666N LBF.IN/30-668RGC/20
666 LBF.FT/20-666 LBF.FT/30

920/RN55
1/2" (72)

920/RN55 1 009201125
920/55

920E/R55

12" 1/2

920E/R55 920E/55	1	009201878

920M/R55

12" 1/2

920M/R55 920M/55-920M/56	1	009200888

920/RN55Q

12" 3/8

920/RN55Q 920/55Q	1	009201126

920/R55X

12" 1/2

920/R55X 606/10X-612X 666/10X-599DGT/10X-599DGT-AN/10 665/10X-665LB/10X-666N10X-666N LBF.IN/10X 668RGC/10X-666 LBF.FT/10X 666HS/20LC-666HS/30LC	1	009200878

920/RN55X

12" 1/2

920/RN55X 920/55X	1	009201128

920/R55LC

12" 1/2

920/R55LC 666HS/20LC-666HS/30LC	1	009200887

920/RN55LC

12" 1/2

920/RN55LC 920/55LC "Locking System"	1	009201129

928/RN55

3/4" 1/2

928/RN55 928/55	1	009281115

928/R55X

3/4" 1/2

928/R55X 614X	1	009280858

929/R55

1" 1/2

929/R55 929/55	1	009290859

930

double ended bi-hex tubular socket wrenches, heavy series

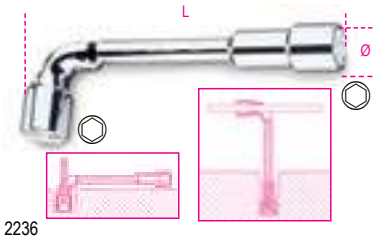
UNI 6745

mm	L mm	Ø mm	Ø1 mm		
○ **6x7**	100	9,5	11,0	3	009300006
○ **8x9**	108	12,5	14,0	3	009300010
10x11	116	15,0	16,5	3	009300014
12x13	124	17,5	19,0	3	009300018
14x15	132	20,0	21,5	3	009300023
16x17	140	23,0	24,0	3	009300027
18x19	148	25,0	26,5	3	009300032
20x22	156	28,0	30,0	2	009300036
25x28	182	34,5	38,0	2	009300048
27x29	191	37,0	39,5	2	009300052

930/S8 6x7-8x9-10x11 -12x13-14x15 16x17-18x19-20x22 mm **940/1 - /2**	1	009300081

933

double ended offset hexagon socket wrenches, bright chrome-plated



ISO 2236

mm	Ø mm	L mm		
6x6	11,5	110	5	009330006
7x7	12,5	116	5	009330007
8x8	13,0	120	5	009330008
9x9	14,0	125	5	009330009
10x10	16,5	133	5	009330010
11x11	17,5	143	5	009330011
12x12	19,0	148	5	009330012
13x13	19,5	154	5	009330013
14x14	21,5	167	5	009330014
15x15	22,5	182	5	009330015
16x16	24,5	193	5	009330016
17x17	26,0	198	5	009330017
18x18	26,5	215	5	009330018
19x19	29,0	220	5	009330019
20x20	30,5	222	3	009330020
21x21	30,5	236	3	009330021
22x22	32,5	250	2	009330022
23x23	33,5	256	2	009330023
24x24	35,0	272	2	009330024
25x25	36,5	282	2	009330025
26x26	37,5	296	2	009330026
27x27	39,0	296	2	009330027
28x28	39,0	314	2	009330028
30x30	42,5	348	2	009330030
32x32	45,5	364	2	009330032

933/S11 6-7-8-10-11-12-13-14-17-19-22 mm	1	009330080
933/S25 6-7-8-9-10-11-12-13-14-15-16-17-18-19 20-21-22-23-24-25-26-27-28-30-32 mm	1	009330082

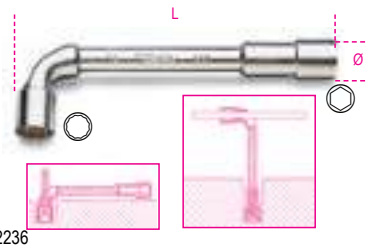
935
double ended hexagon tubular socket wrenches, light series

UNI 6746 DIN 896

mm	L mm		
6x7	100	5	009350105
8x9	110	5	009350111
10x11	120	5	009350115
12x13	130	5	009350117
14x15	140	5	009350126
16x17	150	5	009350128
18x19	160	5	009350131
20x22	170	3	009350138
21x23	180	3	009350141
24x26	190	3	009350144
25x28	200	2	009350150
27x29	210	2	009350153
30x32	220	2	009350156

935/S8 6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22 mm **940/1 - /2**	1	009350181
935/S13 6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22-21x23-24x26-25x28 27x29-30x32 mm **940/1 - /2 - /3**	1	009350183

937
double ended hexagon / bi-hex socket wrenches, chrome-plated



ISO 2236

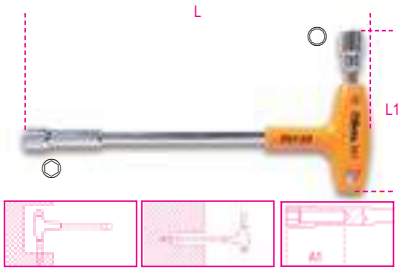
mm	Ø mm	L mm		
6x6	11,5	110	5	009370006
7x7	12,5	116	5	009370007
8x8	13,0	120	5	009370008
9x9	14,0	125	5	009370009
10x10	16,5	133	5	009370010
11x11	17,5	143	5	009370011
12x12	19,0	148	5	009370012
13x13	19,5	154	5	009370013
14x14	21,5	167	5	009370014
15x15	22,5	182	5	009370015
16x16	24,5	193	5	009370016
17x17	26,0	198	5	009370017
18x18	26,5	215	5	009370018
19x19	29,0	220	5	009370019
20x20	30,5	222	3	009370020
21x21	30,5	236	3	009370021
22x22	32,5	250	2	009370022
23x23	33,5	256	2	009370023
24x24	35,0	272	2	009370024
25x25	36,5	282	2	009370025
26x26	37,5	296	2	009370026
27x27	39,0	296	2	009370027
28x28	39,0	314	2	009370028
30x30	42,5	348	2	009370030

937/S11 6-7-8-10-11-12 -13-14-17-19-22 mm	1	009370080
937/S17 6-7-8-9-10-11-12 -13-14-15-16-17 18-19-20-21-22 mm	1	009370081

940
tommy bars for tubular wrenches items 930 and 935

	mm	L mm		
940/1	6÷13	100	5	009400001
940/2	14÷22	170	5	009400002
940/3	21÷32	290	5	009400003

941
hexagon / bi-hex socket wrenches, with high torque handles



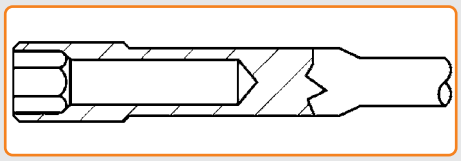
mm	L mm	L1 mm	A1 mm		
7x7	200	91	35	2	009410107
8x8	220	107	50	2	009410108
9x9	220	109	50	2	009410109
10x10	236	111	50	2	009410110
11x11	236	114	50	2	009410111
12x12	255	122	50	2	009410112
13x13	255	124	55	2	009410113

941/S7 7-8-9-10-11-12-13 mm	1	009410170

NUT SPINNERS
with handles

Suitable for quick, repeated screwing operations. The reduced thickness of the hexagons allows access to small spaces.

The interior exhaust hole makes it easier to work on nuts with projecting threaded parts. This is the case, in particular with deep, hi-torque nut spinners 944BX and 949.



The triple marking on the head makes it easier to identify the required size.

The flexible blade of model 943FL, which is made up of a steel core protected by a sheath, allows torque transmission in case of misalignment with the screw.

942MH
hi-torque hexagon nut spinners, short series

UNI 6750

mm	L mm	L1 mm	A1 mm		
4	191	70	13,0	5	009421003
5	191	70	14,0	5	009421004
5,5	191	70	12,5	5	009421005
6	191	70	14,5	5	009421006
7	191	70	15,5	5	009421007
8	203	70	18,5	5	009421008
9	203	70	19,5	5	009421009
10	203	70	20,5	3	009421010
11	203	70	21,5	3	009421011
12	203	70	22,5	3	009421012
13	203	70	23,5	3	009421013
14	203	70	24,5	3	009421014

943MH

hi-torque hexagon nut spinners, long series

mm	L mm	L1 mm	A1 mm		
4	271	150	13,0	5	009431003
5	271	150	14,0	5	009431004
5,5	271	150	12,5	5	009431005
6	271	150	14,5	5	009431006
7	271	150	15,5	5	009431007
8	283	150	18,5	5	009431008
9	283	150	19,5	5	009431009
10	283	150	20,5	3	009431010
11	283	150	21,5	3	009431011
12	283	150	22,5	3	009431012
13	283	150	23,5	3	009431013
14	283	150	24,5	3	009431014

943FL

flexible hexagon nut spinners with handles

mm	L mm	L1 mm	Ø mm		
5	265	150	8	2	009430304
5,5	265	150	8	2	009430305
6	265	150	9	2	009430306
7	265	150	11	2	009430307
8	265	150	12	2	009430308
10	290	175	14	2	009430310

943FL/S6 1 009430320
5-5,5-6-7-8-10 mm

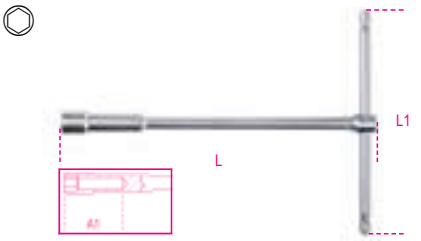
944MH

deep, hi-torque hexagon nut spinners, long series

mm	L mm	L1 mm	A1 mm		
4	246	125	20	3	009441003
5	246	125	25	3	009441004
5,5	246	125	30	3	009441005
6	246	125	35	3	009441006
7	246	125	35	3	009441007
8	258	125	50	3	009441008
9	258	125	50	3	009441009
10	258	125	50	3	009441010
11	258	125	50	3	009441011
12	258	125	50	3	009441012
13	258	125	55	3	009441013
14	258	125	55	3	009441014

949

deep T-handle socket wrenches



mm	L mm	L1 mm		
8	220	160	2	009490008
10	230	160	2	009490010
12	240	175	2	009490012
13	244	175	2	009490013
14	250	190	2	009490014
17	264	200	2	009490017

949/S6 1 009490076
8-10-12-13-14-17mm

950

T-handle hexagon socket wrenches

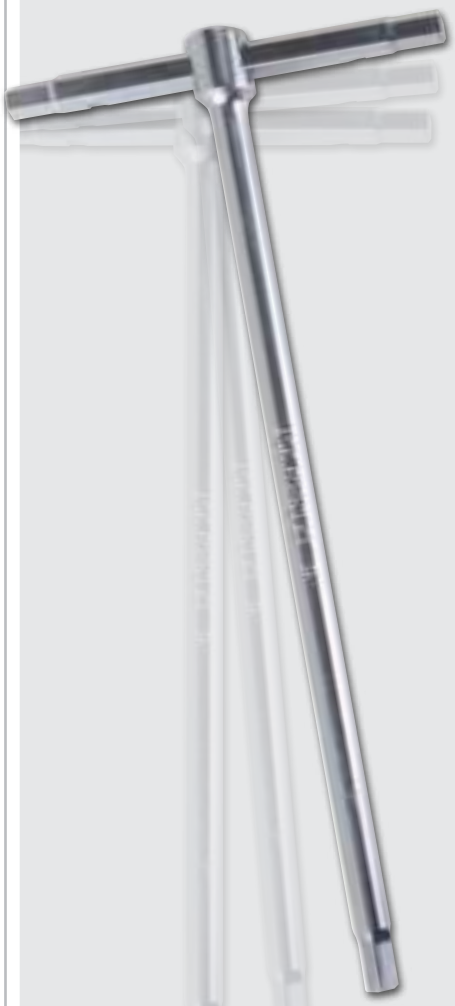
UNI 6742 DIN 3112

mm	L mm	Ø mm	H mm		
6	210	10,1	145	3	009500006
7	212	11,2	145	3	009500007
8	220	12,4	160	3	009500008
9	223	13,5	160	3	009500009
10	230	14,9	160	3	009500010
11	233	16,1	160	3	009500011
12	240	17,5	175	3	009500012
13	244	19,7	175	3	009500013
14	250	20,1	190	3	009500014
15	254	21,5	190	3	009500015
16	260	22,7	200	3	009500016
17	264	24,1	200	3	009500017
19	274	26,6	230	3	009500019
22	290	29,9	230	2	009500022
24	300	32,2	320	2	009500024
27	314	36,2	370	2	009500027

950/S9 1 009500079
7-8-10-11-12
13-14-17-19 mm

950/S14 1 009500082
6-7-8-9-10-11-12-13
14-15-16-17-19-22 mm

951 T-HANDLE WRENCHES WITH THREE HEXAGON MALE ENDS



When this wrench was launched, back in 1980, it was a revolution. Designed to work on high-resistance screws, it is the name for quick handling, accurate fit and flexible use.

The hexagon T handle can be adjusted as required. The hexagon ends are designed to transmit the maximum possible torque to the screw.
The rod length allows remarkable torques to be effortlessly applied to the screws.

Ongoing production improvements have translated, for example, into sandblasted finishes and sharp-edged hexagon ends which allow a better fit onto any screws, including damaged ones.

Laser marking results in a sturdier rod.
Model **951GP** was developed in tandem with MotoGP and Superbike technicians and mechanics, with a view to increasing screwing/unscrewing speed.

951

T-handle wrenches with three hexagon male ends

mm	L mm	L1 mm	Ø mm		
2	125	63	4,0	5	009510521
2,5	150	63	4,0	5	009510525
3	150	63	4,0	5	009510530
3,5	175	76	5,5	5	009510535
4	175	76	5,5	5	009510540
4,5	195	87	6,5	5	009510545
5	195	87	6,5	5	009510550
6	215	99	8,0	5	009510560
7	230	109	9,0	5	009510570
8	250	122	10,0	5	009510580
9	265	132	11,0	5	009510590
10	280	142	12,0	5	009510610
12	305	160	15,0	3	009510620
14	330	178	17,0	3	009510640

951/S6 2,5-3-4-5-6-8 mm	1	009510687
951/S8 2-2,5-3-3,5-4-4,5-5-6 mm	1	009510693
951/S14 2-2,5-3-3,5-4-4,5 5-6-7-8-9-10-12-14 mm	1	009510695

951/SP6 3-4-5-6-8-10 mm	1	009510696
951/SPV	1	009510697

951AS

T-handle wrenches with three hexagon male ends

"	L mm	L1 mm	Ø mm		
3/32	125	63	4,0	2	009510750
7/64	150	63	4,0	2	009510751
1/8	150	63	4,0	2	009510752
9/64	175	76	5,5	2	009510753
5/32	175	76	5,5	2	009510754
3/16	195	86	6,5	2	009510755
7/32	215	99	8,0	2	009510757
1/4	230	109	9,0	2	009510758
5/16	250	122	10,0	2	009510759
3/8	280	142	12,0	2	009510760

951AS/S6X 1/8-3/16-7/32-1/4-5/16-3/8	1	009510771

951GP

T-handle wrenches with one hexagon male end

Beta's wrench 951GP is the name for quick, accurate screw fit.
Designed to satisfy some key requirements in the Racing world: developing high torque values and ensuring quick tightening.

mm	L mm	L1 mm	Ø mm		
3	185	130	5	3	009511530
4	214	150	5	3	009511540
5	240	165	6	3	009511550
6	271	180	7	3	009511560
8	300	200	10	3	009511580
10	310	200	12	3	009511610

951GP/S6 3-4-5-6-8-10 mm	1	009511687

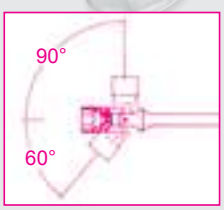
951TX

T-handle wrenches with three male ends for Torx® head screws

	L mm	L1 mm	Ø mm		
T6	125	63	4	3	009510806
T7	125	63	4	3	009510807
T8	125	63	4	3	009510808
T9	125	63	4	3	009510809
T10	150	63	4	3	009510810
T15	150	63	4	3	009510815
T20	175	76	5	3	009510820
T25	175	76	5	3	009510825
T27	195	87	6	3	009510827
T30	195	87	6	3	009510830
T40	215	99	7	3	009510840
T45	230	109	8	3	009510845
T50	250	122	9	3	009510850

951TX/S6 T8-T10-T15-T20-T25-T30	1	009510866
951TX/S13 T6-T7-T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	009510863

952 T-HANDLE WRENCHES WITH SWIVELLING HEXAGON SOCKETS



Reliable, precise pre-positioning is the secret for the success of this wrench.

The articulated joint maintains its function over the years, no adjustment being required.

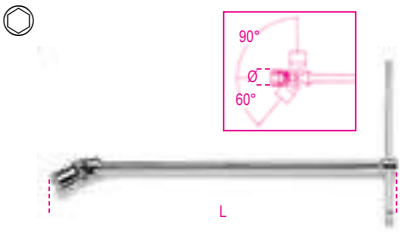
Socket rotation angle: 60°.

Can be used at 90° in fixed position.

Sliding T-handle, can be stopped in the required position throughout its length. Triple size marking on head.

952

T-handle wrenches with swivelling hexagon sockets



UNI 6743

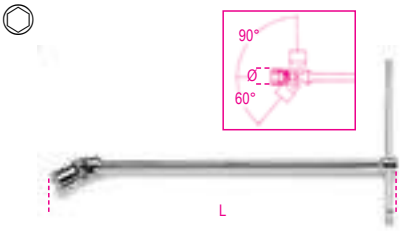
mm	Ø mm	L mm		
6	9,5	395	5	009520006
7	10,7	395	5	009520007
8	12,1	395	5	009520008
9	13,2	395	5	009520009
10	14,6	400	5	009520010
11	15,8	400	5	009520011
12	17,0	400	5	009520012
13	18,7	432	5	009520013
14	19,7	432	5	009520014
15	20,9	447	3	009520015
16	22,0	447	3	009520016
17	23,4	447	3	009520017
18	24,7	447	3	009520018
19	26,0	500	3	009520019
20	27,4	500	3	009520020
21	28,5	500	3	009520021
22	29,7	500	3	009520022
24	32,4	500	3	009520024

952/S7 8-10-11-13-14-17-19 mm	1	009520074
952/S10 7-8-10-11-12-13- 14-15-17-19 mm	1	009520080
952/S18 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22-24 mm	1	009520083

952/D7 7-8-10-12-13-14-17 mm	1	009520079

952AS

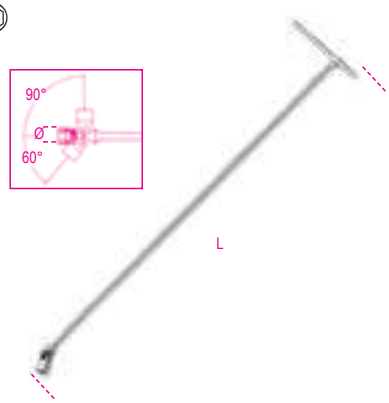
T-handle wrenches with swivelling hexagon sockets



"	Ø mm	L mm		
1/4	9,5	395	2	009520256
5/16	12,1	395	2	009520258
3/8	14,6	400	2	009520260
7/16	15,8	400	2	009520261
1/2	18,7	432	2	009520263
9/16	19,7	432	2	009520264
5/8	22,0	450	2	009520266
11/16	23,4	450	2	009520267
3/4	26,0	500	2	009520269

952L

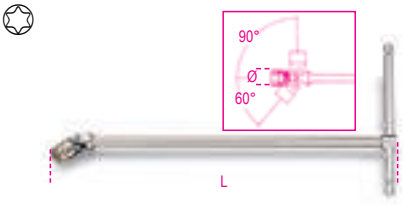
T-handle wrenches with swivelling hexagon sockets, long series



mm	Ø mm	L mm		
10	14,6	930	1	009520410
12	17,0	1063	1	009520412
13	18,7	1100	1	009520413
14	19,7	1100	1	009520414
15	20,9	1100	1	009520415
16	22,0	1100	1	009520416
17	23,4	1100	1	009520417
18	24,7	1100	1	009520418
19	26,0	1100	1	009520419

952FTX

T-handle wrenches with swivelling socket, for Torx® head screws

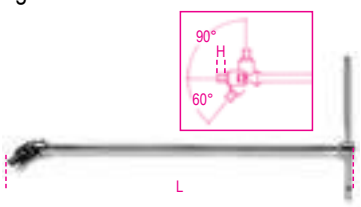


	Ø mm	L mm		
E6	8	392	2	009520106
E7	9	392	2	009520107
E8	10	395	2	009520108
E10	13	400	2	009520110
E12	15	440	2	009520112
E14	17	490	2	009520114
E16	19	490	2	009520116
E18	21	490	2	009520118
E20	23	490	2	009520120

952FTX/S9 E6-E7-E8-E10-E12 E14-E16-E18-E20		1 009520141

953

T-handle wrenches with swivelling hexagon male ends



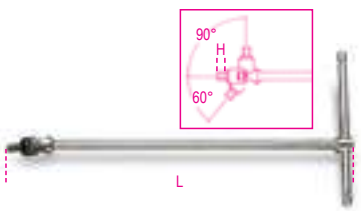
UNI 6754

mm	H mm	L mm		
3	5	395	5	009530130
3,5	6	395	3	009530135
4	6	395	5	009530140
4,5	7	395	3	009530145
5	7	395	5	009530150
6	9	400	5	009530160
7	10	425	3	009530170
8	11	425	5	009530180
10	13	440	5	009530200

953/S5 3-4-5-6-8 mm		1 009530305
953/S9 3-3,5-4-4,5 5-6-7-8-10 mm		1 009530301

953TX

T-handle wrenches with swivelling end for Torx® head screws



	H mm	L mm		
T20	11	396	2	009530020
T25	11	396	2	009530025
T27	11	396	2	009530027
T30	13	400	2	009530030
T40	13	400	2	009530040
T45	13	426	2	009530045
T50	14	442	2	009530050
T55	14	442	2	009530055

953TX/S8 T20-T25-T27-T30 T40-T45-T50-T55		1 009530060

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

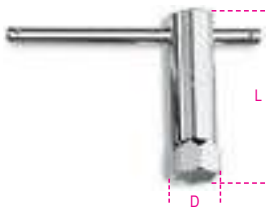
For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

	Items from	Items to
Wheels		
	720MRC	729T
	962	989B
	1530/C5	1531/C7
Engine		
	955	960VTC
	1440	1462/KEP
	1472	1485TC
	1737	1758S
Body work		
	1303	1369/C11
	1478	1479U/32
	1505V	1539
Transmission		
	1438	1438DSG
	1566N	1569/F
	1884	1884N/C8
Diagnostics		
	1464T/N	1465
	960PMC	961N
	1758VT	1760/IR1600
Brakes		
	1466/C5	1471T/C5
Oil and filters		
	1488/1	1496/C
	1877	1889N
Electric system		
	1489/33	1489/Y
	1497P	1497/C94
Starters		
	1498BC/12	1498/DG1100E
Suspension		
	1550U	1567
Garage equipment		
	1875LT	1879R/K4
	1893/134A	3004
Lifting tools		
	3006	3026/SAM
Hydraulic bench press		
	3027N 10	3028/KP
Jacks		
	3029/2T	3069

955

tubular spark-plug wrench
chrome-plated, hexagon end



mm - "	D mm	L mm		
16 **5/8**	21	86	3	009550016

956C

1/2" square drive spark plug sockets
chrome-plated, hexagon ends

- **Thin, sturdy walls, giving access to confined spaces.**
- **A retaining spring in inlet grips on spark plug hexagon.**
- **A rubber insert protects spark plug ceramic.**

ISO 11168

mm - "	D mm	L mm		
14 **9/16**	18,8	70	3	009560008
16 **5/8**	21,4	70	3	009560010
17,8 **11/16**	23,6	70	3	009560011
20,8 **13/16**	27,0	70	3	009560012

956E

3/8" square drive spark plug sockets
chrome-plated, hexagon ends

- **A retaining spring in inlet grips on spark plug hexagon.**
- **A rubber insert protects spark plug ceramic.**

ISO 11168

mm - "	D mm	L mm		
14 **9/16**	18,8	70	3	009560018
16 **5/8**	21,4	70	3	009560020
17,8 **11/16**	23,6	70	3	009560021
20,8 **13/16**	27,0	70	3	009560022

956F
3/8" square drive spark plug sockets

- A retaining spring in inlet grips on spark plug hexagon.
- A rubber insert protects spark plug ceramic.

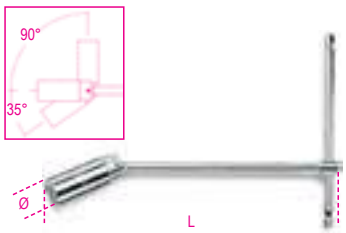
mm - "	Ø mm	L mm		
14 9/16	18,8	70	1	009560114
16 5/8	20,5	70	1	009560116

956L
1/2" square drive spark plug sockets, bi-hex ends, long series

- A retaining spring in inlet grips on spark plug hexagon.
- A rubber insert protects spark plug ceramic.

mm - "	Ø mm	L mm		
14 9/16	19,0	250	2	009560214
16 5/8	21,0	250	2	009560216

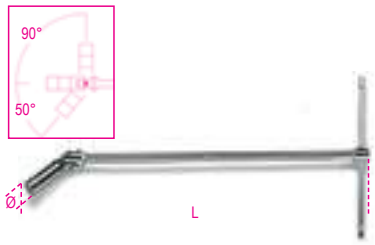
957
T-handle spark plug wrenches with swivelling sockets



ISO 11168

mm - "	D mm	L mm		
16 5/8	21,4	275	3	009570000
20,8 13/16	27,0	275	3	009570001

959
T-handle spark plug wrenches with swivelling sockets, standard series



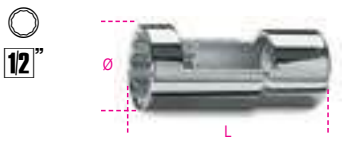
ISO 11168

mm - "	D mm	L mm		
14 9/16	18,8	483	3	009590009
16 5/8	21,4	483	3	009590010
20,8 13/16	27,0	527	3	009590011

959R
rubber inset and spare spring for items 956C - 956E - 957 - 959

959R/14 956C/14-956E/14	3	009590223
959R/16 956C/16-956E/16 957/16-959/16	3	009590224
959R/17,8 956C/17,8-956E/17,8	3	009590225
959R/20,8 956C/20,8-956E/20,8 957/20,8-959/20,8-959L	3	009590226

960A
1/2" square drive socket for Diesel engine injectors



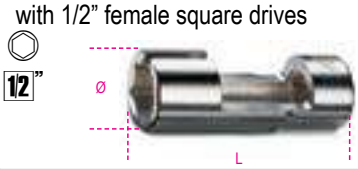
mm	D mm	L mm		
27	36,5	77	2	009600017

960ER
slide hammer for injector washers

stepped drill bit

L mm		
350	1	009600726

960SL
sockets for Lambda probes with 1/2" female square drives



	Ø mm		
960SL 85 ⬡ 22xL= 85 mm	33	2	009600085
960SL 110 ⬡ 22xL= 110 mm	33	2	009600110

960T/C11
assortment of sockets for removing/installing sensors

Kit contents:
- 1 double ended hexagon socket, size 1" - 11/16" for oil pressure sensors
- 1 open end hexagon socket, 29 mm, for oxygen sensors
- 1 open end bi-hex socket, 27 mm, for injectors
- 1 open end hexagon socket, 22 mm, for vacuostats
- 1 open end hexagon socket, 22 mm, 80 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, 90 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 30 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 50 mm long, for oxygen sensors
- 1 open end hexagon and bi-hex socket, 22 mm, compact, 34 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, tube-shaped
- 1 tap M18x1.5

⬡ 22 - 29 mm

960T/C11 330x270x25 mm	1	009600031

960/C6

3/8" female drive hexagon sockets for removing/installing exhaust gas temperature sensors

Kit contents:
- **3 short sizes, 13, 14, 17 mm**
- **3 long sizes, 13, 14, 17 mm**

3/8"

960/C6	1	009600055

170x120x50 mm

960KC-M8/M9/M10

assortment of tools for removing broken or damaged glow plugs

- **For spark plugs with threads M8-M9-M10**

960KC-M8/9/10	1	009600801

380x290x50 mm - 2,3 kg

960KPC

reversible impulse extractor with adjustable torque for glow plugs

Torque can be adjusted in 4 positions: 10-20-30-40 Nm

1/4"

CE

960KPC	1	009600780

8-9-10-11-12 mm

420x185x60 mm - 2,8 kg

960P

pressure/depressure tester with accessories and adaptors

960P	1	009600777

350x320x95 mm - 1,9 kg

960PI/C19

assortment of 19 tools for cleaning injector seats

Kit contents:
- **11 flat reamers, Ø:**
  14/14 mm - 15.5/15.5 mm - 15/19 mm - 17/19 mm - 17/17.5 mm 17/19 mm - 17/19.5 mm - 17/20 mm - 18/21 mm - 19 mm - 20/21 mm
- **4 angled reamers, Ø:**
  15.5/15.5 mm - 17/17 mm - 17.5/20.5 mm - 17/21 mm
- **Handle and cutter accessories**

960PI/C19	1	009600217

360x230x60 mm

960PI/K36

kit of brushes for cleaning injector seats

1/4

DIN 3126 E6,3

960PI/K36	1	009600218

350x255x74 mm 1253 g

960PI/S

kit for cleaning injector seats

Kit contents:
- **3 steel brushes, Ø 18, 22, 25 mm, for cleaning injector seats**
- **2 brushes, Ø 14 and 16 mm, for cleaning injector seat bottoms**
- **6 caps for closing hole connecting with combustion chamber**
- **1 brush for cleaning hole connecting with combustion chamber**
- **1 flexible bit holder with handle**

960PI/S	1	009600214

360x140x50 mm - 700 g

960VTC

leakage tester for petrol engine cylinders

after compressed air has been introduced into cylinder, gauge will allow it to be tested for compression leaks

960VTC	1	009600261

373x295x70,6 mm - 2,3 kg

960PMC

diesel injector test and calibrating hand pump

Bar max.		
600	1	009600200

961N
electronic videoscope
with flexible, rotating probe

- **TFT LCD 5" screen**
- **Supports SD cards**
- **Video and image recording**
- **4 LEDs**
- **Power supply via USB port (built-in battery)**
- **Rotating probe**
- **High resolution**

Technical specifications:
- Maximum resolution: 1920X1080
- Probe length: 1500 mm
- Camera diameter: 6 mm
- Video formats: AVI
- Photo formats: JPEG
- Shooting angle: 0÷180°
- Probe adjustment: 0÷360°
- Probe detection degree: IP67
- Data output: USB-C cable and SD card
- Power supply: 3.7V 2000 mAh battery

961N	1	009610030

961P6/S
flexible probes, 6 mm
for videoscope 961P6

	L mm		
961P6/S 1	1000	1	009610006
961P6/S 2	2000	1	009610262
961P6/S 3	3000	1	009610263

962
tyre levers

L mm	A mm		
300	21	5	009620003
400	25	5	009620004
500	27	3	009620005
600	27	3	009620006

962C

962C	245	

962P
tyre levers with non-scratch
rubber protection

L mm	A mm		
490	25	1	009620049

962M
tyre removal/installation tool

particularly recommended for runflat tyres and lower shoulder models

- **non-scratch rim locking jaws**
- **tyre removal lever seat**

962M	1	009620501

963
pry bar with pointed and flat bent ends

L mm	A mm		
400	23	5	009630001

964
pry bar with pointed and leverage ends

L mm	A mm		
400	46	5	009640001

965
pry bars with flat curved ends

L mm	A mm	L1 mm		
300	16	185	2	009650013
450	20	312	2	009650014
600	20	462	2	009650016

965/S3	1	009650019

966/C3
set of 3 levers with articulated, flat, curved heads

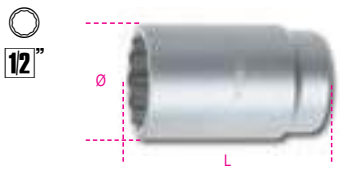
966/C3 L=200-250-300 mm	1	009660103

355x140x65 mm - 1,8 kg

720LS
impact sockets,
long, slim series

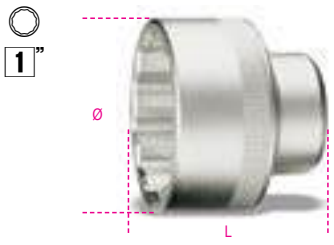
	D mm	L mm	Ø1 mm		
720LS 36	36	48,0	78	29	2	007200386

969B
hub nut locking socket



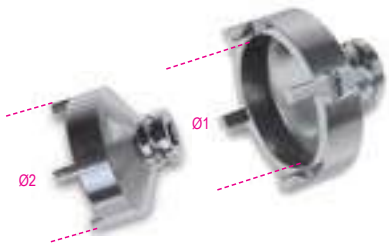
mm	Ø mm	L mm		
24	36,0	76	1	009690124
27	36,0	76	1	009690127
30	40,0	76	1	009690130
31	42,0	76	1	009690131
34	45,0	76	1	009690134
35	46,0	76	1	009690135
36	49,0	76	1	009690136

970B
socket for locking Fiat Daily hub nuts



mm	Ø mm	L mm		
65	88	75	1	009700010

970IVECO
hook socket
for Iveco Daily hub nuts
for versions from year 2014



Ø1 mm	Ø2 mm		
61,5	74,8	1	009700011

972/C4BMW
removal kit for anti-theft bolts
with free rings, for BMW and Mini cars

972/C4 BMW	1	009720004

516x145x66 mm - 3,8 kg

972/C10
removal kit for damaged wheel nuts

for use on anti-theft and conventional nuts

972/C10	1	009720010

290x250x60 mm - 2,4 kg

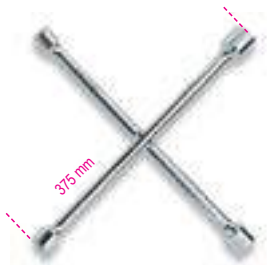
973
kit of 4 nylon wheel covers

suitable for the following rims:
14" ÷ 18" item number 009730014
19" ÷ 22" item number 009730019

- Preserves and protects wheel from scratches and dust
- During storage, it prevents early deterioration of rubber polymers in summer or winter tyres
- An icon allows wheel position (right/left front or right/left rear) identification
- Provided with handles for convenient transportation
- Fabric: nylon, washable

973 14-18	1	009730014
973 19-22	1	009730019

978 - 979
four-way hexagon wheel nut wrenches



UNI/ISO 6788 DIN 3119

978	2	009780001
17x19x21x22 mm		
979	2	009790001
17x19x22x■1/2 mm		

982
four-way hexagon wheel nut wrench

UNI/ISO 6788 DIN 3119

24x27x32x■3/4 mm	1	009820001

983PM
abrasive brush for cleaning hubs

Ø1 mm	Ø2 mm		
90	150	1	009830010

983 PM/R-DA
abrasive discs, pair, for item 983PM

Ø mm		
150	1	009830050

984
wheel nut plastic cap pliers

L mm	H mm		
195	4	1	009840005

985/B7
assortment of 7 guide pins
for wheel installation

Included sizes:
- **M12X1.25 male**
- **M12x1.25 female**
- **M12x1.5 male**
- **M12x1.5 female**
- **M14x1.25 male**
- **M14x1.5 male**
- **M16x1.5 male**

C985/B7	1	009850007

985M
male guide pins for wheel installation

	L mm		
985M M12X1,25	150	1	009850101
985M M12X1,50	150	1	009850102
985M M14X1,25	150	1	009850103
985M M14X1,50	150	1	009850104
985M M16X1,50	150	1	009850105

985F
female guide pins for wheel installation

	L mm		
985F M12X1,25	150	1	009850106
985F M12X1,50	150	1	009850107

986 48
tyre valve screwdriver, short model
automatic valve retention

L mm	L1 mm		
18	48	1	009860048

986 78
tyre valve screwdriver
automatic valve retention

L mm	L1 mm		
18	78	1	009860078

986PT
tyre valve screwdriver, precalibrated, 0.4 Nm

automatic valve retention
slip mechanism prevents valve core gasket from getting damaged

L mm	L1 mm		
19	120	1	009860140

987AR
tyre valve lever with non-scratch fulcrum
- **rubber and nylon fulcrum for alloy and iron rims**
- **valve quick coupling, does not require screwing**

L mm		
305	1	009870021

987P
tyre valve lever made of plastic

Handle accommodates screwdriver to work on mechanism inside valve

L mm		
335	1	009870011

988/K4
set of 4 scratchproof plastic flat chisels

988/K4 A= 19-21-25-38 mm	1	009880104

989
wheel balancing weight tool

L mm		
250	2	009890001

989A
pliers for removing wheel balancing adhesive weights

Nose profile specially designed to remove weights without making contact with rim

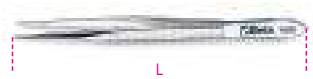
	L mm		
989A	220	1	009890011

989B
combination pliers for wheel balancing weights

functions:
- **removing adhesive weights for alloy rims**
- **removing weights for iron rims**
- **hammer with removable PE-HD covering for adhesive weights and iron rims**
- **weight jaws for iron rims**

L mm		
230	1	009890015

990
straight thin knurled point spring tweezers made from stainless steel bright finish



L mm		
130	5	009900001

991
bent thin knurled point spring tweezers made from stainless steel, bright finish

L mm		
130	5	009910001

992
straight thin knurled point pin spring tweezers made from stainless steel bright finish

L mm		
150	5	009920001

993
bent thin knurled point pin spring tweezers made from stainless steel bright finish

L mm		
145	5	009930001

993PL
bent thin knurled point pin spring tweezers made from stainless steel PVC-coated

L mm		
150	3	009930010

993G
pin spring tweezers, curved round ends, knurled made from stainless steel bright finish

L mm		
160	3	009930030

994
straight large knurled point spring tweezers made from stainless steel bright finish

L mm		
150	5	009940001

994PL
straight large knurled point spring tweezers made from stainless steel PVC-coated

L mm		
150	3	009940010

994TF
spring tweezers, acid and magnetic resistant, large round noses, strong and knurled ends made from stainless steel semi-bright finish

L mm		
150	3	009940020

996
straight end spring tweezers with wide tips made from stainless steel bright finish

L mm		
150	5	009960001

998
cross knurled end spring tweezers made from stainless steel bright finish

L mm		
155	5	009980001

999
flat round end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish

L mm		
115	3	009990011

999A
extra slim short end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish

L mm		
120	3	009990015

999B
strong straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish

L mm		
120	3	009990017

999C
extra slim straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish

L mm		
110	3	009990019

999D
extra slim angled end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish

L mm		
115	3	009990021

999E
extra slim curved end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish

L mm		
120	3	009990023

999G
extra slim straight end spring tweezers, acid and magnetic resistant with stop mechanism made from stainless steel semi-bright finish

L mm		
140	3	009990027

999/B6N

set of 6 spring tweezers,
acid and magnetic resistant

999/B6N 999-999A-999B 999C-999D-999E	1	009990060

1002

self-locking round end knurled tool made of stainless steel

L mm		
160	2	010020001

1008

long flat knurled nose pliers,
slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm		
160	51,5	5	010080006

1008BM

long flat knurled nose pliers
bi-material handles

ISO 5745

L mm	L1 mm		
160	51,5	3	010080036

1009

extra-long knurled nose pliers, slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm		
160	56,5	2	010090006

1009L/A

extra long needle knurled nose pliers,
for special operations,
slip-proof double layer PVC coated handles

L mm	L1 mm		
283	80	2	010090008

1009L/B

curved extra long knurled nose pliers,
45°, for special operations,
slip-proof double layer PVC coated handles

L mm	L1 mm		
273	73	2	010090009

1009L/C

bent extra long knurled nose pliers, 90°,
for special operations,
slip-proof double layer PVC coated handles

L mm	L1 mm		
253	45	2	010090010

1009L/D

extra-long, knurled double swivel nose pliers,
slip-proof double layer PVC coated handles

L mm	L1 mm		
342	71	1	010090058

1009L/DP

curved extra-long knurled double swivel nose pliers, 45°,
slip-proof double layer PVC-coated handles

L mm	L1 mm		
336	66	1	010090059

1009L/DP-S2

Set of 2 extra-long, knurled double swivel nose pliers

1009L/DP-S2	1	010090060

1010

long round knurled nose pliers,
slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm		
160	51,5	2	010100006

1010BM

long round knurled nose pliers
bi-material handles

ISO 5745

L mm	L1 mm		
160	51,5	2	010100036

PRECISION CIRCLIP PLIERS: ITALIAN-MADE DURABILITY AND QUALITY

Beta's precision circlip pliers, entirely designed and manufactured in our Italian-based factories, are the name for unparalleled reliability and high performance.

PERFECTLY ALIGNED TIPS
The special reverse cone geometry, obtained by turning the exclusive built-in body, allow accurate, controlled circlip insertion and firm hold, e.g. under the toughest operating conditions.

DURABLE, RELIABLE TIPS
The built-in frame, with tips cast from a single piece, ensures increased solidity and firmness, thus resulting in a significantly reduced risk of breakage - for example, when accidentally dropped.

THE PLUSES OF BETA'S RANGE

- **First-rate materials and manufacturing processes**
  The range is entirely made from cold-formed spring metal: a state-of-the-art process which allows for improved material structure, and thus increased elasticity and fatigue strength.
- **Small tips - available from Ø 0.9 mm**
  The wide range also includes small tips, which are ideal for the most delicate applications, in order to provide precision and control in the most complex situations.

1031/S4
set of 4 circlip pliers

1031/S4		1 010310000
1032 180	⊙ 19 ÷ 60 mm	
1034 170	⊙ 19 ÷ 60 mm	
1036 175	● 19 ÷ 60 mm	
1038 175	● 19 ÷ 60 mm	

1032
internal circlip pliers, straight pattern
PVC-coated handles

UNI 7914 DIN 5256

L mm	⊙ Ø mm		
140x0,9	8÷12	5	010320013
140x1,3	12÷25	5	010320014
180	19÷60	5	010320017
225	40÷100	3	010320021
300	85÷200	2	010320028

1033
internal circlip pliers, bent pattern,
45° PVC-coated handles

UNI 7914 DIN 5256

L mm	⊙ Ø mm		
140x0,9	8÷12	5	010330013
140x1,3	12÷25	5	010330014
180	19÷60	5	010330017
225	40÷100	3	010330021

1034
internal circlip pliers, bent pattern,
90° PVC-coated handles

UNI 7914 DIN 5256

L mm	⊙ Ø mm		
130x0,9	8÷12	5	010340013
130x1,3	12÷25	5	010340014
170	19÷60	5	010340017
210	40÷100	3	010340021
290	85÷200	2	010340028

1034L
90° curved long nose pliers
for elastic safety rings for holes,
PVC-coated handles

L mm	⊙ Ø mm		
190	40÷100	2	010340320

1036
external circlip pliers, straight pattern
PVC-coated handles

UNI 7915 DIN 5254

L mm	● Ø mm		
140x0,9	3÷10	5	010360013
140x1,3	10÷25	5	010360014
175	19÷60	5	010360017
225	40÷100	3	010360021
300	85÷200	2	010360028

1037

external circlip pliers, bent pattern,
45° PVC-coated handles

UNI 7915 DIN 5254

L mm	● Ø mm		
140x0,9	3÷10	5	010370013
140x1,3	10÷25	5	010370014
175	19÷60	5	010370017
225	40÷100	3	010370021

1038

external circlip pliers, bent pattern,
90° PVC-coated handles

UNI 7915 DIN 5254

L mm	● Ø mm		
135x0,9	3÷10	5	010380013
135x1,3	10÷25	5	010380014
175	19÷60	5	010380017
220	40÷100	3	010380021
300	85÷200	2	010380028

1039

straight point pliers for internal
and external circlips PVC-coated handles

L mm	○ Ø mm	● Ø mm		
150	10÷15	6÷25	2	010390015

1044N

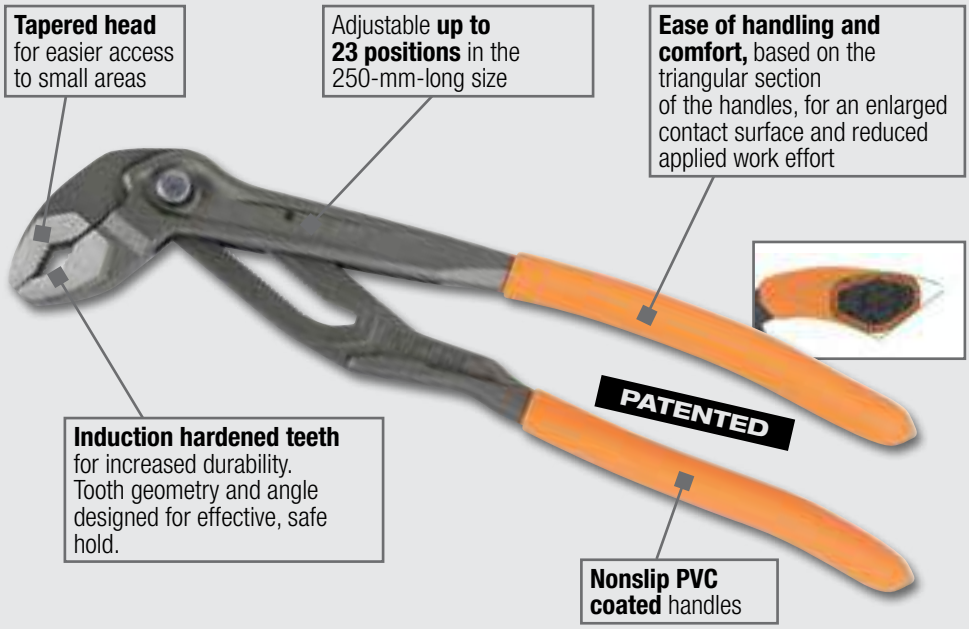
slip joint pliers, phosphated,
overlapping joint,
non-slip PVC-coated handles

· **8-position model**

L mm	A max mm	L1 mm		
250	46	48	5	010440025

1047N - SLIP JOINT PLIERS WITH PUSH BUTTON ALIGNMENT

WITH EXCLUSIVE JAW ADJUSTMENT AND AUTOMATIC LOCKING SYSTEM

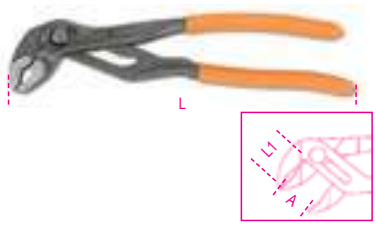


PATENTED MECHANISM FOR JAW ADJUSTMENT AND AUTOMATIC LOCKING

The exclusive push button system allows the pliers to be opened, closed and used with one hand.

1047N

slip joint pliers, push button alignment,
slip-proof PVC-coated handles



ISO 8976

L mm	A max mm	L1 mm		
180	34	30	2	010470018
250	42	37	2	010470024
300	52	43	1	010470030

1047N/D3

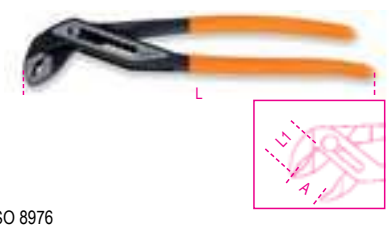
set of 3 slip joint pliers, push button alignment

Patented push button and phosphated body

1047N/D3 180-250-300 mm	1	010470053

1048N

slip joint pliers,
slip-proof PVC coated handles



ISO 8976

L mm	A max mm	L1 mm	S mm		
175	36	31	11	3	010480910
250	46	38	13	5	010480915
300	60	44	14.8	2	010480920
400	96	81	19	1	010480940

1048N/D3

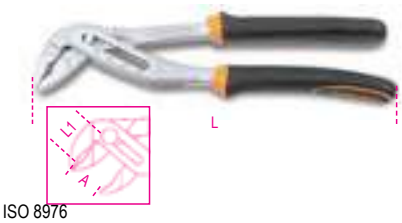
set of slip joint pliers

phosphated heads

1048N/D3 175-250-300 mm	1	010480923

1048BM
slip joint pliers, boxed joint, bimaterial handles

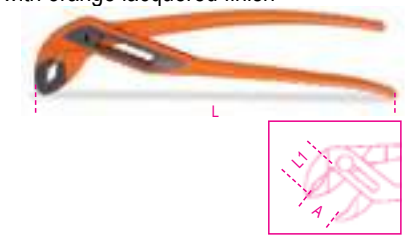
· new 9-position model



ISO 8976

L mm	A max mm	L1 mm		
250	48	39	3	010480215

1048VN
slip joint pliers, boxed joints, with orange lacquered finish



ISO 8976

L mm	A max mm	L1 mm		
175	36	31	3	010480111
250	46	38	5	010480116
300	60	44	2	010480121

1050
double adjustment self-locking pliers

L mm		
220	2	010500022

1051
double adjustment self-locking pliers long jaws

L mm		
255	2	010510025

1051GM
double adjustment self-locking pliers, floating jaw

L mm		
255	2	010510250

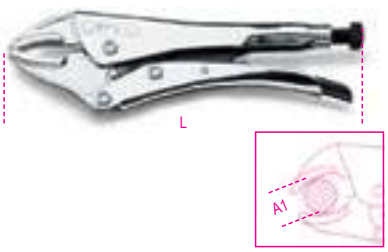
1051L
large-capacity double adjustment self-locking pliers

L mm		
270	2	010510100

1051XL
large-capacity double adjustment self-locking pliers, extra-long jaws

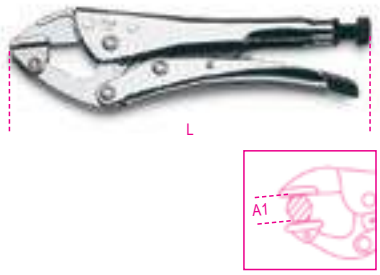
L mm		
270	2	010510140

1052
adjustable self-locking pliers, concave jaws



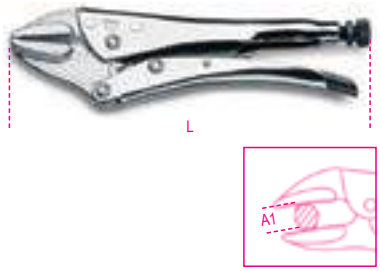
L mm	A1 max mm		
140	22	3	010520014
190	36	3	010520019
240	42	3	010520024
300	55	2	010520030

1053
adjustable self-locking pliers, floating jaw



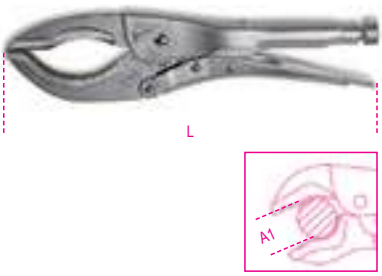
L mm	A1 max mm		
240	35	2	010530024

1054
adjustable self-locking pliers, straight jaws



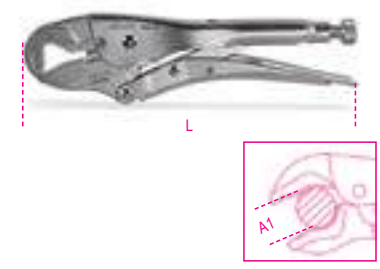
L mm	A max mm		
235	40	2	010540022

1055
adjustable self-locking pliers, curved jaws



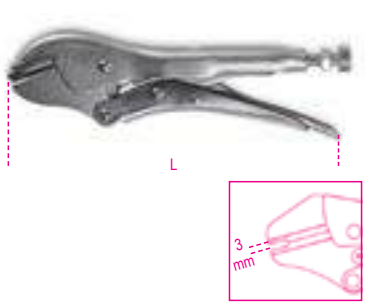
L mm	A1 max mm		
270	75	2	010550027

1055D
adjustable self-locking pliers, for nuts and cylindrical profiles



L mm	A1 max mm		
195	22	2	010550119
235	43	2	010550123

1056
adjustable self-locking pliers
for refrigeration technicians

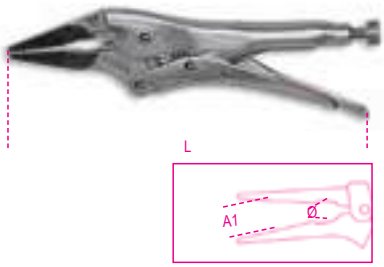


L mm		
195	2	010560017

1057A
automatic self-locking pliers with adjustable force

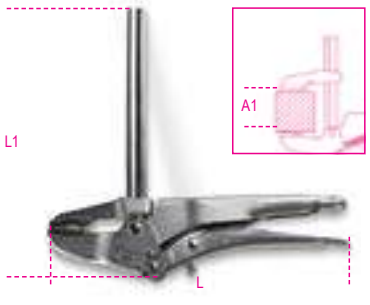
L mm		
240	2	010570124

1058
adjustable self-locking pliers,
long jaws



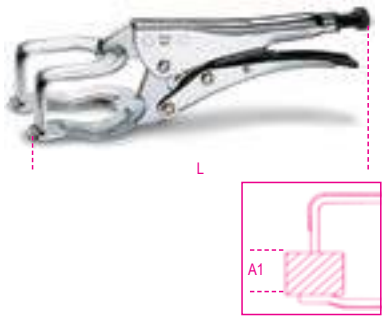
L mm	A1 max mm	Ø max mm		
175	34	26	2	010580017
225	46	31	2	010580025

1059
adjustable self-locking pliers
with one sliding jaw



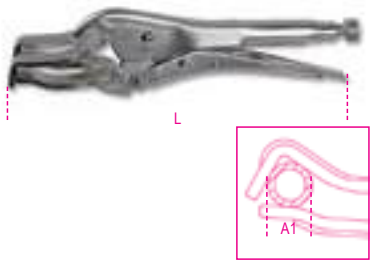
L1 mm	L mm	A1 mm		
160	255	120	1	010590016
270	255	220	1	010590027

1060
adjustable self-locking pliers,
fork-type jaws



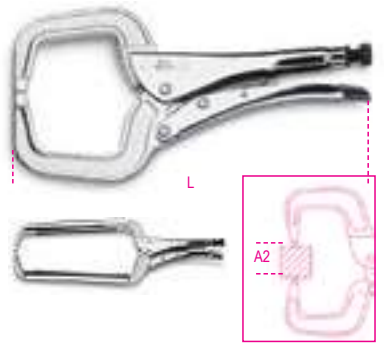
L mm	A1 max mm		
200	50	2	010600020
280	80	2	010600028

1061
adjustable self-locking pliers,
fork-type jaws



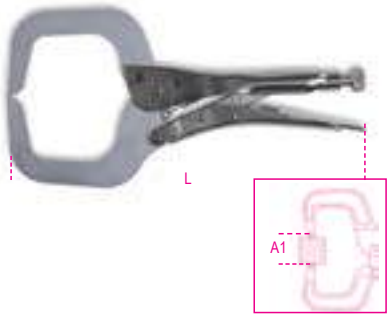
L mm	A1 max mm		
275	80	2	010610027

1062
adjustable self-locking pliers
with C-shaped jaws



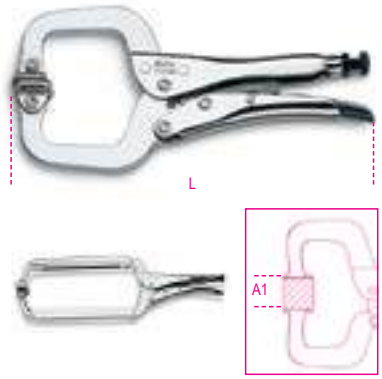
L mm	A1 max mm		
170	50	2	010620017
290	120	2	010620029
460	255	1	010620045

1062AL
adjustable self-locking pliers,
aluminium C-shaped jaws



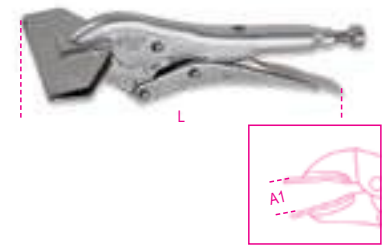
L mm	A1 max mm		
275	88	2	010620327

1062GM
adjustable self-locking pliers
with floating C-shaped jaws



L mm	A1 max mm		
170	45	2	010620217
290	88	2	010620229
460	255	1	010620245

1063
adjustable self-locking pliers
for tinsmiths

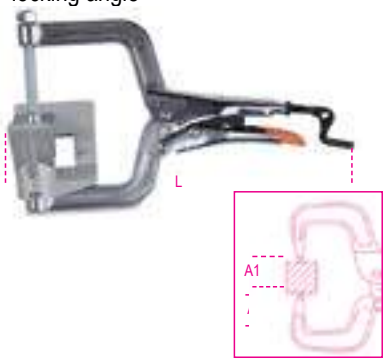


L mm	A1 max mm		
200	31	2	010630021

1064
adjustable self-locking pliers with chain

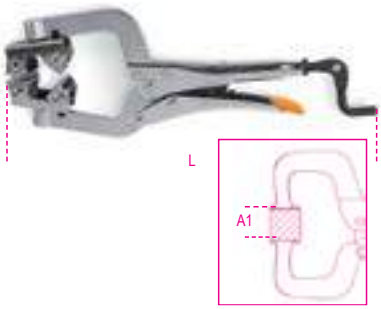
L mm	Ø mm		
230	150	2	010640023

1066
adjustable self-locking pliers,
90° locking angle



L mm	A1 max mm	g		
210	55	500	1	010660021

1067
adjustable self-locking pliers for pipes,
articulated pipe clamping jaws



L mm	A1 max mm		
285	76	1	010670285
380	89	1	010670380

1068

1068	142

1077
straight wide blade tinsmith's pliers,
PVC-coated handles

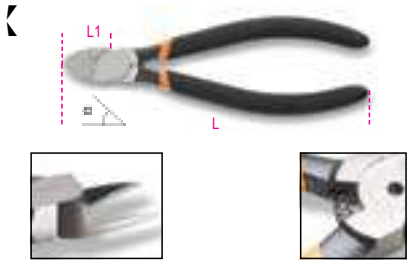
L ~ mm	A mm	L1 mm		
280	60	53	1	010770026

1078
curved wide blade tinsmith's pliers,
45° PVC-coated handles

L ~ mm	A mm	L1 mm		
280	60	77	1	010780026

1080D
diagonal flush cutting nippers,
slip-proof double layer PVC coated handles

For cutting plastic



○	L mm	L1 mm		
15°	160	22	3	010800015
45°	160	22	3	010800045

1081
semi-flush cutting nippers,
slip-proof double layer PVC
coated handles
- **For micro-mechanics and heavy-duty electronics**

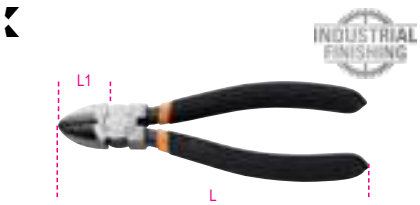
L mm	L1 mm		
125	16	3	010810130

1082
diagonal cutting nippers,
chrome-plated,
slip-proof double layer PVC coated handles

UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	5	010820004
160	22	1,6	5	010820006

1082G
diagonal cutting nippers,
slip-proof double layer PVC coated handles,
industrial finish



UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	5	010820064
160	22	1,6	5	010820066

1082BM
diagonal cutting nippers,
bi-material handles

UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	3	010820034
160	22	1,6	3	010820036

1082GBM
diagonal cutting nippers,
bi-material handles,
industrial finish

UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	3	010820264
160	22	1,6	3	010820266

1084
heavy duty diagonal cutting nippers,
chrome-plated,
slip-proof double layer PVC coated handles

UNI/ISO 5749

L mm	L1 mm	mm		
160	22	1,6	5	010840006
200	28	2,0	3	010840010

1084G
heavy duty diagonal cutting nippers,
slip-proof double layer PVC coated handles,
industrial finish

UNI/ISO 5749

L mm	L1 mm	mm		
160	22	1,6	5	010840066
200	28	2,0	3	010840070

1084BM
heavy duty diagonal cutting nippers,
chrome-plated,
bi-material handles

UNI/ISO 5749

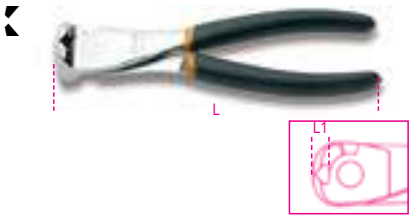
L mm	L1 mm		
160	22	1,6	3 010840036
200	28	2,0	3 010840040

1084GBM
heavy duty diagonal cutting nippers,
bi-material handles,
industrial finish

UNI/ISO 5749

L mm	L1 mm		
160	22	1,6	3 010840266
200	28	2,0	3 010840270

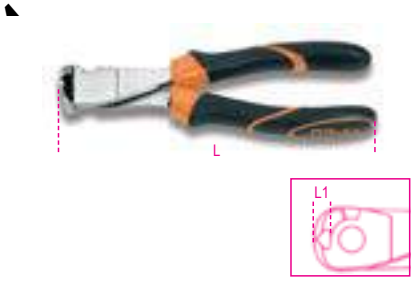
1088
heavy duty end cutting nippers,
slip-proof double layer PVC coated handles



UNI/ISO 5748

L mm	L1 mm		
160	9	1,6	2 010880006
200	11	2,0	2 010880010

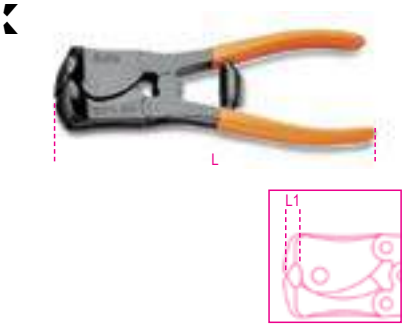
1088BM
heavy duty end cutting nippers,
bi-material handles



UNI/ISO 5748

L mm	L1 mm		
160	9	1,6	2 010880036
200	11	2,0	2 010880040

1092V
toggle lever assisted end cutting nippers



UNI/ISO 5748

L mm	L1 mm		
180	8	2,0	2 010920280
200	9	2,5	2 010920310

1094V
toggle lever assisted
diagonal cutting nippers

UNI/ISO 5749

L mm	L1 mm		
200	23	2,5	2 010940200

1095N
toggle lever assisted
diagonal cutting nippers

L mm	L1 mm		
195	26	1,6	2 010950010

1096
carpenter's pincers

ISO 9243

L ~	L1 mm		
160	21		5 010960016
200	23		5 010960020
250	30		5 010960025

1098
construction worker's pincers

ISO 9242 DIN 5242

L ~	L1 mm		
190	12		5 010980190
220	13		5 010980220
250	15		5 010980250
280	18		5 010980280

1098PL
construction worker's pincers,
PVC coated handles

ISO 9242 DIN 5242

L ~	L1 mm		
220	13		5 010980320
250	15		5 010980350
280	18		5 010980380

1101
bolt cutter phosphatized blades
and rubber grip handles

L mm	L "		
300	12		2 011010030
350	14		2 011010035
450	18		1 011010045
600	24		1 011010060
750	30		1 011010075
900	36		1 011010090

L mm	R = 80 Kgf=mm² Ø mm	R = 140 Kgf=mm² Ø mm	g	
300	5	4	745	
350	6	5	1043	
450	7	6	1537	
600	9	7	2540	
750	11	8	3870	
900	12	9	6170	

1101R
spare blades for item 1101

mm	1101		
300	300		1 011010130
350	350		1 011010135
450	450		1 011010145
600	600		1 011010160
750	750		1 011010175
900	900		1 011010190

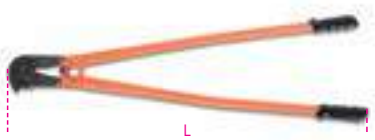
1102
bolt cutters, small series

Cutting capacity
R= 80 Kgf/mm²

L ~ mm	mm		
230	4	3	011020020

1103
flat hat bolt cutter
for rod irons, bolts and electrowelded mesh for concrete reinforcement

max. Ø = 12 mm
max. Ø (HRC 48)= 6 mm



L mm		
950	1	011030090

1103R
spare head for item 1103

1103R 950	1	011030190

1104
heavy-duty cutters for flexible steel cables, handles with thermoplastic grips

R=80 Kgf/mm²

L mm	mm		
420	12	1	011040004
600	16	1	011040006

1104R
spare blades for item 1104

mm		
420	1	011040014
600	1	011040016

1105
punches made from burnished steel

D mm	L mm		
2	27	1	011050002
3	27	1	011050003
4	27	1	011050004
5	27	1	011050005
6	27	1	011050006
7	27	1	011050007
8	27	1	011050008
9	27	1	011050009
10	27	1	011050010
12	27	1	011050012
14	27	1	011050014
16	27	1	011050016
18	27	1	011050018
20	27	1	011050020
22	32	1	011050022
24	32	1	011050024
26	32	1	011050026
28	32	1	011050028
30	32	1	011050030
32	37	1	011050032
34	37	1	011050034
36	37	1	011050036
38	37	1	011050038
40	37	1	011050040
42	42	1	011050042
44	42	1	011050044
46	42	1	011050046
48	42	1	011050048
50	42	1	011050050

1105T20
shank for punches 1105, 2 to 20 mm

L mm		
110	1	011050200

1105T30
shank for punches 1105, 3 to 30 mm

L mm		
175	1	011050205

1105T50
shank for punches 1105 2 to 50 mm

L mm		
175	1	011050207

1105AD-50
shank adaptor for item 1105T50

Ø mm		
57	1	011050210

1105/C10T
assortment of 10 punches, 3 to 20 mm, and 1 accessory

1105C/10T	1	011050250

1105 3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 mm
1105T20
135x92x32 mm

1105/C16T
assortment of 15 punches, 3 to 30 mm, and 1 accessory

1105C/16T	1	011050255

1105 3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 -30 mm
1105T30
240x210x60 mm

1105/C32T

assortment of 29 punches,
2 to 50 mm, and 3 accessories

1105C/32T	1	011050257

1105 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36 - 38 - 40 - 42 - 44 - 46 - 48 - 50 mm

1105T50

1105AD-50

455x380x115 mm

1112

tin snips straight wide blades

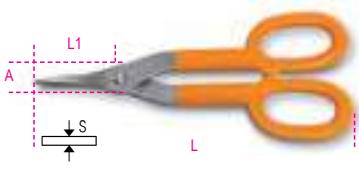
Cutting capacity
R= 60 Kgf/mm²

L ~	L1 mm	S mm	A mm		
200	50	0,5	26	2	011120020
250	62	0,8	33	2	011120025
300	76	1,0	37	2	011120030
375	76	1,2	44	1	011120037

1114

tin snips straight narrow blades

R = 60 Kgf/mm²



L~ mm	L1 mm	S mm	A mm		
250	58	0,5	15	1	011140265
350	76	1	22	1	011140340

1118

safety strap cutting shears

Fe = normal steel
Inox = stainless steel

L ~	L1 mm	Fe S mm	Inox S mm		
310	42	1	0,8	2	011180001

1120A

hand nibbler

Fe = normal steel

L mm	Fe S mm		
280	1,2	1	011200101

1120ARL - ARG

spare parts for item 1120A

1120ARL	1	011200110
1120ARG	1	011200120

1122

compound leverage shears,
straight blades

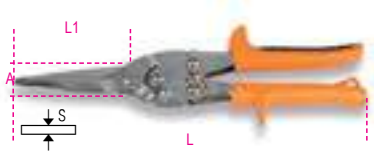
Inox = stainless steel

L ~	L1 mm	Inox S mm	A mm		
250	40	1	24	2	011220020

1122L

long blade shears for straight cuts

Inox = stainless steel



L ~	L1	Inox S mm		
288	98	1	2	011220035

1123

right cut compound leverage shears,
curved blades

Inox = stainless steel

L ~	L1 mm	Inox S mm	A mm		
250	40	1	24	2	011230020

1124

left cut compound leverage shears,
curved blades

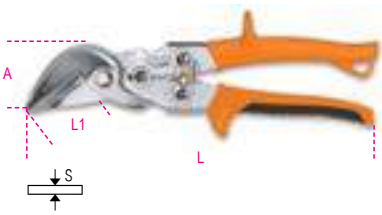
Inox = stainless steel

L ~	L1 mm	Inox S mm	A mm		
250	40	1	24	2	011240020

1125

compound leverage shears
for straight and right cuts

Inox = stainless steel

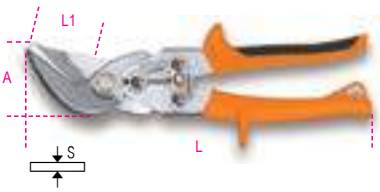


L ~	L1 mm	Inox S mm	A mm		
250	35	1	46	2	011250020

1126

compound leverage shears
for straight and left cuts

Inox = stainless steel



L ~	L1 mm	Inox S mm	A mm		
250	35	1	46	2	011260020

1122 - 1125MOL

1122 MOL	1122 - 1124	1	011220010
1123 MOL	1123	1	011230010
1125 MOL	1125 - 1126	1	011250040

1128FXS ELECTRICIAN'S SCISSORS WITH GRADUATED MILLING PROFILES

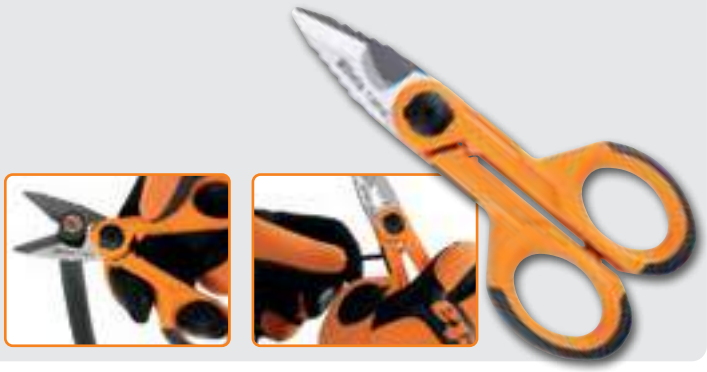
To redesign our electrician's scissors, we observed users' daily work.
We have made it into a universal tool, incorporating the 4 main features into one object.

CUTTING Quick and sharp, for cables up to 50 mm2, with a cable cutting groove and a microtoothed blade, for improved hold.

STRIPPING The sensitive anti-loosening pin allows even the thinnest cables to be accurately stripped.

CRIMPING Safe and durable, for tube terminals.

COUNTERSINKING The milling profile allows the holes in pull boxes to be countersunk accurately and neatly.



1128BAX DOUBLE-ACTING ELECTRICIANS' SCISSORS,

with milling profiles in DLC-coated stainless steel

Scissors 1128BAX stand out for their DLC-finished blades. DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness - resistance to abrasion and wear
- Low coefficient of friction - smoothness and anti-adherence

+HARDNESS
-COEFFICIENT OF FRICTION

1127

telephone engineer's scissors,
straight blades

L mm	L1 mm		
150	35	5	011270001

1128BAX

Double-acting electricians' scissors,
with milling profiles in DLC-coated stainless steel

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case

L mm	L1 mm	mm²		
150	50	50	5	011280088

1128BMX

electrician's scissors,
straight stainless steel blades,
with microteeth

L mm	L1 mm		
147	58,2	5	011280051

1128BSX

electrician's scissors
with graduated milling profiles with case

L mm	L1 mm		
148	58,2	5	011280061

1128FX

electrician's scissors,
straight stainless steel blades,
with microteeth, cable cutting groove and crimping pliers for tube terminals

- **Articulated belt hook case**
- **Bimaterial handles**
- **Anti-loose pin**

L mm	L1 mm	mm²		
145	52	50	5	011280090

1128FXS

electrician's scissors with graduated milling profiles, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin

- Profile and mill: designed to enlarge holes on plastic, from 13 to 21 mm.

L mm	L1 mm	mm²		
145	52	50	5	011280095

1128BM

electrician's scissors, straight blades

L mm	L1 mm		
145	50	5	011280000

1128 X-PRO

electrician's scissors, short blades, with wire stripping groove

L mm	L1 mm	mm²		
153	45	50	1	BM1325

1128 X-PRO EVO

electrician's scissors, short blades, with wire stripping groove

L mm	L1 mm	mm²		
160	45	50	1	BM1330

1130BMX

Multiuse scissors, straight stainless steel blades, with microteeth

L	L1		
185	60	1	011300002

1131CK

Kevlar® and fibre optics scissors

L mm	L1 mm		
203	75	1	011310001

1132

cable cutters for insulated copper and aluminium cables, slip-proof double layer PVC coated handles

UNI 8791

L ~	mm	mm²		
170	14	50	2	011320107
230	18	95	2	011320113

1132BM

cable cutters for insulated copper and aluminium cables, bi-material handles

UNI 8791

L ~	mm	mm²		
170	14	50	2	011320137
230	18	95	2	011320143

1133

cable cutter for copper cables, flexible

up to 325 mm²

L mm	mm	mm²		
600	30	325	1	011330001

1133RL

spare blades for item 1133

1133RL	1	011330011

1134B

ratcheting cable cutter

L mm	mm	mm²		
275	53	500	1	011340050

1134B/RL

spare blades for item 1134B

1134B/RL	5	011340150

1134S

ratcheting cable cutter

L mm	mm	mm²		
255	32	400	1	011340030

1134S/RL

spare blades for item 1134S

1134S/RL	5	011340130

1135
cable cutter for steel cables

L mm		
190	2	011350001

1142BM
wire stripping pliers,
bi-material handles

UNI 7923

L mm	mm²	mm		
160	0,5÷6	0-2,8	3	011420036

1143
wire stripping pliers

L ~ mm	mm²	mm		
165	0,5÷6	1-3,2	1	011430001

1143R
spare blades for item 1143

1143R	1	011430011

1144D
cable stripping tool

L mm	mm²	mm		
170	4,5÷240	2,5-18	1	011440010

1144D/RG
spare hook for item 1144D

1144D/RG	1	011440012

1144D/RL
spare blades for item 1144D

1144D/RL	1	011440011

1144G
cable stripping tool

with adjustable blade for transverse and longitudinal cuts

L		mm		
140	6÷75	2.8-12	1	011440004

1144G/RL
spare blade for item 1144G

1144G/RL	1	011440005

1144L
cable stripping tool with adjustable blade depth, for transverse and longitudinal stripping

with smooth and hook-shaped retractable blade

L mm	mm²	mm		
145	6-150	4-28	1	011440050

1144T
cable stripping tool, pocket size,
with cutting device

L mm	mm	g		
112	3,5 ÷ 9	40	1	011440060

1148A
wire stripping pliers, self-adjusting,
with cutting device

cutting capacity
10 mm² (8 AWG) flexible wires
1,5 mm² (16 AWG) sturdy wires

L mm	mm²	mm		
190	0,02÷10	0-4	1	011480100

1148A/R
spare blades for item 1148A

1148A/R	1	011480102

1148B
wire stripping pliers, self-adjusting,
with cutting device

L mm	mm²	mm		
190	4÷16	2-5	1	011480200

1148B/R
spare blades for item 1148B

1148B/R	1	011480202

1148P
wire stripping pliers, self-adjusting, with cutting device

L mm	mm²	mm		
165	0.2-6	0-3.5	1	011480300

1149F

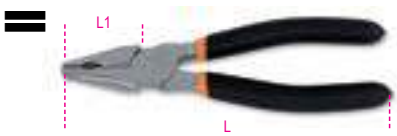
front wire stripping pliers with cutting blade, self-adjusting

L mm	mm²		
175	0,2 ÷ 6	1	011490010

1150

combination pliers
bright chrome-plated,
slip-proof double layer PVC coated handles

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



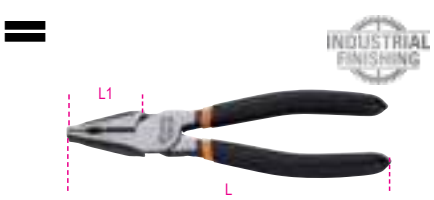
ISO 5746

L mm	L1 mm	mm		
160	42	1,6	5	011500046
180	46	1,8	5	011500048
200	50	2,0	5	011500050
220	50	2,0	2	011500052

1150G

heavy duty combination pliers,
slip-proof double layer PVC coated handles,
industrial finish

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm		
160	42	1,6	5	011500066
180	46	1,8	5	011500068
200	50	2,0	5	011500070
220	50	2,0	2	011500072

1150HPC HEAVY DUTY UNIVERSAL PLIERS

with cutting edges made of M2 sintered steel

- The decentralized pin allows the fulcrum to be closer to the cutting point, thereby resulting in an improved lever effect.
- Perfect alignment of the nose and the thin profile allow the pliers to be used in very small areas.
- The body of the pliers is made of a reliable molybdenum steel which has been heat treated in order to be flexible and resistant so as to guarantee a safe grip in any moment.

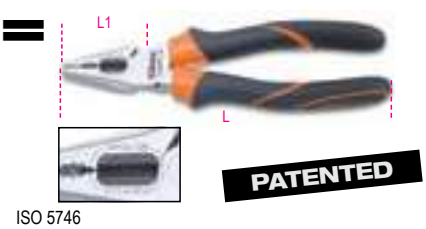
Shearing stress - static test =	-73%
Average life of cutting edges = (test ISO 5744)	+127%
Hardness of M2 steel cutting edges =	65HRC

- **ABSOLUTELY GROUNDBREAKING**
- **PEARL CHROME-PLATED FINISH**
- **REMARKABLE CUTTING CAPACITY**

1150HPC

heavy duty combination pliers with integrated cutting edges
and decentralized pin
bi-material handles
open joint

integrated cutting edge
steel: M2
thickness: 0.20 mm
angle: 62°
hardness: 63÷65 HRC



ISO 5746

L mm	L1 mm	mm		
180	42	1,8	2	011500618

1150BM

combination pliers bright chrome-plated,
bi-material handles

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.

ISO 5746

L mm	L1 mm	mm		
160	42	1,6	3	011500146
180	46	1,8	3	011500148
200	50	2,0	3	011500150
220	50	2,0	2	011500152

1150GBM

heavy duty combination pliers,
bi-material handles,
industrial finish

• **The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.**

ISO 5746

L mm	L1 mm	mm		
160	42	1,6	3	011500266
180	39	1,8	3	011500268
200	50	2,0	3	011500270
220	50	2,0	2	011500272

1153

adjustable pliers,
two positions, PVC-coated handles

UNI ISO 9343

L mm	L1 mm		
200	34	2	011530120

1162

extra-long flat knurled nose pliers,
chrome-plated,
slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm	mm		
160	58	1,6	5	011620006
200	86	1,6	5	011620010

1162G

extra-long flat knurled nose pliers,
slip-proof double layer PVC coated handles,
industrial finish

ISO 5745

L mm	L1 mm	mm		
160	58	1,6	5	011620066
200	86	1,6	5	011620070

1162BM

extra-long flat knurled nose pliers,
chrome-plated,
bi-material handles

ISO 5745

L mm	L1 mm	mm		
160	58	1,6	3	011620036
200	86	1,6	3	011620040

1162GBM

extra-long flat knurled nose pliers,
bi-material handles,
industrial finish

ISO 5745

L mm	L1 mm	mm		
160	58	1,6	3	011620266
200	86	1,6	3	011620270

1164

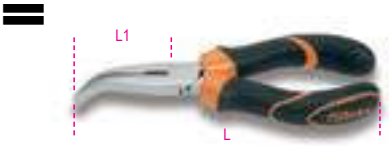
extra long bent flat knurled nose pliers,
slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm	mm		
160	54	1,6	5	011640006
200	76	1,6	5	011640010

1164BM

extra long bent flat knurled nose pliers,
bi-material handles



ISO 5745

L mm	L1 mm	mm		
160	54	1,6	3	011640036
200	76	1,6	3	011640040

1166

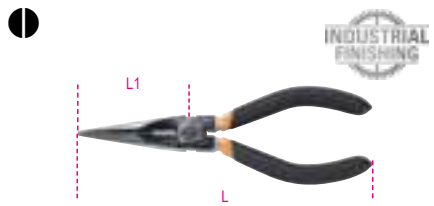
extra-long needle knurled nose pliers,
chrome-plated,
slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm	mm		
160	56	1,6	5	011660006
200	76	1,6	5	011660010

1166G

extra-long needle knurled nose pliers,
slip-proof double layer PVC coated handles,
industrial finish



ISO 5745

L mm	L1 mm	mm		
160	56	1,6	5	011660066
200	76	1,6	5	011660070

1166BM

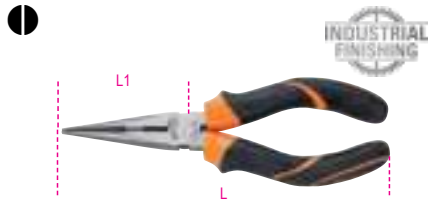
extra-long needle knurled nose pliers,
chrome-plated,
bi-material handles

ISO 5745

L mm	L1 mm	mm		
160	56	1,6	3	011660036
200	76	1,6	3	011660040

1166GBM

extra-long needle knurled nose pliers,
bi-material handles,
industrial finish



ISO 5745

L mm	L1 mm	mm		
160	56	1,6	3	011660266
200	76	1,6	3	011660270

1168

extra-long bent needle knurled nose pliers,
chrome-plated,
slip-proof double layer PVC coated handles

ISO 5745

L mm	L1 mm	mm		
160	54	1,6	5	011680006
200	76	1,6	5	011680010

1168G

extra-long bent needle knurled nose pliers,
slip-proof double layer PVC coated handles,
industrial finish

ISO 5745

L mm	L1 mm	mm		
160	54	1,6	5	011680066
200	76	1,6	5	011680070

1168BM

extra-long bent needle knurled nose pliers,
chrome-plated,
bi-material handles

ISO 5745

L mm	L1 mm	mm		
160	54	1,6	3	011680036
200	70	1,6	3	011680040

1168GBM

extra-long bent needle knurled nose pliers,
bi-material handles,
industrial finish

ISO 5745

L mm	L1 mm	mm		
160	54	1,6	3	011680266
200	70	1,6	3	011680270

1169/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers

1169/D3 1082 160mm 1150 180mm 1166 160mm	1	011690053

1169G/D3

set of 1 combination pliers,
1 long needle nose pliers
and 1 diagonal cutting nippers, slip-proof
double layer PVC, industrial finish

1169G/D3 1082G 160mm 1150G 180mm 1166G 160mm	1	011690073

1169BM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers

1169BM/D3 1082BM 160mm 1150BM 180mm 1166BM 160mm	1	011690133

1169GBM/D3

set of 1 combination pliers,
1 long needle nose pliers
and 1 diagonal cutting nippers, bi-material
handles, industrial finish

1169GBM/D3 1082GBM 160mm 1150GBM 180mm 1166GBM 160mm	1	011690273

1169N/D4

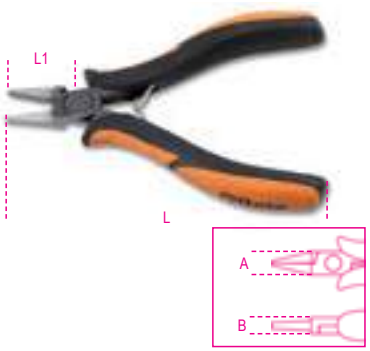
Set of 1 heavy-duty combination pliers, 1 long needle nose pliers, 1 cutting nippers, chrome-plated, and 1 slip joint pliers with boxed joints, phosphated

1 011690024

1169N/D4
1082 160 mm
1150 180 mm
1166 160 mm
1048N 250 mm

1171BM

smooth, flat short nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
130	18	12	8	2	011710101

1172BM

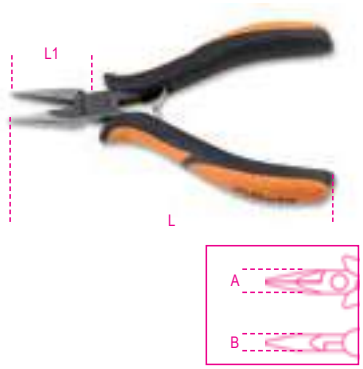
smooth, flat long nose pliers
bi-material handles

ISO 9655

L ~	L1 mm	A mm	B mm		
140	40	12	8	2	011720101

1175BM

smooth half-round short nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	29	12	8	2	011750101

1177BM

smooth half-round long nose pliers
bi-material handles

ISO 9655

L ~	L1 mm	A mm	B mm		
140	38	12	8	2	011770101

1177BM/Z

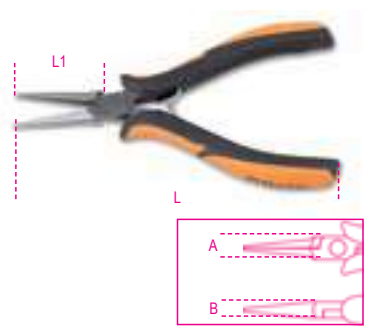
half-round long knurled nose pliers
bi-material handles

ISO 9655

L ~	L1 mm	A mm	B mm		
140	39	12	8	2	011770113

1178BM

smooth half-round long needle nose pliers
bi-material handles

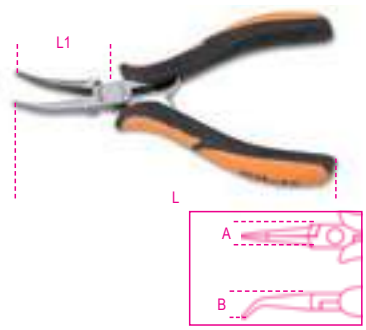


ISO 9655

L ~	L1 mm	A mm	B mm		
140	37	12	8	2	011780101

1178BM/P

smooth half-round long bent needle nose pliers
bi-material handles



L ~	L1 mm	A mm	B mm		
140	36,5	12	12	2	011780102

Copper cutting nippers.
For heavier duty jobs see item 1081

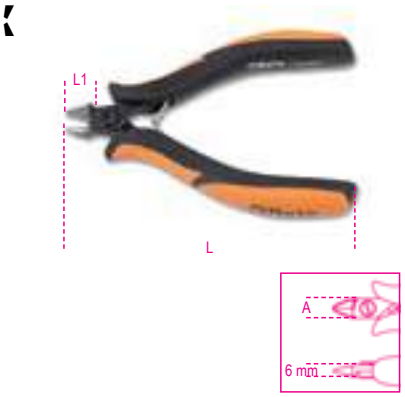
1182BM

diagonal semi-flush cutting nippers, slim tips
bi-material handles

ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011820101

1183BM
diagonal semi-flush cutting nippers,
rounded tips
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011830101

1184BM
diagonal flush cutting nippers,
rounded tips
bi-material handles

ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011840101
130	13	12,5	1,25	2	011840102

1185BM
diagonal flush cutting nippers,
slim tips
bi-material handles

ISO 9654

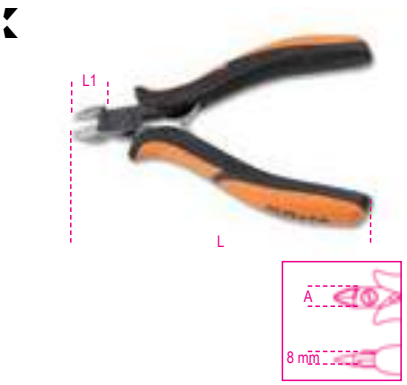
L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011850101
130	13	12,5	1,25	2	011850102

1186BM
diagonal flush cutting nippers,
slim tapering tips
bi-material handles

ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011860101
130	13	12,5	1,25	2	011860102

1188BM
diagonal axial cutting nippers
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu mm		
125	12	12	1,25	2	011880101
130	17	15	2	2	011880102

1190BM
end semi-flush cutting nippers
bi-material handles

ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	12	12	1,25	2	011900113

1191BM
end flush oblique cutting nippers
bi-material handles

ISO 9654

L mm	L1 mm	A mm	Cu mm		
130	8	12	0,8	2	011910101

1191BM/L
end flush long oblique cutting nippers
bi-material handles

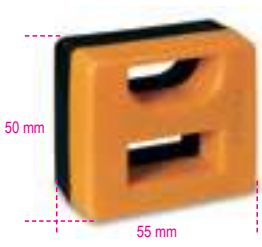
ISO 9654

L mm	L1 mm	A mm	Cu mm		
130	18	12	1	2	011910110

1191R/5-M
spare spring kit for pliers and nippers for electronics, 5 pairs (items: 1171...1191)

1191R/5-M	1	011910995

1200MS
magnetizer/demagnetizer



1200MS	5	012000000

Beta EVOX

THE EVOLUTION OF THE SCREWDRIVER!

The brand-new **hole on the handle** allows the screwdriver to hang for easy storage.

New thermoplastic rubbermakes each use including heavy-duty ones even more **comfortable**.

The **ergonomic design** fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

The **precision area** allows the screwdriver to be quickly rotated between the fingers.

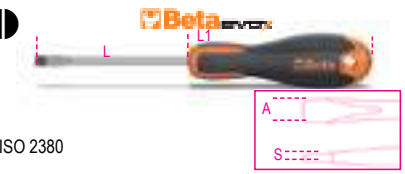
The **octagonal section** prevents any bothersome rolling on the worktop.

Beta's tried-and-tested blades ensure unique **elasticity, hardness and wear resistance**, for top end professional tools.

The style and size of the tip is printed on the **round cap** for quick identification.

1201E

screwdriver for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012011003
0,4x2,5x75	166	2,5	5	012011006
0,5x3x75	171	3,0	5	012011009
0,5x3x100	196	3,0	5	012011012
0,6x3,5x75	171	3,5	5	012011018
0,6x3,5x100	196	3,5	5	012011021
0,8x4x100	196	4,0	5	012011030
0,8x4x125	221	4,0	5	012011033
0,8x4x150	246	4,0	5	012011036
1,0x5,5x100	209	5,0	5	012011039
1,0x5,5x125	234	5,0	5	012011040
1,0x5,5x150	259	5,0	5	012011042
1,2x6,5x100	220	6,0	5	012011048
1,2x6,5x125	234	6,0	5	012011050
1,2x6,5x150	270	6,0	5	012011051
1,2x8x150	282	8,0	3	012011057
1,2x8x200	332	8,0	3	012011060
1,6x10x200	332	9,5	3	012011066

1201E/S6 0,5x3x75-0,6x3,5x100 0,8x4x100-1,0x5,5x100 1,2x8x150-1,6x10x200 mm	1	012011206

1201EN

screwdriver for slotted head screws, extra-short series

ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86,5	4	3	012011103
1,2x6,5x30	86,5	6	3	012011106

1201E/DZ

screwdriver for Dzus® head screws

L mm	L1 mm		
53	173	2	012011501

1202E

screwdriver for cross head Phillips® screws

UNI-ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	5	012021003
0x3x100	200	5	012021006
1x4,5x80	189	5	012021009
1x4,5x120	229	5	012021012
2x6x100	220	5	012021018
2x6x150	270	5	012021021
3x8x150	282	3	012021024
4x9,5x200	332	3	012021027

1202E/S4 PH0x3x60-PH1x4,5x120 PH2x6x150-PH3x8x150 mm	1	012021204

1202EN

screwdriver for cross head Phillips® screws, extra-short series

UNI-ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012021103
2x6x30	86,5	3	012021106

1203E/D

set of screwdrivers

1203E/D5		1	012031001
1201E	0,6x3,5x100-1,0x5,5x150 1,2x6,5x150 mm		
1202E	PH1x4,5x80-PH2x6x100 mm		
1203E/D5PZ		1	012031003
1201E	0,5x3x75-0,8x4x125 1,0x5,5x150 mm		
1209E/PZ	PZ1x4,5x80-PZ2x6x100 mm		
1203E/D6		1	012031006
1202E	PH1x4,5x80-PH2x6x100 mm		
1204E	0,4x2,5x60-0,5x3x100 0,8x4x100-1,0x5x125 mm		
1203E/D7		1	012031007
1201E	0,5x3x75-0,8x4x100 1,0x5,5x100-1,2x6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		
1203E/D8		1	012031008
1201E	0,5x3x75-0,8x4x125 1,0x5,5x150-1,2x6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		
1203E/D8P		1	012031018
1201E	2,5x50-3x75-4x100 5,5x100-6,5x150 mm		
1202E	PH0x60-PH1x80-PH2x100 mm		
1203E/D10		1	012031010
1201E	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x100 1,2x6,5x150-1,2x8x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		
1203E/D10N		1	012031019
1201E	0,4x2,5x50-0,5x3x75-0,8x4x100- 1,0x5,5x150-1,2x6,5x150 mm		
1201EN	0,8x4x30 mm		
1202E	PH0x3x60 - PH1x4,5x80 - PH2x6x100 mm		
1202EN	PH1x4,5x30 mm		

1203E/S

1203E/S8		1	012031009
1201E	2,5x50-3x75-4x100 5,5x125-6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		
1203E/S10		1	012031021
1201E	0,4x2,5x50-0,5x3x75 0,8x4x125-1,0x5,5x150 1,2x6,5x150-1,2x8x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

1204E

screwdriver for headless slotted screws

ISO 2380

SxDxL mm	L1 mm		
0,4x2,5x60	156	5	012041003
0,6x3x75	175	5	012041006
0,5x3x100	196	5	012041009
0,8x4x100	196	5	012041012
0,8x4x125	233	5	012041015
1x5x125	234	5	012041018
1x5x150	258	5	012041021
1,2x6,5x150	270	5	012041024

1204E/S5		1	012041205
0,4x2,5x60-0,5x3x100 0,8x4x100-1x5x125 1,2x6,5x150 mm			

1205E/ES

hexagon drivers with handles

mm	L mm	L1 mm		
1,5	100	200	3	012051315
2	100	200	3	012051320
2,5	100	200	3	012051325
3	100	200	3	012051330
4	100	208	3	012051340
5	100	219	3	012051350
6	125	244	3	012051360
8	150	277	2	012051380

1205E/ES-S8		1	012051408
1,5-2-2,5-3-4-5-6-8 mm			

1206E/BP

ball head hexagon drivers with handles

mm	L mm	L1 mm	Ø mm		
2	100	198	2,5	3	012061320
2,5	100	198	3,0	3	012061325
3	100	198	3,5	3	012061330
4	100	209	5,0	3	012061340
5	100	220	6,0	3	012061350
6	125	245	7,0	3	012061360
8	150	287	9,5	2	012061380

1206E/BP-S7		1	012061407
2-2,5-3-4-5-6-8 mm			

1207E/TX

screwdrivers for Torx® head screws, with handles

	L mm	L1 mm	Ø mm		
T5	50	150	3	5	012071005
T6	60	156	4	5	012071006
T7	60	156	4	5	012071007
T8	60	156	4	5	012071008
T9	60	156	4	5	012071009
T10	80	189	5	5	012071010
T15	80	189	5	5	012071015
T20	100	209	5	5	012071020
T25	100	209	5	5	012071025
T27	100	220	6	5	012071027
T30	100	220	6	5	012071030
T40	130	262	7	2	012071040
T45	130	262	8	2	012071045

Beta EVOX-E ELECTRIC SCREWDRIVER BETA EVOX-E

The electric screwdriver, Beta Evox-E, is ideal for carrying out high-precision jobs with minimum effort and maximum rapidity.

It is available in two variants:

- **electric screwdriver 1210E/GE with bits**

- **electric screwdriver 1211E/GE with 1000V insulated bits**
  ⚠1000 V

Battery life
Long-lasting 3.7V 2300mAh lithium battery, allowing up to 1,000 screw fastenings with one charging cycle.

CONVENIENCE
Reduced dimensions for use in small spaces, and front LEDs for excellent visibility of the work point.

ERGONOMIC DESIGN
The handle suits the palm of the hand perfectly, for a firm, comfortable hold.

1207E/TX-D7 T6-T8-T10-T15 T20-T25-T30	1	012071207
1207E/TX-S13 T5-T6-T7-T8-T9-T10-T15 T20-T25-T27-T30-T40-T45	1	012071213

1208E/RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles

	L mm	L1 mm	Ø mm		
T9	60	156	4	5	012081009
T10	80	189	5	5	012081010
T15	80	189	5	5	012081015
T20	100	209	5	5	012081020
T25	100	209	5	5	012081025
T27	100	220	6	5	012081027
T30	100	220	6	5	012081030
T40	130	262	7	2	012081040

1208E/RTX-D7 T9-T10-T15-T20 T25-T27-T30	1	012081207

1209E/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws

UNI-ISO 8764

PZ	L mm	L1 mm		
0	60	156	5	012091000
1	80	189	5	012091003
2	100	220	5	012091006
3	150	282	3	012091009
4	200	327	3	012091012

1209E/PZ-S4 PZ0-PZ1-PZ2-PZ3	1	012091204

1209EN/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws,
extra-short series

ISO 8764

PZ	L mm	L1 mm		
1	30	87	3	012091103
2	30	87	3	012091106

1210E/GE

Evox-E electric screwdriver

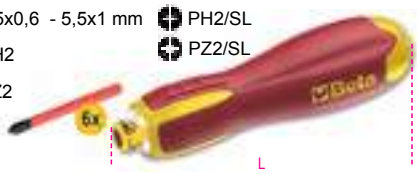
- 4-5 mm
- PH2
- PZ2
- T25 - T30

L mm		
150	1	012100701

1211E/GE

Evox-E electric screwdriver

- 3,5x0,6 - 5,5x1 mm
- PH2
- PZ2
- PH2/SL
- PZ2/SL



L mm		
150	1	012110701

Beta Morphos

THE SCREWDRIVER THAT ADAPTS TO THE SHAPE OF YOUR HAND

The handle relies on an innovative **three-material frame**: the polypropylene body ensures firmness, whereas an inner ultrasoft TPR layer, placed at the points of contact with the palm, is subject to controlled deformation, in order to adapt to the hand and provide improved transmission and comfort.

In-house laboratory tests have shown the ability to transmit **more than 30% additional torque compared to the previous models.**

Immediate blade identification on head

Relief texture for **improved grip - for example, under the toughest work conditions**

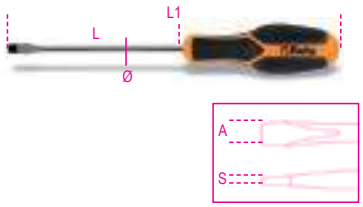
Triangular section for **reduced rolling on worktop**

Black phosphated tip for more accurate coupling with the screw and improved wear resistance

REDUCED EFFORT AND HIGHER PERFORMANCE IN EACH APPLICATION

1221

screwdrivers for slotted head screws



SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	151	2,5	5	012210003
0,4x2,5x75	176	2,5	5	012210006
0,5x3x75	176	3,0	5	012210009
0,5x3x100	201	3,0	5	012210012
0,6x3,5x75	176	3,5	5	012210018
0,6x3,5x100	201	3,5	5	012210021
0,8x4x100	209	4,0	5	012210030
0,8x4x125	234	4,0	5	012210033
0,8x4x150	259	4,0	5	012210036
1x5,5x100	209	5,0	5	012210039
1x5,5x125	233	5,0	5	012210040
1x5,5x150	259	5,0	5	012210042
1,2x6,5x100	221	6,0	5	012210048
1,2x6,5x125	246	6,0	5	012210050
1,2x6,5x150	271	6,0	5	012210051
1,2x8x150	283	8,0	3	012210057
1,2x8x200	333	8,0	3	012210060
1,6x10x200	333	9,5	3	012210066
2x12x250	333	10,0	3	012210069

1221/S6 0,4x2,5x75-0,5x3x75-0,8x4x125 1x5,5x150-1,2x6,5x150-1,2x8x200 mm	1	012210206

1221N

screwdrivers for slotted head screws, extra-short series

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	87,5	4	5	012210103
1,2x6,5x30	87,5	6	5	012210106

1222

screwdrivers for
cross head Phillips® screws

PHxDxL mm	L1 mm		
0x3x60	160	5	012220003
0x3x100	201	5	012220006
1x4,5x80	189	5	012220009
1x4,5x120	229	5	012220012
2x6x100	221	5	012220018
2x6x150	271	5	012220021
3x8x150	283	3	012220024
4x10x200	333	3	012220027

1222/S4 — 1 — 012220204
0x3x60-1x4,5x80-2x6x100-3x8x150 mm

1222N

screwdrivers for
cross head Phillips® screws,
extra-short series

PHxDxL mm	L1 mm		
1x4,5x30	87,5	5	012220103
2x6x30	87,5	5	012220106

1222L

screwdrivers for
cross head Phillips® screws, long series

PHxDxL mm	L1 mm		
0x3x300	401	3	012220303
1x4,5x400	509	3	012220306
2x6x400	521	3	012220309

1223/D...

set of screwdrivers

1223/D5 — 1 — 012230001

1221	0,6x3,5x100-1x5,5x150 1,2x6,5x150 mm
1222	PH1x80-PH2x100 mm

1223/D5PZ — 1 — 012230003

1221	0,5x3x75-0,8x4x125 1x5,5x150 mm
1229PZ	PZ1x4,5x80 - PZ2x6x100 mm

1223/D6 — 1 — 012230006

1222	PH1x80 - PH2x100 mm
1224	0,4x2,5x60-0,5x3x100 0,8x4x100-1x5x125 mm

1223/D7 — 1 — 012230007

1221	0,5x3x75-0,8x4x100 1x5,5x100-1,2x6,5x150 mm
1222	PH0x3x60 - PH1x4,5x80 - PH2x6x100 mm

1223/D10 — 1 — 012230010

1221	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x100 1,2x6,5x150-1,2x8x150 mm
1222	PH0x3x60 - PH1x4,5x80 - PH2x6x100 - PH3x8x150 mm

1223/D8P — 1 — 012230018

1221	2,5x50-3x75 4x100-5,5x100 6,5x150 mm
1222	PH0x60 - PH1x80 - PH2x100 mm

1223/D10N — 1 — 012230019

1221	2,5x50-3x75 4x100-5,5x150 6,5x150 mm
1221N	4x30 mm
1222	PH0x60 - PH1x80 - PH2x100 mm
1222N	PH1x80 mm

1223/S12

1223/S12 — 1 — 012230022

1221	0,4x2,5x50-0,5x3x75 0,6x3,5x100-0,8x4x125 1x5,5x125-1,2x6,5x150 1,2x8x200-1,6x10x200 mm
1222	PH0x3x60 - PH1x4,5x80 - PH2x6x100 - PH3x8x150 mm

1224

screwdrivers for slotted headless screws

SxDxL mm	L1 mm		
0,4x2,5x60	161	5	012240003
0,5x3x75	176	5	012240006
0,5x3x100	201	5	012240009
0,8x4x100	209	5	012240012
1x5x125	234	5	012240018
1,2x6,5x150	271	5	012240024

1224/S5 — 1 — 012240205
0,4x2,5x60-0,5x3x75-0,8x4x100
1x5x125-1,2x6,5x150 mm

1225ES

hexagon drivers
with handles

mm	L mm	L1 mm	Ø mm		
2	100	201	2,5	3	012250320
2,5	100	201	3,0	3	012250325
3	100	201	3,5	3	012250330
4	100	209	5,0	3	012250340
5	100	221	6,0	3	012250350
6	125	246	7,0	3	012250360
8	150	283	9,5	2	012250380

1225ES/S7 2-2,5-3-4-5-6-8 mm		1	012250407

1226BP

ball head hexagon drivers
with handles

mm	L mm	L1 mm		
2	100	201	3	012260320
2,5	100	201	3	012260325
3	125	226	3	012260330
4	125	234	3	012260340
5	120	241	3	012260350
6	140	261	3	012260360
8	160	293	2	012260380

1226BP/S7 2-2,5-3-4-5-6-8 mm		1	012260407

1227TX

screwdrivers for Torx® head screws, with handles

	L mm	L1 mm	Ø mm		
T5	50	151	3	5	012270105
T6	50	151	3	5	012270106
T7	50	151	3	5	012270107
T8	60	161	3	5	012270108
T9	60	169	4	5	012270109
T10	80	189	4	5	012270110
T15	80	189	4	5	012270115
T20	100	209	4,5	5	012270120
T25	100	209	5	5	012270125
T27	115	236	6	5	012270127
T30	115	236	6	5	012270130
T40	130	263	7	2	012270140
T45	130	263	8	2	012270145

1227TX/D7 T5-T6-T8-T10-T15-T20-T25		1	012270207

1227TX/S13 T5-T6-T7-T8-T9-T10-T15 T20-T25-T27-T30-T40-T45		1	012270213

1228RTX

screwdrivers for
Tamper Resistant Torx® screws, with handles

	L mm	L1 mm	Ø mm		
T9	60	169	4	3	012280109
T10	80	189	4	3	012280110
T15	80	189	4	3	012280115
T20	100	209	4,5	3	012280120
T25	100	209	5	3	012280125
T27	115	236	6	3	012280127
T30	115	236	6	3	012280130
T40	130	263	7	2	012280140

1228RTX/S8 T9-T10-T15-T20-T25-T27-T30-T40		1	012280208

1229PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws

PZ	L mm	L1 mm		
0	60	161	5	012290000
1	80	189	5	012290001
2	100	221	5	012290002
3	150	283	3	012290003
4	200	333	3	012290004

1229PZ/S4 PZ0 - PZ1 - PZ2 - PZ3		1	012290204

1229N/PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws,
extra-short screws

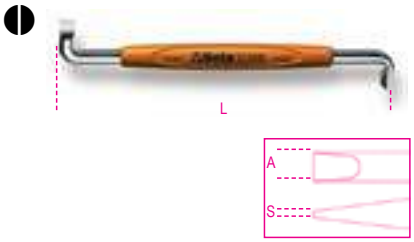
PZ	L mm	L1 mm		
1	30	87,5	5	012290021
2	30	87,5	5	012290022

1229LPH/A6

set of 6 micro-screwdrivers
items 1229LP-1229PH

1229LPH/A6		1	012290310
1229LP	1,4-2,0-2,4-3 mm		
1229PH	PH0-PH1		

1236B
offset screwdrivers
for slotted head screws



UNI 7079 DIN 5200

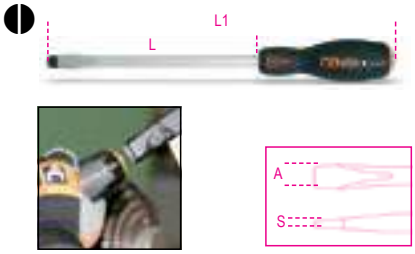
SxA mm	L mm		
0,8x4	100	5	012360201
1x5,5	125	5	012360202
1,2x8	150	5	012360204

1238B
offset screwdrivers
for cross head Phillips® screws

UNI 7083 DIN 5208

PH	L mm		
1-2	125	5	012380201
3-4	200	5	012380203

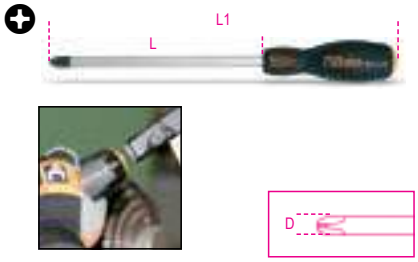
1241
screwdrivers with steel head for slotted head screws



ISO 2380

SxAxL mm	L1 mm		
1x5,5x100	202	5	012410039
1,2x6,5x125	240	5	012410050
1,2x8x150	268	3	012410057
1,6x10x175	300	2	012410065
1,6x10x200	325	2	012410066
2,0x12x200	325	2	012410067
2,5x14x250	375	2	012410076

1242
screwdrivers with steel head for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x100	202	5	012420209
2x6x100	215	5	012420218
3x8x150	268	3	012420221
4x11x200	325	2	012420224

1243LP/D6
set of 6 screwdrivers with steel heads, for slotted head screws

1243LP/D6		1	012430016
1241	1x5,5x100-1,2x6,5x125 3x8x150-1,6x10x175 2,0x12x200-2,5x14x250 mm		

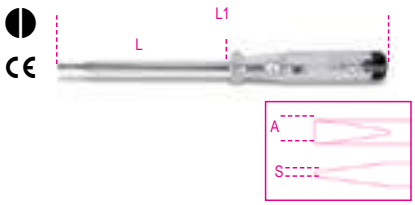
1243/D7
Set of 7 screwdrivers with steel heads

1243/D7		1	012430017
1241	1x5,5x100-1,2x6,5x125 1,2x8x150-1,6x10x200 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150 mm		

1243/S11
set of 6 screwdrivers with steel heads

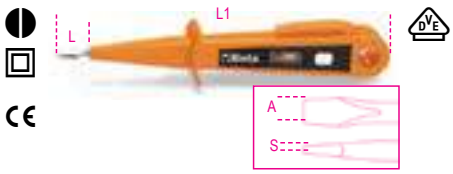
1243/S11		1	012430021
1241	1x5,5x100-1,2x6,5x125 3x8x150-1,6x10x175 1,6x10x200-2,0x12x200 2,5x14x250 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150-PH4x11x200 mm		

1253
mains testing screwdriver 150/250V



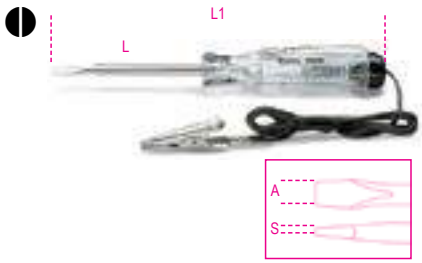
SxAxL mm	L1 mm		
0,5x3,5x100	190	5	012530001

1253A
mains testing screwdriver 125/250V, double insulation



SxAxL mm	L1 mm		
0,5x3x15	150	5	012530010

1254
circuit testing screwdriver 6-24V



SxAxL mm	L1 mm		
0,5x3x44	123	5	012540001

1256/C36-2

microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension

1256/C36-2		1	012560100

1256TX	T3 - T4 -T5 - T6 - T7 T8 - T9 - T10 - T15
1256RTX	T6 - T7 - T8 - T9 - T10
1256LP	0,8 - 1,2 - 1,5 - 1,8 - 2 - 2,5 3 - 3,5 - 4 mm
1256PE	0,7 - 0,9 - 1,3 - 1,5 - 2 mm
1256PH	PH000 - PH00 - PH0 - PH1
1256PZ	PZ000 - PZ00 - PZ0 - PZ1
1256/20	
1256/30	

130x60x35 mm - 200 g

1257LP

micro-screwdrivers for slotted head screws

SxD mm	L mm		
0,25x1,2	60	5	012570012
0,23x1,5	60	5	012570015
0,3x1,8	60	5	012570018
0,4x2	60	5	012570020
0,4x2,5	60	5	012570024
0,5x3	60	5	012570030
0,6x3,5	60	5	012570035
0,8x4	60	5	012570040

1257LP/S8		1	012570200
0,25x1,2-0,23x1,5			
0,3x1,8-0,4x2-0,4x2,5			
0,5x3-0,6x3,5-0,8x4 mm			

1257PH

micro-screwdrivers for cross-head Phillips® screws

PH	L mm		
00	60	5	012570060
0	60	5	012570063
1	60	5	012570066

1257LPH/S8

1257LPH/S8		1	012570210
1257PH	PH00-PH0-PH1		
1257LP	0,4x2-0,4x2,5-0,5x3 0,6x3,5-0,8x4 mm		

1257ES

micro-screwdrivers hexagon male ends

mm	L mm		
0,9	60	5	012570045
1,3	60	5	012570046
1,5	60	5	012570047
2	60	5	012570048
2,5	60	5	012570049
3	60	5	012570050

1257ESB/S8

1257ESB/S8		1	012570230
1257ES	0,9-1,3-1,5-2-2,5-3 mm		
1257BE	4-5 mm		

1257TX

micro-screwdrivers for Torx® head screws

	L mm		
T5	60	5	012570075
T6	60	5	012570076
T7	60	5	012570077
T8	60	5	012570078
T9	60	5	012570079
T10	60	5	012570080
T15	60	5	012570081
T20	60	5	012570082

1257TX/S8		1	012570220
T5-T6-T7-T8			
T9-T10-T15-T20			

1281BG
interchangeable blade screwdriver handle

L mm	● mm		
118	10	5	012810280

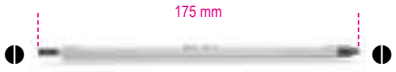
1281PM
quick-fit magnetic bit holder

L mm		
165	5	012810292

1281PB
socket holder with 1/4" male drive

L mm		
175	5	012810293

1281LP
reversible screwdrivers
for slotted head screws



1281LP/1 0,8x4-1,2x6,5 mm	5	012810302
1281LP/2 1x5,5-1,2x6,5 mm	5	012810304

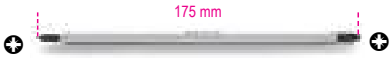
1281PH
reversible screwdrivers
for cross head Phillips® screws

PH		
1-2	5	012810310
2-3	5	012810312

1281LPH
reversible screwdrivers
for slotted and Phillips® head screws

1281LPH/1 PH0-0,8X4 mm	5	012810321
1281LPH/2 PH1-1x5,5 mm	5	012810322
1281LPH/3 PH2-1,2x6,5 mm	5	012810323

1281PZ
reversible screwdrivers
for cross head Pozidriv®-Supadriv® screws



PZ		
1-2	5	012810330
2-3	5	012810332

1281PE
reversible ball head hexagon
screwdriver blades

mm		
2,5	5	012810342
3	5	012810343
4	5	012810344
5	5	012810345
6	5	012810346

1281TX
reversible screwdrivers for Torx® head screws

1281TX/1 T6-T8	5	012810349
1281TX/2 T7-T9	5	012810350
1281TX/3 T10-T15	5	012810351
1281TX/4 T20-T25	5	012810352
1281TX/5 T30-T40	5	012810353

1281RTX
reversible screwdrivers
for Tamper Resistant Torx® head screws

1281RTX/3 T10-T15	5	012810361
1281RTX/4 T20-T25	5	012810362
1281RTX/5 T30-T40	5	012810363

1281BG/A9
assortment of 9 reversible screwdrivers
and 1 accessory in case

1281BG/A9	1	012810520

- 1281BG
- 1281LPH/1 PH0-0,8x4 mm
- 1281LPH/2 PH1-1x5,5 mm
- 1281LPH/3 PH2-1,2x6,5 mm
- 1281PZ/1 PZ1-PZ2
- 1281PE 2,5 mm
- 1281PE 3 mm
- 1281PE 4 mm
- 1281PE 5 mm
- 1281PE 6 mm

1281BG-TX/A8
assortment of 8 reversible screwdrivers
and 1 accessory in case

1281BG-TX/A8	1	012810530

- 1281BG
- 1281LPH/1 PH0-0,8x4 mm
- 1281LPH/2 PH1-1x5,5 mm
- 1281LPH/3 PH2-1,2x6,5 mm
- 1281TX/1 T6-T8
- 1281TX/2 T7-T9
- 1281TX/3 T10-T15
- 1281TX/4 T20-T25
- 1281TX/5 T30-T40

1281BG/B28NA

assortment of 16 reversible screwdrivers, 9 1/4" sockets, 2 accessories and 1 handle, in durable polyester wallet

14"

1281BG/B28NA		1	012810511

900		4 - 4,5 - 5 - 5,5 6 - 7 - 8 - 9 - 10 mm
1281BG		
1281PB	■	1/4
900/25		
1281LP/1		0,8x4 - 1,2x6,5 mm
1281LP/2		1,0x5,5 - 1,2x6,5 mm
1281PH/1		PH1 - PH2
1281PH/2		PH2 - PH3
1281PZ/1		PZ1 - PZ2
1281PZ/2		PZ2 - PZ3
1281PE		2,5 - 3 - 4 - 5 - 6 mm
1281TX/1		T6 - T8
1281TX/2		T7 - T9
1281RTX/3		T10 - T15
1281RTX/4		T20 - T25
1281RTX/5		T30 - T40

2002/BV7-ZIP	1	020020060

1295

impact screwdriver

12"

L mm		
130	1	012950001

1295/C14

impact screwdriver
with 14 insets and 1 socket holder

1295/C14	1	012950108

866LP		1,2x6,5 - 1,6x10 mm
866PH		PH2 - PH3
866PZ		PZ2 - PZ3
866PE		5 - 6 mm
866TX		T27 - T30 - T40 - T45 - T50 - T55
895/6	□	1/2 - ⬭ 5/16
1295	■	1/2

170x100x35 mm - 1,3 kg

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

	Items	
	from	to
Wheels		
	720MRC	729T
	962	989B
	1530/C5	1531/C7
Engine		
	955	960VTC
	1440	1462/KEP
	1472	1485TC
	1737	1758S
Body work		
	1303	1369/C11
	1478	1479U/32
	1505V	1539
Transmission		
	1438	1438DSG
	1566N	1569/F
	1884	1884N/C8
Diagnostics		
	1464T/N	1465
	960PMC	961N
	1758VT	1760/IR1600
Brakes		
	1466/C5	1471T/C5
Oil and filters		
	1488/1	1496/C
	1877	1889N
Electric system		
	1489/33	1489/Y
	1497P	1497/C94
Starters		
	1498BC/12	1498/DG1100E
Suspension		
	1550U	1567
Garage equipment		
	1875LT	1879R/K4
	1893/134A	3004
Lifting tools		
	3006	3026/SAM
Hydraulic bench press		
	3027N 10	3028/KP
Jacks		
	3029/2T	3069

1303

curved dolly

g		
1350	1	013030001

1305

toe dolly

g		
1190	1	013050001

1306

heel dolly

g		
1040	1	013060001

1310

general purpose dolly

g		
1225	1	013100001

1314

double end dolly, convex, flat head

g		
760	1	013140001

1326
curved angle spoon

g		
560	1	013260001

1327
heavy-duty spoon

g		
1075	1	013270001

1328
pry and bumping spoon

g		
935	1	013280001

1329
double-ended spoon

g		
1800	1	013290001

1330
long double-ended spoon

g		
2125	1	013300001

1331
bending iron with leather face

g		
1100	1	013310001

1335BM
bumping blade
with plastic handle

g		
500	2	013350010

1337/S5
set of 5 stopping knives for car repairers, made of stainless steel

Japanese type
(25-50-75-100-125 mm)

L mm		
25-50-75-100-125	1	013370015

1338A - 1338B
adjustable body blade holder
with flexible flat blades

	″/1	L mm		
1338A	9	360	2	013380001
1338B	12	360	2	013380002

1338
body blade holder for item 1338R

1338	2	013380003

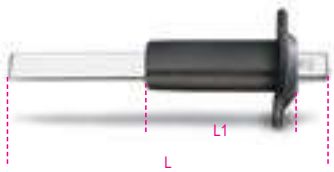
1338R9 - 1338R12
spare body blades for item 1338A-B

	″/1		
1338R9	9	2	013380004
1338R12	12	2	013380005

1342
extra flat chisel with straight cutter

L mm		
235	5	013420001

1342PM
extra flat chisel with straight cutter
with hand guard



L mm	L1 mm		
235	118	2	013420002

1342PMR
spare hand guard for item 1342

1342PMR	1	013420003

1343
flat chisel with side cutter

L mm		
200	5	013430001

1344A/VW
fixing hook removal tool
for Volkswagen handles

L mm		
260	1	013440100

1345
hammer with round,
convex face and pein, wooden shaft

1345	2	013450010

1351
hammer with round,
flat face and ball pein, wooden shaft

1351	2	013510010

1353
hammer with round,
flat face and point pein, wooden shaft

1353	2	013530010

1357Z/45
hammers with flat, round,
milled face and square,
smooth face, wooden shafts

1357Z/45	2	013570045

1359T
hammer with round,
flat face and horizontal pein,
wooden shaft

1359 T	2	013590010

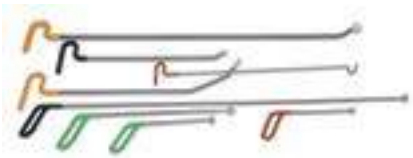
1360/KP3
hammers with ball heads and point peins/
punches, made of plastic

Kit contents:
- 1 210 g hammer with head Ø 30 mm
- 1 290 g hammer with head Ø 40 mm
- 1 75 g punch with 5 mm pein

1360/KP3	1	013600503

1361/K9
kit of 8 levers for bodywork dent pullers

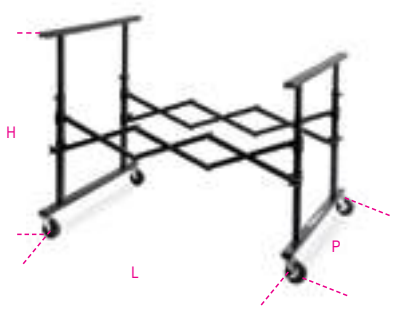
kit contents:
- round ball head rod, Ø 31 mm, length 110 cm
- tip rod, length 62 cm
- whale tail tip rod, length 112 cm
- hook tip rod, length 27 cm
- flat round head rod, length 50 cm
- round ball head rod, Ø 19 mm, length 52 cm
- whale tail head rod, length 27 cm
- round whale tail head rod, length 28 cm
- fabric bag with handles



1361/K9	1	013610030

1364SE
extension bodywork support

Specifications:
- 4 swivel castors, 2 with brakes
- pantograph can be extended up to 1400 mm
- vertically adjustable up to 1315 mm
- position locking
- contact surface covered with removable rubber



L mm	H mm	P mm		
215÷1400	780÷1315	890	1	013640001

1364SV
bodywork support
with central tray

Specifications:
- contact surface covered in polyethylene
- tray dimensions: 340x845x40 mm
- foldable

H mm		
1000	1	013640002

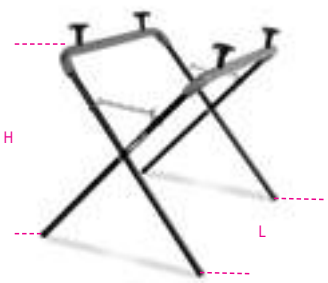
1364SCP
revolving bodywork support

particularly suitable for bonnets, wings and doors
fitted with 4 castors - 2 steering with brakes
can be rotated up to 180°

H mm	L mm	P mm		
1300	1100	680	1	013640003

1364SP
bodywork support with suction cups

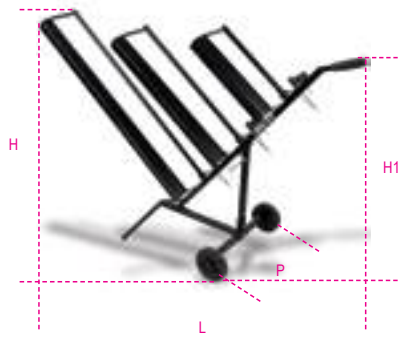
particularly suitable for use with windows
fitted with 4 suction cups, Ø 95 mm
extension can be adjusted by means of a chain
polyethylene coated tube



H mm	L mm		
1250	950	1	013640004

1364SR
wheeled dispenser for masking paper rolls

Specifications:
- with 2 handling wheels
- 3 paper roll bars with built-in paper cutting blade
- built-in paper tape support
- max. paper roll dimensions: 350 - 650 -1050 mm



L mm	P mm	H mm	H1 mm		
1530	520	1080	960	1	013640005

1365/K13
oil pressure pump, 10 t, and bodywork accessories kit in trolley

Kit contents:
- oil pressure pump, 10 t, with 1.5-m-long hose, 1/2" coupling
- piston
- wing opening pliers; capacity: 500 kg
- baseplate, 150x90 mm
- L-shaped base, 50x50 mm
- 4-point punch
- round, knurled punch, Ø 50 mm
- wedge-shaped punch, 43 mm
- 170-mm-long extension
- 300-mm-long extension
- 400-mm-long extension
- 530-mm-long extension
- rubber head
- male-to-male coupling for installing accessories

1365/K13	1	013650013

900x420x180 mm

1365P10
oil pressure pump

1.5-m-long hose, 1/2" coupling

1365P10	1	013650110

1366A
dent puller with kit of 19 plastic glue tabs

ideal for removing:
- hail dents
- dents caused by doors
- small dents in general

1366A	1	013660200

1366B
hammer face for plastic dent pulling glue tabs

hammer face weight: 500 g

L mm		
440	1	013660250

1366KF
kit of 19 plastic glue tabs for item 1366A

1851VK-12V - 018510072 290

1366/KF	1	013660205

1366/K5
pneumatic dent puller, with 1.1 kg hammer face

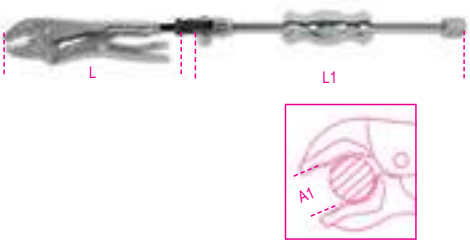
Kit contents:
- 1 suction cup Ø 75 mm
- 1 suction cup Ø 100 mm
- 1 suction cup Ø 125 mm
- 1 hook

1366/K5	1	013660010

610x240x90 mm

1068
adjustable self-locking pliers with hammer face

hammer face weight: 1 kg



L mm	L1 mm	A1 Max mm		
260	365	19	1	010680000

1366SH
multifunction bodywork spotter

- microprocessor for managing welding parameters
- contact and manual welding cycle start
- automatic spot welding time setting function
- supplied with quick coupling gun and 2.2-m-long ground cable

Accessory kit contents:
- extractor hammer
- three-pointed washer head
- 10 three-pointed washers
- carbon electrode
- squashing electrode

Technical data:
- Power supply: 230V
- 50% power: 2.5 KVA
- Power peak: 13 KVA
- Amp output: 2850 (2%) A
- Max. Amp output : 3200 A

1366SH	1	013660400

1366SH/C
trolley for spotter 1366SH

1366SH/C	1	013660410

1366SL
pulling lever
for repairing dents on metal surfaces

articulated multihook head
for use with crimped wire

L mm		
700	1	013660002

1366S/R1
3-pointed washer mandrel

1366S/R1	1	013660501

1366S/R2
3-pointed washer
for pulling sheets

1366S/R2	1	013660502

1366S/R3
electrode for washers
Ø 8x16x1.5 mm

1366S/R3	1	013660503

1366S/R4
washer hook, Ø 8x16x1.5 mm

1366S/R4	1	013660504

1366S/R5
washers Ø 8x16x1.5mm

1366S/R5	1	013660505

1366S/R6
electrode for M5-M6 screws

1366S/R6	1	013660506

1366S/R7
100 self-threading pins, 5x18 mm

1366S/R7	1	013660507

1366S/R8
100 self-threading pins, 5x25 mm

1366S/R8	1	013660508

1366S/R9
100 threaded pins, M5 x 18 mm

1366S/R9	1	013660509

1366S/R10
10 slotted washers

1366S/R10	1	013660510

1366S/R11
electrode for slotted washers

1366S/R11	1	013660511

1366S/R12
10 90° slotted washers

1366S/R12	1	013660512

1366S/R13
sheet flattening electrode

1366S/R13	1	013660513

1366S/R14
wire spot welding electrode

1366S/R14	1	013660514

1366S/R21
crimped wires for use of
pulling lever and crossbar

1366S/R21	1	013660551

1366S/R22
magnetic support
for crimped wire

1366S/R22	1	013660552

1366S/R24
pull ring M4

1366S/R24	1	013660554

1366S/R25
pull ring M5

1366S/R25	1	013660555

1366S/R26
pull ring M6

1366S/R26	1	013660556

1367/K4
kit of 4 wheel arch clamps, arc-type

Maximum jaw opening: 6.5 mm

	L mm	H mm	S mm		
1367/K4	62	40÷58	15,7	1	013670010

1367/K10
kit of punches for installing parking sensors

Kit contents:
- **sizes: 17 - 18 - 18.2 - 19 - 20 - 22.5 - 24 - 26 - 26.7 - 32 mm**

1367/K10	1	013670200

190x130x58 mm

1368N
plastic repair kit

Allows cracked and broken parts to be quickly fixed

Specifications:
- **power: 30 W**
- **battery: 3.7 V 4000 mAh Li-ion**
- **USB type C power supply connector**
- **maximum temperature: 600 °C**
- **battery charger: input 230 V, output USB 5V - 2A**
- **charging time: 3h at 2A**
- **total overcurrent and overtemperature protection**

CE

1368N	1	013680002

1368G/K400
assortment of 400 clips for item 1368

1368G/K400	1	013680140

1368G/OD
corrugated clips, straight, for item 1368

	Ø mm		
1368G/OD	0,8	1	013680100
1368G/OD 0,6	0,6	1	013680200

1368G/SD
spiral clips, straight, for item 1368

	Ø mm		
1368G/SD	0,8	1	013680110
1368G/SD 0,6	0,6	1	013680210

1368G/CV
convex angle clips for item 1368

1368G/CV	1	013680120

1368G/C2U
concave angle clips for item 1368

1368G/C2U	1	013680130

HAMMER HANDLES

Handles made from **hickory** wood
Hickory is a type of wood with excellent properties, which suit hammer handles perfectly. Its long fibre structure absorbs vibration and makes it extremely resistant to breakage. In the unlikely event that some fibres should break, the risk that the head will suddenly come off is very small anyway.
Wood handles can be replaced when worn.

As wood is a natural material, it should retain its own moisture. Therefore, the hammer should not be stored in an excessively dry place.

Handles made from **fibreglass**
Handles with fibreglass core are both durable and safe; the risk of breakage and injuries is reduced to a minimum. They are weathertight and resistant to the most common chemicals.

- **Indestructible fibreglass core**
- **Ergonomic polypropylene frame**
- **Nonslip, comfortable elastomer coating**

1370

engineer's hammers, wooden shaft

UNI 7778 DIN 1041

g	A mm	L mm	L1 mm		
100	15	260	82	5	013700051
200	19	280	95	5	013700052
300	23	300	105	5	013700053
400	25	310	112	5	013700054
500	27	320	118	5	013700055
600	30	330	122	5	013700056
800	33	350	130	4	013700058
1000	36	360	135	4	013700060
1500	42	380	145	2	013700065
2000	47	400	155	1	013700070

1370/MR...

spare shafts for item 1370

1370MR 100 1370/100	4	013700081
1370MR 200 1370/200	4	013700082
1370MR 300 1370/300	4	013700083
1370MR 400 1370/400	4	013700084
1370MR 500 1370/500	4	013700085
1370MR 600 1370/600	4	013700086
1370MR 800 1370/800	4	013700088
1370MR 1000 1370/1000	4	013700090
1370MR 1500 1370/1500	4	013700095
1370MR 2000 1370/2000	4	013700100

1370T

mechanic's hammers
fibre shaft

g	A mm	L mm	L1 mm		
200	19	280	95	5	013700620
300	23	300	105	5	013700630
500	27	320	118	5	013700650
800	33	350	130	4	013700680
1000	36	360	135	4	013700700
1500	42	365	145	2	013700750

1370F

riveting hammers, wooden shaft

NF E 71.014

A mm	L mm	L1 mm			
24	260	77	280	2	013700424
26	260	80	310	2	013700426
28	280	86	400	2	013700428
30	280	92	450	2	013700430
32	300	100	550	2	013700432
36	300	104	720	2	013700436
40	330	110	1065	2	013700440
42	330	116	1080	2	013700442
50	380	138	1760	2	013700450
60	380	160	2585	2	013700460

1370F/MR...

spare shafts for item 1370F

1370F/MR 24 1370F/24-26	2	013700474
1370F/MR 28 1370F/28-30	2	013700478
1370F/MR 32 1370F/32-36	2	013700482
1370F/MR 40 1370F/40-42	2	013700490
1370F/MR 50 1370F/50	2	013700495
1370F/MR 60 1370F/60	2	013700496

1370FT

riveting hammers, fibre shafts

A mm	L mm	L1 mm			
28	280	86	530	1	013700528
30	280	92	625	1	013700530
32	300	100	750	1	013700532
36	300	104	930	1	013700536
40	330	110	1150	1	013700540
42	330	116	1250	1	013700542
50	380	138	2100	1	013700550
60	380	160	2750	1	013700560

1374F
carpenter's hammers, wooden shaft

NF E 71.012

A mm	L mm	L1 mm		
16	250	80	180	2 013740416
20	270	86	250	2 013740420
22	290	92	335	2 013740422
26	290	103	425	2 013740426
28	310	108	510	2 013740428
30	310	117	580	2 013740430

1374F/MR...
spare shafts for item 1374F

1374F/MR 16 1374F/16	2 013740456
1374F/MR 20 1374F/20	2 013740460
1374F/MR 22 1374F/22-26	2 013740462
1374F/MR 28 1374F/28	2 013740468
1374F/MR 30 1374F/30	2 013740470

1375
claw hammer, wooden shaft

g	L1 mm	Ø mm	L mm	
300	95	25	300	3 013750000

1375/MR
spare shafts for item 1375

1375/MR	2 013750003

1375A
claw hammers,
plastic and fibreglass handles

oz	g	L mm	L1 mm	
16	450	330	130	3 013750016
20	570	330	130	3 013750020

1375B
claw hammers, steel shafts

oz	g	L mm	L1 mm	
16	450	330	130	3 013750026
20	570	330	130	3 013750030

1376X
claw hammers with square peins,
magnets and nail holders
wooden shaft

g	A mm	L1 mm	L mm	
250	20	125	450	3 013760125
300	25	130	450	3 013760130
400	27	132	450	3 013760140

1376X/MR
spare shaft for item 1376X

1376X/MR	2 013760161

1376XT
claw hammers with square peins,
magnets and nail holders
plastic shaft

g	A mm	L1 mm	L mm	
250	20	125	500	3 013760525
300	25	130	500	3 013760530
400	27	132	500	3 013760540

1376XT/MR
spare shaft for item 1376XT

1376MR/XT	2 013760585

1377
ball pein hammers, round heads,
for coppersmiths and tinsmiths,
wooden shafts

g	L mm	L1 mm	
340	330	95	2 013770134
450	350	102	2 013770145
570	350	110	2 013770157
680	360	116	2 013770168
900	380	120	2 013770190

1377/MR...
spare shafts for item 1377

1377MR 340 1377/340	2 013770234
1377MR 450 1377/450	2 013770245
1377MR 570 1377/570	2 013770257
1377MR 680 1377/680	2 013770268
1377MR 900 1377/900	2 013770290

1377T
ball pein hammers,
round hands,
for coppersmiths and tinsmiths,
fibre shafts

g	L mm	L1 mm	
340	330	95	2 013770534
450	350	102	2 013770545
570	350	110	2 013770557
680	360	116	2 013770568
900	380	120	2 013770590

1378
joiner's hammers, round heads
and peins, wooden shaft

g	L mm	L1 mm	Ø mm	
340	330	100	27	2 013780134
570	350	115	32	2 013780157

1378/MR...
spare shafts for item 1378

1378MR 340 1378/340	2 013780234
1378MR 570 1378/570	2 013780257

1379F
electrician's hammers, wooden shafts

HICKORY

NF E 71.011

A mm	L mm	L1 mm	
16	250	126	2 013790416
18	250	135	2 013790418
20	260	142	2 013790420

1379F/MR...
spare shafts for item 1379F

1379F/MR 16 1379F/16-18	2 013790426
1379F/MR 20 1379F/20	2 013790430

1380
lump hammers, wooden shafts

HICKORY

UNI 7777 DIN 6475

g	A mm	L mm	L1 mm	
800	38	260	90	2 013800208
1000	40	260	95	2 013800210
1250	43	260	100	2 013800212
1500	45	280	110	2 013800215
2000	50	300	120	2 013800220

1380/MR...
spare shafts for item 1380

1380MR 800 1380/800-1000-1250	2 013800238
1380MR 1500 1380/1500	2 013800245
1380MR 2000 1380/2000	2 013800250

1380S
mason club hammers with security collars wooden shafts

g	A mm	L mm	L1 mm	
800	36	260	90	2 013800400
1000	39	260	95	2 013800405
1250	43	260	100	2 013800410
1500	45	260	110	2 013800415

1380S/MR...
spare shafts for item 1380S

1380S/MR 800 1380S/800-1000-1250	2 013800417
1380S/MR 1500 1380S/1500	2 013800419

1380T
Mason club hammers, fibre shafts

g	A mm	L mm	L1 mm	
800	35	260	85	2 013800308
1000	40	260	100	2 013800310
1250	42	260	110	2 013800312
1500	45	260	120	2 013800315
2000	49	295	120	1 013800320

1381
sledge hammers, Hickory shafts

HICKORY

g	A mm	L mm	L1 mm	
3000	55	800	142	1 013810030
4000	60	900	152	1 013810040
5000	70	900	162	1 013810050
8000	80	900	185	1 013810080

*** = ash shaft**

1381/MR...
spare shafts for item 1381

1381MR 3-4 1381/3000-4000	2 013810730
1381MR 5 1381/5000	2 013810750
1381MR 8 1381/8000	2 013810780

1381T
sledge hammers, fibre shafts

g	A mm	L mm	L1 mm	
3000	55	900	142	1 013810330
4000	60	900	152	1 013810340
5000	70	900	162	1 013810350
8000	82	920	180	1 013810380

1385
copper head hammers, wooden shafts

g	A mm	L mm	L1 mm	
400	26	260	75	2 013850404
600	32	270	80	2 013850406
800	34	280	90	2 013850408
1000	37	280	100	2 013850410
1500	43	280	110	2 013850415
2000	48	300	120	1 013850420

1385/MR
spare shafts for item 1385

1385MR 400 1385 400	2	013850464
1385MR 600 1385 600	2	013850466
1385MR 800 1385 800	2	013850468
1385MR 1000 1385 1000	2	013850470
1385MR 1500 1385 1500	1	013850475
1385MR 2000 1385 2000	1	013850480

1390
soft face hammers, wooden shafts

UNI 7784

Ø mm	L mm	L1 mm		
22	260	70	5	013900022
28	280	85	5	013900028
35	310	95	5	013900035
45	320	107	4	013900045
60	380	128	2	013900060

1390/MR...
spare shafts for item 1390

1390MR 22 1390/22	2	013900222
1390MR 28 1390/28	2	013900228
1390MR 35 1390/35	2	013900235
1390MR 45 1390/45	2	013900245
1390MR 60 1390/60	2	013900260

1390R
spare faces for item 1390

Ø mm		
22	4	013900122
28	4	013900128
35	4	013900135
45	4	013900145
60	4	013900160

1390N
nylon face hammers, wooden shafts

Medium-hard faces: 75 Shore
Oil and wear resistant
Particularly suitable for working metal

UNI 7784

Ø mm	L mm	L1 mm		
22	260	70	3	013900522
28	280	85	3	013900528
35	310	95	3	013900535
45	320	107	2	013900545
60	380	128	2	013900560

1390NR
spare nylon faces for item 1390N

Ø mm		
22	4	013900622
28	4	013900628
35	4	013900635
45	4	013900645
60	4	013900660

1391
dead-blow hammers,
entirely covered with rubber

Ø mm	L mm	L1 mm		
35	280	90	2	013910135
50	320	105	2	013910150
55	355	110	2	013910155
65	380	130	2	013910165

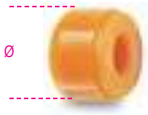
1391A
dead-blow hammers for tile workers,
entirely covered with rubber

g	Ø mm	L mm	L1 mm		
500	45	290	100	2	013910205
1000	60	300	120	2	013910210

1392
dead-blow hammers,
with interchangeable plastic faces, steel shafts

Ø mm	L mm	L1 mm		
30	300	105	2	013920030
35	305	115	2	013920035
40	310	125	2	013920040
50	325	135	2	013920050
60	385	155	2	013920060

1392R
spare faces for item 1392



Ø mm		
30	4	013920230
35	4	013920235
40	4	013920240
50	4	013920250
60	4	013920260

1393
hard rubber head hammers

Ø mm	L mm	L1 mm		
50	315	90	3	013930050
60	340	110	3	013930060
70	370	130	2	013930070

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

	Items	
	from	to
Wheels		
	720MRC	729T
	962	989B
	1530/C5	1531/C7
Engine		
	955	960VTC
	1440	1462/KEP
	1472	1485TC
	1737	1758S
Body work		
	1303	1369/C11
	1478	1479U/32
	1505V	1539
Transmission		
	1438	1438DSG
	1566N	1569/F
	1884	1884N/C8
Diagnostics		
	1464T/N	1465
	960PMC	961N
	1758VT	1760/IR1600
Brakes		
	1466/C5	1471T/C5
Oil and filters		
	1488/1	1496/C
	1877	1889N
Electric system		
	1489/33	1489/Y
	1497P	1497/C94
Starters		
	1498BC/12	1498/DG1100E
Suspension		
	1550U	1567
Garage equipment		
	1875LT	1879R/K4
	1893/134A	3004
Lifting tools		
	3006	3026/SAM
Hydraulic bench press		
	3027N 10	3028/KP
Jacks		
	3029/2T	3069

1410/M

spring pulling hook wrench

Ø mm		
3,5	2	014100051

1428

pullers for damaged nuts with square drive

3/8" 12"

⛁ mm	□	L mm	⬡ mm		
8	3/8	36	17	2	014280008
10	3/8	36	17	2	014280010
11	3/8	36	17	2	014280011
12	3/8	36	19	2	014280012
13	3/8	36	19	2	014280013
14	3/8	36	19	2	014280014
15	1/2	38	21	2	014280015
16	1/2	38	21	2	014280016
17	1/2	38	21	2	014280017
18	1/2	38	26	2	014280018
19	1/2	38	26	2	014280019
20	1/2	38	26	2	014280020
21	1/2	38	26	2	014280021
22	1/2	38	26	2	014280022
24	1/2	38	26	2	014280024
27	1/2	38	26	2	014280027

3/8" 12"

1428/SB11 8-10-11-12-13-14 15-16-17-18-19 mm	1	014280111
1428/SB5 20-21-22-24-27 mm	1	014280115

1429

pullers for damaged screws and stud bolts with square drive

3/8" 12"

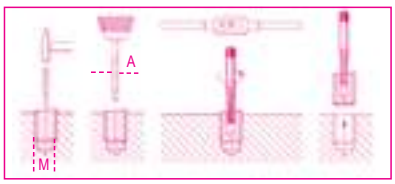
mm	□	L mm		
2	3/8	60	3	014290002
3	3/8	60	3	014290003
4	3/8	60	3	014290004
5	3/8	60	2	014290005
6	3/8	60	2	014290006
8	1/2	70	2	014290008
10	1/2	70	2	014290010

3/8" 12"

1429/SB7 2-3-4-5-6-8-10 mm	1	014290107

1430/...

tapered extractors for broken screws and studs made from hardened and tempered steel



	M	A mm	□ mm		
1430/1	3÷6	2,5	3,0	10	014300006
1430/2	6÷8	3,0	4,0	10	014300008
1430/3	8÷11	4,5	5,0	10	014300011
1430/4	11÷14	6,0	6,3	10	014300014
1430/5	14÷18	8,0	8,8	10	014300018
1430/6	18÷24	11,0	11,7	5	014300024
1430/7	24÷33	14,0	14,8	5	014300033
1430/8	33÷50	21,0	20,0	5	014300050

1430/S5 M3÷M18 1430/1-1430/2-1430/3 1430/4-1430/5	1	014300105
1430/S6 M3÷M24 1430/1-1430/2-1430/3 1430/4-1430/5-1430/6	1	014300106
1430/S8 M3÷M50 1430/1-1430/2-1430/3 1430/4-1430/5-1430/6 1430/7-1430/8	1	014300108

1431/C5

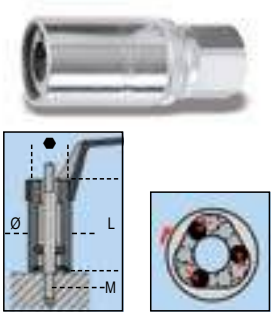
tapered extractors for broken screws and studs

Percussion mechanism

	M mm	A mm		
1431/C5	3÷18	2,5÷9	1	014310005

1433
roller stud extractors

3/8"
1/2"



M mm	Ø mm	L mm	⬢ mm	□		
5	21	60	19	3/8	2	014330005
6	24	60	21	1/2	2	014330006
7	24	60	21	1/2	2	014330007
8	24	60	21	1/2	2	014330008
9	28	70	21	1/2	2	014330009
10	28	70	21	1/2	2	014330010
10,5	28	70	21	1/2	2	014330021
11	28	70	21	1/2	2	014330011
12	28	70	21	1/2	2	014330012
14	36	72	24	-	2	014330014
16	36	72	24	-	2	014330016

1433/C11
roller stud extractors
with 1/2" female square drives

3/8"
1/2"

1433/C11 — 1 014330311
M5 - M6 - M7 - M8 - M9 - M10 - M10,5
M11 - M12 - M14 - M16
340x135x56 mm - 3,0 kg

1435
eccentric stud extractor

Ø mm		
4÷20	1	014350001

1435/1
eccentric stud extractor

Ø mm		
19÷26	1	014350002

1438
universal clutch aligner complete
with 3 expansion mandrels

1438 — 1 014380001

1438R
spare expansion mandrels
for item 1438

Ø mm		
14÷18	5	014380101
18÷21	5	014380102

1438EVO
universal clutch aligning kit

Component parts made entirely from metal

1438EVO — 1 014380011
290x200x60 mm - 2 kg

1438DSG
lever for locking/unlocking DSG dual-clutch
gearbox
from VAG group

1438DSG — 1 014380200

1439/K7
angular screwdriver (90°), long series,
with blades, in case

Case contents:
- Angular screwdriver
- 1 slotted screw head
- 1 1/4" bit head
- Special blade head
- 7 special blades

1439K7 — 1 014390101
500x120x60 mm 825 g

1440/...
piston ring compressors

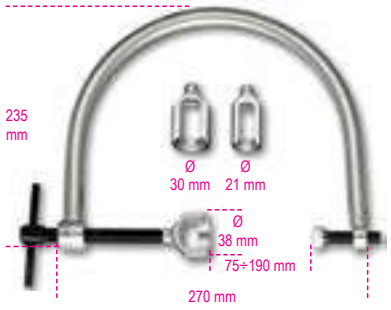
	Ø mm	L mm		
1440/0	40÷75	50	1	014400000
1440/1	57÷125	80	1	014400010
1440/2	90÷175	80	1	014400020
1440/2A	90÷175	100	1	014400021
1440/3	90÷175	165	1	014400030

1445/1
piston ring expanders

Ø mm		
1445/1 50÷100	1	014450001

1452K

valve spring compressor,
with three flanges



1452K	1	014520100

1454P

scraper for removing
packing and sealant residues

particularly recommended for cleaning heads and flat surfaces to match

L mm	L1 mm	mm		
210	32	3,3	1	014540010

1455SVP

pneumatic valve grinder

- **Pressure: 6 bars**

1455SVP	1	014550001

1455SVP/R...

spare parts for item 1455SVP

1455SVP/R1	5	014550501
1455SVP/R2	5	014550502
1455SVP/R3	5	014550503

1457/B4

tool set for releasing
Rilsan hose fittings

Sizes included in set:
- **6x8**
- **10x12**
- **15x16**
- **18x1/2**

1457/B4	1	014570024

1458

external butt-ended circlip pliers

DIN 5417

Ø mm		
30÷100	2	014580001

1460F

valve seat removing tool

1460F	1	014600010

1462CF/C6

set of 6 single-ended bi-hex wrenches
for fuel injector connectors

sizes:
12-14-16-17-18-19 mm

1462CF/C6	1	014620006

260x145x60 mm - 1,2 kg

1462CF

single-ended bi-hex wrenches
for fuel injector connectors

mm		
12	1	014620012
14	1	014620014
16	1	014620016
17	1	014620017
19	1	014620019
18	1	014620018

1462/KEP

pneumatic diesel injector puller

Supplied connectors can be relied on to easily connect pneumatic jack to threaded seat of injector.
Remote operation control allows for totally safe operation; whereas jack will deliver a powerful blowing force (up to 1200 bpm).

Features:
- **Remote operation control**
- **Convenient positioning handle**
- **Threaded connection M18X1.5**
- **Slide hammer travel: 35 mm**
- **Slide hammer speed: 1200 bpm**

Connectors included in kit:
- **M14X1.5 for Delphi**
- **M17X1.0 for Bosch**
- **M20X1.0 for Denso**
- **M25X1.0 for Siemens**
- **M27X1.0 for Siemens**

1462/KEP	1	014620250

385x300x110 mm - 4,8 kg

1462/KI

assortment of common rail diesel injector pullers

Allows DELPHI-BOSCH-SIEMENS-DENSO injectors to be removed

1462/KI	1	014620235

530x470x140 mm - 2,0 kg

1462/MB

hammer face kit
for removing injectors

Kit contents:
- 1 4 kg hammer face with 400 mm rod
- 1 articulated adapter, male M10x1.5, female M22x1.5 mm
- 1 adapter, male M22x1.5, female M13x1.4 mm
- 1 adapter, male M14x1.5, female M27X1 mm
- 1 adapter, male M14x1.5, male M25x1 mm
- 1 adapter, male M14x1.5, male M27x1 mm
- 1 adapter, male M14x1.5, female M14x1.5 mm
- 1 adapter, male M14x1.5, male M20x1 mm
- 1 adapter, male M14x1.5, male M17x1 mm

1462/MB 1 014620110

500x250x80 mm - 7,2 kg

1462/EI

universal vibration tool for injector removal

- Helps to fully remove jammed injectors from their housings, without damaging cylinder heads and without breaking injectors.
- Can be used with any injector removal set, with or without hammer face.
- Tool acts directly on removal tie rod, which is coupled with injector, through vibrations and pulses.
- Control valve allows vibration intensity to be adjusted to type of work to be carried out.

CE

1462/EI 1 014620240

1464T/N

digital pressure and compression tester

- **large digital display, backlit**
- **rechargeable polymer lithium battery**
- **complete with 80 bar sensor (for low pressure)**
- **connection via cable free sensor**
- **measurement and software update download via Wi-Fi**
- **shockproof case**
- **for use in combination with kits 1464 for testing engine pressure and compression**

CE

Technical data:
- Display: 8"
- Resolution: 800x840 px
- Processor: Dual core 240 MHz
- Internal memory: 32 Mb
- Software: 32-bits

	L mm	H mm	P mm		
1464T/N	460	120	360	1	014640090

1464T/SP80

pressure sensor, 80 bars,
for items 1464T, 960TP and 1464T/N

1464T/SP80 1 014640053

1464CBD/N

comprehensive adapter set for testing compression in petrol and diesel engines, with testers 1464T and 1464T/N

Makes it possible to connect to engine to test petrol and diesel compression with testers 1464T and 1464T/N
Contents:
- 7 dummy spark plugs with non-return valves
- 44 dummy glow plugs
- 1 adjustable universal dummy injector for cars, trucks, marine engines and agricultural machines
- 1 90° adapter, pressure release valve and connecting pipe
- space accommodating instrument in case

1464CBD/N 1 014640301

510x410x140 mm - 5,5 kg

1464APD

set for testing high pressure system in common rail diesel engines
(can be used with items 1464T and 1464T/N)

Allows connection between high pressure pump and injector flute, to test common rail system pressure.
If no pressure is available, dummy regulators included in kit make it possible to determine whether problem lies in the pressure pump or in regulator.

Set contents:
- **high pressure hose set:**
- **fittings**
- **2,000 bar sensor**
- **assortment of dummy regulators**
- **assortment of injector fuel fitting plugs**

Supplied hose sizes:
- T12X12-M1.5
- T12x14-M1.5
- T12x16-M1.5
- T12-M1.5

Bosch, Delphi, Denso and Siemens pressure regulators

1464APD 1 014640100

510x415x130 mm - 4,7 kg

1464APB

set for testing high pressure system in FSI petrol engines,
for use with item 1464T and 1464T/N

comes with 200 bar sensor and connectors

1464APB 1 014640500

240x210x50 mm - 0,5 kg

1464BP

set of connectors for testing low pressure
(can be used with items 1464T and 1464T/N)

Quick connectors connected to tester 1464T/N make it possible to rapidly test fuel low pressure in diesel and petrol engines as well as AdBlue® and TDI pressure.

1464BP	1	014640200

510x415x130 mm - 2,6 kg

1464PO

set for testing oil pressure
(for use with 1464T and 1464T/N)

Used with digital tester and supplied connectors, it allows engine oil pressure to be tested.

Set contents:
- 10 engine oil pressure fittings
- 4 turbo oil pressure fittings
- 90° fitting
- rubber extension with quick coupling

1464PO	1	014640270

350x290x90 mm - 1,3 kg

1464FAP

set for testing diesel particulate filter (DPF) pressure
for item 1464T and 1464T/N

Supplied with:
- **500 mbar sensor**
- **8 mm adaptor with quick coupling and T fitting**
- **3-m-long RJ45 cable**

Technical data:
- Pressure test: 0÷500 mbar
- Resolution: 1 mbar

1464FAP	1	014640610

240x210x50 mm - 0,5 kg

1464PT

set for testing
turbo pressure,
for use with item 1464T

comes with sensor and connecting cable

1464PT	1	014640550

240x210x50 mm - 380 g

1464VD

vacuum testing set
for item 1464T and 1464T/N

For measuring and storing maximum vacuum value
Supplied with:
- **800 mbar sensor**
- **6 and 8 mm adaptors**
- **3-m-long RJ45 cable**

Technical data:
- Vacuum test: 0÷800 mbar
- Resolution: 1 mbar
- Maximum value storage

1464VD	1	014640570

240x210x50 mm

1465

engine efficiency tester

Allows endothermic engine compression to be tested within just a few seconds, without requiring connection to engine, taking power from vehicle battery, through a dedicated software

Step 1: calculating engine rpm
Step 2: testing battery voltage trend during each revolution
Step 3: displaying absorbed power and compression calculated through starter operation for each piston
Step 4: testing battery charge and efficiency

Technical data:
- Operating voltage: 12V DC (vehicle battery)
- Dimensions: 140x75x30 mm
- Clamp cable length: 1300 mm
- Weight: 215 g

1465	1	014650010

1466/C5
kit of 5 brake bleeding wrenches

kit contents:
- **5 wrenches sizes 7-8-9-10-11 mm**
- **1 drain hose with check valve**

1466/C5	1	014660100

260x170x50 mm - 600 g

1467
brake fluid extractor

Pressure: min 5 bar, max 11.5 bar

	l		
1467	1,5	1	014670001

1467/RK1
spare tube kit for item 1467

1467/RK1	1	014670501

1467LF/2
electric instrument for brake fluid replacement

with "pulsating effect" function

- Automatically stops when tank is empty, thereby preventing air from being let in
- Maximum tank volume: 20 l
- Operating pressure: 0.4÷3.5 bar
- Power supply: 230V

Supplied with:
- Brake oil recovery tank
- 1 standard cap E20

1467LF/2	1	014670099

1467LF/RC
vessel with recovery tube for item 1467

1467LF RC	1	014670125

1467T/C6
set of adapter plugs for brake fluid tanks, for use with BETA items 1467LF and 1467LF/2

Set contents:
- **1 plug for Toyota vehicles**
- **1 plug for Ford, Hyundai, Mazda, Mitsubishi, Nissan, Subaru vehicles**
- **1 plug for Honda vehicles**
- **1 plug for Mazda and Suzuki vehicles**
- **1 plug for Nissan vehicles**
- **1 brake bleeding adapter plug for European vehicles**

1467T/C6	1	014670080

350x240x85 mm - 1,8 kg

1470
drum brake spring pliers

	L mm		
1470/210	210	1	014700001
1470/330	330	1	014700002
1470/540	540	1	014700010

1470FT
drum brake shoe spring clamp pliers

40° angled noses
Easy access to awkward spaces

	L mm		
1470FT	184	1	014700000

1471
drum brake spring pliers

	L mm		
1471	330	1	014710001

1471GF
mouldable hooks for supporting brake calipers while replacing pads, pair

	Max kg		
1471GF	5	1	014710310

1471M/C22

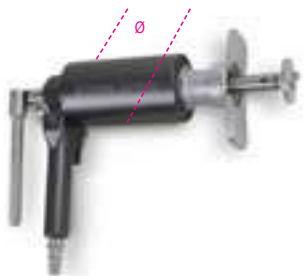
pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories

1471M/C22	1	014710101

350x310x85 mm - 3,5 kg

1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



Ø mm	Kg	Bar		
50	150	5÷8	1	014710069

1471C

tool for manually pushing back brake pistons, with ratchet

L	A min÷Max		
245	40÷65	1	014710330

1471CF

pentagon hand sockets for brake caliper nuts

mm		
14	1	014710314
19	1	014710319

1471CM

pentagon socket driver for brake caliper screws

mm		
10	1	014710360

1471CM/E11

hexagon socket driver, 11 mm, for Mercedes ML brake caliper screws (series 166)

mm	Ø mm	L mm	L1 mm		
11	24	75	15,5	1	014710361

1471PT/C5

impact socket kit for brake calipers nuts

for cars of Volkswagen, Audi & Porsche group
- **3 10-tooth sockets: 11.5 mm - 15 mm - 20 mm**
- **2 7-tooth socket: Ø 14 mm - 22 mm**

1471PT/C5	1	014710367

1471D2

tool for pushing back front disc brake pistons, with closed callipers

Two pairs of plates for working on 2 and 4 piston callipers

mm		
10	1	014710301

250x170x60 mm 1,5 kg

1471T/C5

5 slogging wrenches for truck brake calipers

can be used with torque wrenches for tightening operations included sizes:
- **female Torx wrenches E18, E20, E24**
- **ring wrenches M24, M26**

1471T/C5	1	014710400

275x220x60 mm - 3,1 kg

1472

hose clamp pliers

1472	1	014720001

1472AU

automatic hose clamp pliers

Ø mm		
18÷53	1	014720100

1472R/AU
spare tips for pliers 1472AU

1472AU/R	1 014720101

1472AU/P
automatic hose ring pliers
with extension

Ø mm	L mm	
18÷54	630	1 014720105

1472AU/RP
spare cable for pliers 1472AU/P

1472AUP/R	1 014720106

1472B/RNLT
double head socket, specially designed for suction hose clamps installed on Renault group engines

1472B/RNLT	1 014720250

1472FC
Clic® collar pliers with swivel heads

1472FC	1 014720090

1472FC/L
Clic® collar pliers with flexible extension

L mm	
630 mm	1 014720095

1472FCL/RP
spare cable for pliers 1472FC/L

1472FCL/RP	1 014720096

1472PU
combination collar and hose clamp pliers

the multi head jaws inclined at 45° allow most commercially available collars to be clamped

Ø mm	L	
0÷65	228	1 014720120

1472PU/P
combination collar and hose clamp pliers
with extension

the multi head jaws allow most commercially available collars to be clamped

Ø	L	L1	
3÷58	228	630	1 014720121

1472VW
hose clamp pliers,
with swivel heads
For Volkswagen and Mercedes cars

1472 VW	1 014720051

1473
OETIKER® collar pliers

1473 275	1 014730001

1473A
slotholder pliers for OETIKER® collars

1473A	1 014730010

1473P
clamp pliers for OETIKER® low-profile collars

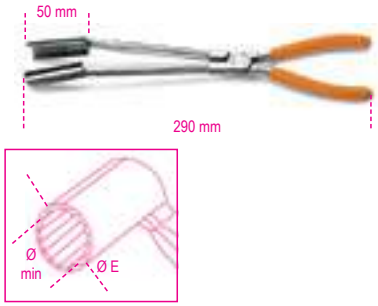
A Max mm	
53	1 014730020

1473FN
tool for tightening and cutting
strap ties made of stainless steel

For use with Panduit® ties and the like

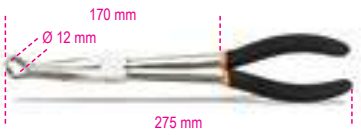
A mm		
4,7÷9,5	1	014730501

1474L
spark-plug pliers, curved long nose, 15°



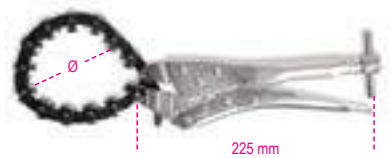
Ø min mm	Ø E mm		
14	20	2	014740010

1474DL
spark-plug pliers, long nose,
double layer PVC coated handles



1474DL	1	014740015

1476
adjustable self-locking pliers
for exhaust pipe cutting



Ø min mm	Ø max mm	L mm		
19	75	225	1	014760002

1476/RC
spare chain for item 1476

1476RC	1	014760012

1476A
pliers for exhaust pipe cutting

Ø min mm	Ø max mm		
30	95	1	014760005

1476A/RC
spare chain for item 1476A

1476A/RC	1	014760015

1476PSA
exhaust collar pliers
with pin, PSA group

Nose shape and automatic rack locking make it possible to work without pulling out pin

L mm	A Max mm	S mm		
309	60	12,2	1	014760060

1477/C38
kit with swivel ratcheting wrench,
with short sockets for belt tighteners

Kit contents:
- **swivel lever with 500-mm long reversible ratchet**
- **short sockets for Torx® head screws: E10-E12-E14-E16-E18**
- **short hexagon sockets: 8-9-10-11-12-13-14-15-16-17-18-19-24**
- **bits for Torx® head screws: T20-T25-T27-T30-T40-T45-T50-T55-T60**
- **bits for cross head Phillips® screws: PH2**
- **hexagon bits: 4-5-6-7-8-10 mm**
- **magnetic bit holder**
- **3/8" extension, 75 mm**

1477/C38	1	014770338

630x130x55 mm - 2 kg

1477D/S5
set of 5 ring wrenches for belt tightening nuts

1477D/S5	1	014770200

13-15-16-17-19 mm

600x200x70 mm - 2,2 kg

1478
pin removing pliers

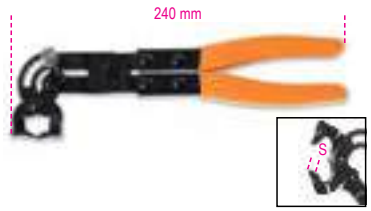
1478	1	014780001

1478NSS
plastic pin removal pliers
with 3 release points

L mm		
180	1	014780163

1478T
plastic pin removable pliers
with swivel head and pressure clips

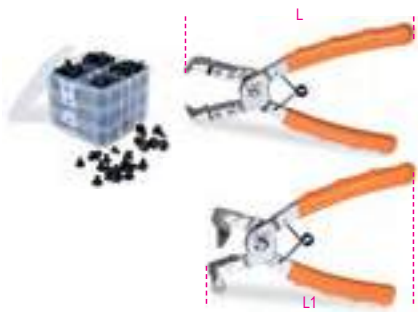
Head can be rotated 90°



	S mm		
1478T	4,5	1	014780101

1478/K3
pin removing pliers kit with plastic clips assortment

kit contents:
- **flat nose pliers (1 pc.)**
- **90° bent nose pliers (1 pc.)**
- **625 plastic clips in 16 different sizes**
- **clips in 3 stackable PPL containers**



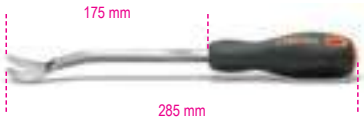
	L mm	L1 mm		
1478/K3	180	170	1	014780160

1478SP
assortment of 625 plastic clips

16 different types

1478SP	1	014780201

1479
trim pin remover



1479	2	014790001

1479/B27
kit of 27 nylon tools for removing pins and working on plastics and seals, hangable

1479/B27	1	014790407

1479LB/C5
kit of 5 metal trim pin removers

1479LB/C5	1	014790150

215x165x50 mm

1479LV/S3
kit of 3 multipurpose wrecking bars, made of metal

sizes:
1479LV/1: 10x12 mm
1479LV/2: 4.8x9.6 mm
1479LV/3: 2.8x6 mm

1479LV/S3	1	014790100

1479L/K4
4 wrecking bars for jobs on dashboards and delicate parts

1479L/K4	1	014790604

1479N/S5
kit of 5 nylon trim pin removers

1479N/S5	1	014790251

1479RB/1
straight putty knife scraper

1479RB/1	1	014790315

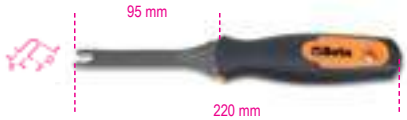
1479RB/2
bent putty knife scraper

1479RB/2	1	014790320

1479RB/3
flat putty knife scraper

1479RB/3	1	014790310

1479U/13
putty knife scrapers



1479U/13	2	014790010

1479U/32
trim pin remover, stainless steel blade

1479U/32	2	014790015

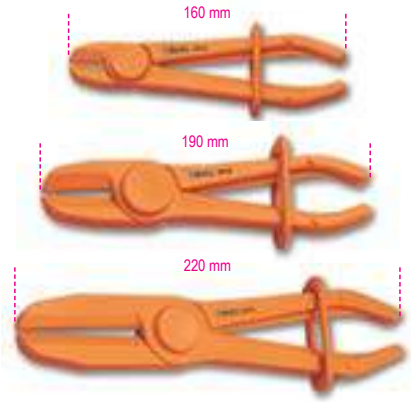
1480
Kit for filling diesel oil filters of cars without electric pumps
• Also for use with tyre inflators

Kit contents:
- **GM quick couplings**
- **Renault, GM, Fiat quick couplings, inside Ø 6 mm**
- **Renault, GM, Fiat quick couplings, inside Ø 7 mm**
- **Fordquick couplings**
- **PSA quick couplings, inside Ø 6 mm**
- **PSA quick couplings, inside Ø 7 mm**
- **Ford quick couplings**
- **2 cone-shaped adapters for cars without quick couplings**

1480	1	014800010

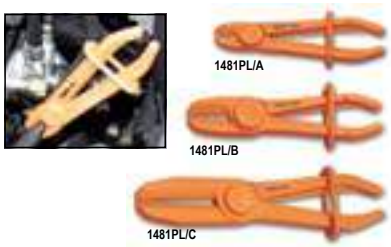
410x320x70 mm

1481PL/A
plastic hose pliers



	Ø mm		
1481PL/A	8÷15	3	014810110
1481PL/B	15÷25	3	014810120
1481PL/C	25÷45	3	014810130

1481PL/S3
set of 3 plastic hose pliers

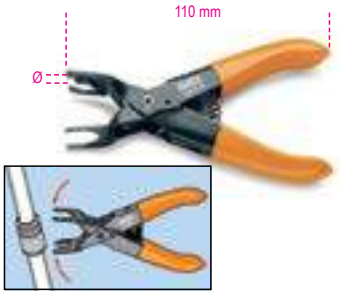


1481PL/S3	1	014810200
1481PL-A Ø 8÷15 mm		
1481PL-B Ø 15÷25 mm		
1481PL-C Ø 25÷45 mm		

1482
adjustable self-locking wrench for tank floating ring nuts

Ø mm			
89÷170	1	014820001

1482/8 - 1482/10
quick coupler pliers for fuel pipes



	Ø mm		
1482/8	8	2	014820008
1482/10	10	2	014820010

1482B
quick coupler pliers for fuel pipes

1482B	1	014820021

1482SN
quick coupler swivel pliers for fuel pipes, with articulated jaws

L mm			
260	1	014820110

1483KV-PT/S7
set of five-star head bits

Included sizes:
PT10 - PT15 - PT20 - PT25 - PT27 - PT30 - PT40

1483KV PT/S7	1	014830117

1485FCA/K2

tools for pre-loading timing belt bearings, pair, FCA group

recommended for 1.2, 1.4 8/16 V and 1.4 Multiair engines

- **1 175-mm-long tool with 13.5-mm-deep push rods**
- **1 305-mm-long articulated tool with 13.5-mm-deep push rods**

1485FCA/K2	1	014850220

1485TC

tensioning lever for service belts, mounted on Ford, PSA, FCA engines

L mm		
475	1	014850330

1485/KIT

kit for controlling cam belt tension

1485/KIT	1	014850100

230x140x75 mm - 580 g

1485R

universal tool for rotating camshaft pulleys made from forged steel with 2 pairs of tips

Ø mm	Ø1 mm	L mm		
30÷120	10 - 17	500	1	014850025

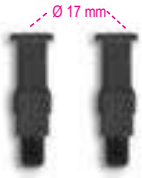
1485R/P10

pairs of inserts

1485R/P10	1	014850035

1485R/P17

pairs of inserts



1485R/P17	1	014850038

1488 - 1488L

oil-filter wrench with double chain

Ø mm		
1488 60÷110	1	014880001
1488L 60÷160	1	014880050

1488/1

oil-filter wrench with thin double chain

12"

Ø mm		
60÷110	1	014880010

1488R...

spare chain

	L mm		
1488RC	1488 350	1	014880101
1488R/L	1488/L 520	1	014880150
1488RC/1	1488/1	1	014880110

1489/33

alternator pulley free wheel wrench

1489/33	33	1	014890010

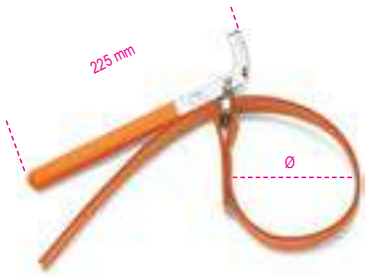
1489/Y

alternator pulley free wheel wrench, for Nippondenso alternators

mm		
32	1	014890040

1490

strap wrenches for oil filters



	Ø max mm		
1490/1	160	1	014900001
1490/2	240	1	014900002

1490/R1 - 1490/R2

spare fabric straps for item 1490

	Ø mm		
1490R/1	160	1	014900101
1490R/2	240	1	014900102

1490F

strap wrenches for filters

38"

12"

Ø Max mm	H mm		
200	50	1	014900201

1491
adjustable oil filter wrench

Ø mm		
65÷110	2	014910001

1491R
spare metal band for item 1491

1491R	10	014910010

1491A
adjustable oil filter pliers

Precision adjustment through rack

L mm	Ø min - Max mm		
345	55 ÷ 140	1	014910040

1493/C30
set of 28 oil filter wrenches

12"

Sizes included in kit (Ø mm / n°. of sides)
1493:
65/14 - 68/14 - 73/14 - 74/15
76/15 - 75.77/15 - 76/14 - 76/8 - 78/15 - 80/15
82/15 - 86/16 - 90/15 - 92/10 - 93/15 - 95/15
100/15 - 106/15 - 108/15

1493PF (Purflux)
66/6 - 76/12 - 76/30- 86/18
93/36 - 93/45 - 96/18 - 108/18

- Includes 1 adjustable oil filter wrench
Ø 65÷120 mm

1493/C30	1	014930000

530x400x110 mm - 4 kg

1493/C19
set of 18 oil filter wrenches,
particularly suitable for Asian cars

Ø mm	N°. of sides
63-64	14
66.5	14
74	14
79	15
84	14
87	16
92	15
94.5	15
100.5	15
64.5	14 hook wrench for Toyota cars
64.5	14 hook wrench for Lexus cars

6 hexagon sockets, sizes 24-27-30-32.5-36-38 mm, for filter cartridges
Kit includes 1 universal adjustable wrench Ø 58÷93 mm

12"
3/8"

1493/C19	1	014930019

490x450x60 mm - 4 kg

1493DSG
wrench for removing/installing
DSG oil filter

12"

○ mm		
24	1	014930800

1493FF/2
oil filter wrench with swivel ratchet head

allows plastic seats of PSA Group and FORD oil filters to be removed/installed

12"

○	L		
27	245	1	014930128

1493/C7
self-adjusting oil filter wrench with three arms
for right- and left-hand tightening,
with interchangeable arms

antislip diamond finish
2 sets of arms:
- **1 set with 20 mm working length**
- **1 set with 38 mm working length**

3/8"

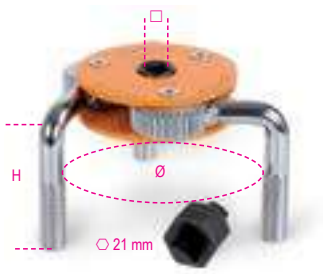
Ø mm	⬡ mm		
50÷100	16	1	014930079

210x150x50 mm

1493H
self-adjusting oil filter wrench with 3 arms,
for right and left hand tightening

Knurled jaws

3/8"
1/2"



Ø mm	H mm		
72÷127	62	1	014930077

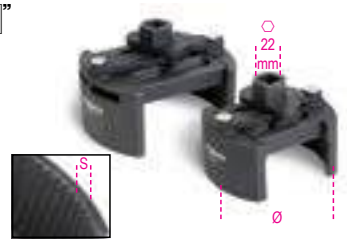
1493/U
self-adjusting oil filter wrench with 3 arms,
for right and left hand tightening

□	Ø mm		
1/2	105-165	1	014930076

1493Y
self-locking oil filter wrenches,
for right- and left-hand tightening,
heavy-duty version

item 1493Y/2 can also be used for drier filters

1/2"



	Ø mm	S mm		
1493Y/1	80÷110	7,3	1	014930120
1493Y/2	104÷145	7,3	1	014930122

1494T/C5
set of special sockets
for plastic oil drain plugs

Set contents:
- **1 socket for VAG group oil drain plugs**
- **1 socket for BMW oil drain plugs**
- **1 socket for PSA and Ford group oil drain plugs**
- **1 socket for Mercedes oil drain plugs**
- **1 "T"-handle wrench**

3/8"

17 mm

1494T/C5	1	014940350

173x125x50 mm - 360 g

1494Q
male square oil drain plug sockets

1/2"

mm		
8	1	014940258
9,5	1	014940259
12	1	014940262
13	1	014940263

1494VW/K
engine oil replacement kit,
for VAG cars

Kit contents:
- 1 special socket for plastic oil drain plugs
- 6 plastic oil sump plugs

1494VW/K	1	014940310

1494/C14A
assortment of 14 oil change tools

1/2"

1494/C14A	1	014940150

1494E	8-9-10-11-12-14-17
1494Q	8-9,5(3/8")-12-13
1494	10
1494T	9,5(3/8")
1494XZN	M16

380x305x40 mm - 1,7 kg

1494M
tool for hexagon oil drain plugs,
magnetic, flexible

Allows plug to be unscrewed without risking getting burnt or dirty

L mm	F kg	Ø mm		
293	2,5	19	1	014940401

1495/C6
assortment of tools for repairing oil sump threads

- Damaged thread is removed by screw tap and enlarged by one size
- Allows repairs and avoids replacing oil sump

Contents:
- 1 screw tap M13x1.25 + 6 screws + 12 washers
- 1 screw tap M13x1.5 + 6 screws + 12 washers
- 1 screw tap M15x1.5 + 6 screws + 12 washers
- 1 screw tap M17x1.5 + 6 screws + 12 washers
- 1 screw tap M20x1.5 + 6 screws + 12 washers
- 1 screw tap M22x1.5 + 6 screws + 12 washers

1495/C6	1	014950500

420x185x60 mm - 2,1 kg

1495M
screw tap for oil drain plug threads

M		
13x1,25	1	014950553
13x1,50	1	014950563
15x1,50	1	014950565
17x1,50	1	014950567
20x1,50	1	014950570
22x1,50	1	014950572

1495T
kit with 6 oil drain plugs and washers

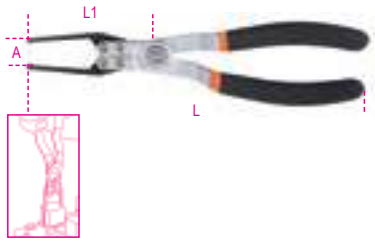
M		
13x1,25	1	014950503
13x1,50	1	014950513
15x1,50	1	014950515
17x1,50	1	014950517
20x1,50	1	014950520
22x1,50	1	014950522

1496/C
oil plug wrench

■ 8 x ■ 10 mm	3 014960010

1497BS
relay and fuse removal pliers, straight, thin pattern

the long, extremely thin noses allow the relay and fuse to be removed from small areas



L mm	L1 mm	A min	
230	45	14	1 014970190

1497P
relay removal pliers, bent pattern, 60°

	A min÷Max mm	
1497P	15÷50	1 014970160

1497SS
self-locking pliers for soldering tinned wires

Upper clips allow soldering wires to be clamped and brought close to each other.
Built-in rack allows wires to be placed in 6 different positions

L mm	A min÷Max mm	
245	14÷70	1 014970195

1497/C23
assortment of 23 tools for releasing electrical connectors

1497/C23	1 014970200
440x250x70 mm - 1,7 kg	

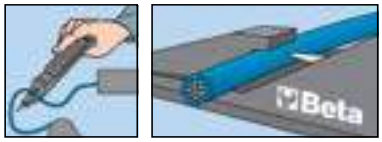
1497/C94
assortment of 94 car testing connectors for use with main diagnostic tools

- 2 t-taps
- 2 potentiometers
- 2 warning lights
- 2 SRS connectors
- 2 alligator clips
- 2 acicular probes
- 2 prods
- 2 dual banana connectors
- 4 single banana connectors
- 24 flat male terminals 0.6÷6 mm
- 12 round male terminals 1.6÷3.9 mm
- 24 flat female terminals 0.6÷6 mm
- 12 round female terminals 1.6÷3.9 mm

1497/C94	1 014970300
430x390x100 mm - 3 kg	

1498
voltage tester

CE



3÷48V	2 014980100

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.
For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

	Items	
	from	to
Wheels		
	720MRC	729T
	962	989B
	1530/C5	1531/C7
Engine		
	955	960VTC
	1440	1462/KEP
	1472	1485TC
	1737	1758S
Body work		
	1303	1369/C11
	1478	1479U/32
	1505V	1539
Transmission		
	1438	1438DSG
	1566N	1569/F
	1884	1884N/C8
Diagnostics		
	1464T/N	1465
	960PMC	961N
	1758VT	1760/IR1600

	Items	
	from	to
Brakes		
	1466/C5	1471T/C5
Oil and filters		
	1488/1	1496/C
	1877	1889N
Electric system		
	1489/33	1489/Y
	1497P	1497/C94
Starters		
	1498BC/12	1498/DG1100E
Suspension		
	1550U	1567
Garage equipment		
	1875LT	1879R/K4
	1893/134A	3004
Lifting tools		
	3006	3026/SAM
Hydraulic bench press		
	3027N 10	3028/KP
Jacks		
	3029/2T	3069

1498BC/12

multipurpose portable starter, 12V

Technical data:
- **Starting current: 600A**
- **Pickup current: 1500A**
- **Battery type: 4 cells, LiFePo4**
- **Battery capacity: 25000mAh**
- **Device protecting against polarity reversal, short-circuit, overcurrent, overcharge and overheating**

Supplied with:
- Protective case
- Cable with starting clamps
- USB ports for charging electronic devices
- LED battery charge indicator
- USB and USB-C cable
- Mains power supply
- Multifunction LED torch

	L mm	P mm	H mm		
1498BC/12	225	100	40	1	014980040

STARTERS, BATTERY CHARGERS AND TESTERS

Beta CHARGING

Following the acquisition of the established, reliable specialist manufacturer, Helvi, Beta Utensili has launched a new range of starters, battery chargers and testers, synonymous with **outstanding performance** and **quality standards**.

The range comprises **portable car** and truck starters, conventional and electronic **battery chargers** – including wheeled ones – and **battery testers**.

Beta relies on Helvi's manufacturing skills to provide an increasingly comprehensive and specialized range, with a view to answering the most demanding professionals' requirements.

1498ULTRA/12

portable lithium starter, 12 V

Compact, lightweight and powerful, it allows vehicles to be quickly started.
The latest-generation microprocessor provides full protection against:
- **Polarity reversal**
- **Short circuits**
- **Overloads**
- **Overtemperature**

Technical data:
- Operating voltage: 12 V
- Peak current: 5000 A
- Maximum starting current: 2500 A
- Memory-saving function
- Override function
- Cable length: 500 mm
- Cable section: 25 mm²
- Battery type: 4-cell LiFePo4
- Battery capacity: 10000 mAh
- Dimensions: 295x155x75 mm
- Weight: 2.9 kg

1498ULTRA/12	1	014980960

1498ULTRA/12-24

portable lithium starter, 12-24V

The latest-generation microprocessor provides full protection against:
- **Polarity reversal**
- **Short circuits**
- **Overloads**
- **Overtemperature**

Technical data:
- Operating voltage: 12-24 V
- Peak current: 10000 A (12V)/5000 A (24 V)
- Maximum starting current: 5000 A (12V)/2500 A (24 V)
- Memory-saving function
- Override function
- Cable length: 1500 mm
- Cable section: 25 mm²
- Battery type: 4-cell LiFePo4 x2
- Battery capacity: 2 x 10000 mAh
- Dimensions: 295x155x130 mm
- Weight: 5.2 kg

1498ULTRA/12-24	1	014980970

1498EL/12

portable starter, 12V

- **for starting all GT and economy cars, 12V, petrol or diesel**
- **charging via automatic electronic power supplier**
- **charging via cigarette lighter socket**
- **internal protection fuse**
- **battery charging status LED indicator**
- **shoulder strap included**
- **sealed lead-acid storage battery (AGM)**

Technical data:
- Pickup current: 1800A
- Battery capacity: 22 Ah
- Cable length: 1 m
- Weight: 9.8 kg

	H mm	L mm	P mm		
1498EL/12	330	390	130	1	014980712

1498EL/12-24

portable starter, 12/24V

- **for starting all cars and commercial vehicles with 12V/24V batteries**
- **charging via automatic electronic power supplier**
- **charging via cigarette lighter socket**
- **internal protection fuse**
- **battery charging status LED indicator**
- **shoulder strap included**
- **sealed lead-acid storage battery (AGM)**

Technical data:
- Pickup current: 3600A 12V - 1800A 24V
- Battery capacity: 2x 22 Ah
- Cable length: 2 m
- Weight: 18.5 kg

	H mm	L mm	P mm		
1498EL/12-24	330	390	180	1	014980724

1498EL/12-R01

spare battery, 12V,
for starters EL/12V and EL/12-24V

1498EL/12-R01	1	014980713

1498/12-24 R20

mains power supply for starters items 1498/12 and 1498/24

1498/12-/24 R20	1	014980520

1498PRO/12

portable starter, 12V, Pro

- **for starting all GT and economy cars, 12V, petrol or diesel**
- **graphic display with ammeter and charging status indication**
- **charging via automatic electronic power supplier**
- **charging via cigarette lighter socket**
- **internal protection fuse**
- **shoulder strap included**
- **sealed lead-acid storage battery (AGM)**

Technical data:
- Pickup current: 3200A
- Battery capacity: 25 Ah
- Cable length: 2 m
- Weight: 15.8 kg

	L mm	P mm	H mm		
1498PRO/12	255	210	380	1	014980812

1498PRO/12-R01

spare battery, 12V,
for starters 1498PRO/12V

1498PRO/12-R01	1	014980813

1498PRO/12-24

portable starter, 12/24V, Pro

- **for starting all vehicle types with 12V or 24V batteries**
- **graphic display with ammeter and charging status indication**
- **charging via automatic electronic power supplier**
- **charging via cigarette lighter socket**
- **internal protection fuse**
- **shoulder strap included**
- **sealed lead-acid storage battery (AGM)**

Technical data:
- Pickup current: 5000A 12V - 2500A 24V
- Battery capacity: 2 x 20 Ah
- Cable length: 2 m
- Weight: 19.8 kg

	L mm	P mm	H mm		
1498PRO/12-24	255	210	380	1	014980824

1498PRO/12-24 R01

spare battery, 12V,
for starters 1498PRO/12-24V

1498PRO/12-24 R01	1	014980825

1498/2A

electronic motorcycle battery charger, 12V

allows charging of all
Pb Wet, Agm, Gel, Mf and Vrla battery types
and LiFePo4 lithium batteries

Features:
- Two different types of charge, for lithium and lead acid batteries respectively
- Automatic multi-stage charge cycle
- Reverse polarity and short-circuit protection
- IP65 degree of protection
- Complete with cable with clamps and cable with eyelets
- Power supply voltage: 220-240V

Technical data:
- Charging current: 1A
- Charging capacity: 2Ah-40Ah
- Frequency: 50-60 Hz
- Battery voltage: 12V
- Dimensions: 180x80x40 mm
- Weight: 0.5 kg

1498/2A	1	014980102

1498SA/2A-4A

cable with cigarette lighter plug
for items 1498/2A and 1498/4A

1498SA/2A-4A	1	014980120

1498/4A-8A CO

eyelet cable for items 1498/4A and 8A

1498/4A-8A-CO	1	014980114

1498/4A-8A CP

cable with clamps for items 1498/4A and 8A

1498/4A-8A-CP	1	014980118

1498/2A-8A-PR

extension for item 1498/2A/4A/8A

1498/2A-8A-PR	1	014980119

1498H/4A

electronic multipurpose battery charger, 6-12V

Features:
- **LCD display**
- **3-light intensity LED**
- **Charging and charge maintenance**
- **Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature**
- **Spark protection**
- **9 charging steps**
- **Floating system**
- **Functions: battery recovery, battery test and desulphation**
- **Clamp holder**
- **Reclining fixing hook**
- **Supplied accessories: cable with clamps, cable with eyelets**

Technical data:
- Power supply: 230V - 50/60Hz
- Charging current: 1-4A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePo4)
- Charging capacity: 5-80Ah (LiFePO4 1-80Ah)
- Maintenance capacity: 5-120Ah (LiFePO4 1-120Ah)
- Output voltage: 6-12V
- Degree of protection: IP65

L mm	P mm	H mm		
181	91	58	1	014980204

1498H/8A

electronic multipurpose battery charger, 12-24V

Features:
- **LCD display**
- **3-light intensity LED**
- **Charging, charge maintenance and power supply**
- **Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature**
- **Spark protection**
- **9 charging steps**
- **Floating system**
- **Functions: battery recovery, battery test and desulphation**
- **Clamp holder**
- **Reclining fixing hook**
- **Supplied accessories: cable with clamps, cable with eyelets**

Technical data:
- Power supply: 230V - 50/60Hz
- Charging current: 2-8A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePo4)
- Charging capacity: 10-160Ah (LiFePO4 2-160Ah)
- Maintenance capacity: 10-250Ah (LiFePO4 2-250Ah)
- Power supplier (DC): 13.8V - 5A
- Output voltage: 12-24V
- Degree of protection: IP65

L mm	P mm	H mm		
223	112	68	1	014980208

1498H/16A

electronic multipurpose battery charger, 12-24V

Features:
- **LCD display**
- **3-light intensity LED**
- **Charging, charge maintenance and power supply**
- **Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature**
- **Spark protection**
- **9 charging steps**
- **Floating system**
- **Functions: battery recovery, battery test and desulphation**
- **Clamp holder**
- **Reclining fixing hook**
- **Supplied accessories: cable with clamps, cable with eyelets**

Technical data:
- Power supply: 230V - 50/60Hz
- Charging current: 4-16A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePo4)
- Charging capacity: 20-360Ah (LiFePO4 4-360Ah)
- Maintenance capacity: 20-550Ah (LiFePO4 4-550Ah)
- Power supplier (DC): 13.8V - 12A
- Output voltage: 12-24V
- Degree of protection: IP20

L mm	P mm	H mm		
298	152	88	1	014980216

1498H/25A

electronic multipurpose battery charger, 12-24V

Features:
- **LCD display**
- **3-light intensity LED**
- **Charging, charge maintenance and power supply**
- **Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature**
- **Spark protection**
- **9 charging steps**
- **Floating system**
- **Functions: battery recovery, battery test and desulphation**
- **Clamp holder**
- **Reclining fixing hook**
- **Supplied accessories: cable with clamps**

Technical data:
- Power supply: 230V - 50/60Hz
- Charging current: 6-24A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePo4)
- Charging capacity: 30-550Ah (LiFePO4 6-550Ah)
- Maintenance capacity: 30-800Ah (LiFePO4 6-800Ah)
- Power supplier (DC): 13.8V - 20A
- Output voltage: 12-24V
- Degree of protection: IP20

L mm	P mm	H mm		
298	152	88	1	014980225

1498/PR14

conventional battery charger, 6/12V

Features:
- **For lead-acid storage batteries**
- **Voltage/current selectors**
- **Ammeter**
- **Automatic thermal overload protector**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 140 W
- Voltage: 6/12 V
- Maximum current: 11 A
- Charging current: 7.5 A
- Charging capacity: 112 Ah 15h
- Charging positions: 2

L mm	P mm	H mm		
260	200	175	1	014980730

1498/PR17

conventional battery charger, 12/24V

Features:
- For lead-acid storage batteries
- Voltage/current selectors
- Ammeter
- Automatic thermal overload protector
- Reverse polarity protector

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 300 W
- Voltage: 12/24 V
- Maximum current: 12,5 A
- Charging current: 8.5 A
- Charging capacity: 128 Ah 15h
- Charging positions: 2

L mm	P mm	H mm		
260	200	175	1	014980731

1498/PR20

conventional battery charger, 12/24V

Features:
- **For lead-acid storage batteries**
- **Voltage/current selectors**
- **Ammeter**
- **Automatic thermal overload protector**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 390 W
- Voltage: 12/24 V
- Maximum current: 16 A
- Charging current: 11 A
- Charging capacity: 165 Ah 15h
- Charging positions: 2

L mm	P mm	H mm		
260	200	175	1	014980732

1498/PR25
conventional battery charger, 6/12/24 V

Features:
- **For large charging stations**
- **For lead-acid storage batteries**
- **Voltage/current selectors**
- **Ammeter**
- **Automatic thermal protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 620 W
- Voltage: 6/12/24 V
- Maximum current: 25 A
- Charging current: 17 A
- Charging capacity: 255 Ah 15h
- Charging positions: 6

L	P	H		
mm	mm	mm		
250	245	435	1	014980733

1498/AM30
automatic conventional battery charger 12/24 V

Features:
- **For AGM, GEL, Lead-Acid and Start/Stop batteries**
- **Electronic control of charging current**
- **Charging status light indicators**
- **Charging current regulation via potentiometer**
- **Automatic charging function**
- **Maintenance function**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 720 W
- Voltage:12/24 V
- Maximum current: 30 A
- Charging current: 20 A
- Charging capacity: 300 Ah 15h
- Charging positions: ∞

L	P	H		
mm	mm	mm		
220	235	335	1	014980740

1498/SP250
conventional battery charger / starter, 12/24 V

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 650 W
- Voltage: 12/24 V
- Maximum current: 27 A
- Charging current: 18 A
- Max. boost current: 200 Acc
- Starting current: 135 A
- Charging capacity: 270 Ah 15h
- Charging positions: 2 + boost

L	P	H		
mm	mm	mm		
220	235	335	1	014980746

1498/PR35B
conventional battery charger, 6/12/24/36/48 V

Features:
- **For large charging stations**
- **For lead-acid storage batteries**
- **Voltage/current selectors**
- **Ammeter**
- **Automatic thermal protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1830 W
- Voltage: 6/12/24/36/48 V
- Maximum current: 38 A
- Charging current: 25 A
- Charging capacity: 375 Ah 15h
- Charging positions: 12

L	P	H		
mm	mm	mm		
250	245	435	1	014980734

1498/SP150
conventional battery charger / starter, 12 V

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 190 W
- Voltage: 12 V
- Maximum current: 15 A
- Charging current: 11 A
- Max. boost current: 120 Acc
- Starting current: 85 A
- Charging capacity: 165 Ah 15h
- Charging positions: 2 + boost

L	P	H		
mm	mm	mm		
260	200	175	1	014980745

1498/RP380
conventional battery charger / starter, 12/24 V

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 900 W
- Voltage: 12/24 V
- Maximum current: 38 A
- Charging current: 25 A
- Max. boost current: 280 Acc
- Starting current: 200 A
- Charging capacity: 270 Ah 15h
- Charging positions: 2 + boost

L	P	H		
mm	mm	mm		
220	235	335	1	014980750

1498/RP480
conventional battery charger / starter, 12/24 V

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1320 W
- Voltage: 12/24 V
- Maximum current: 55 A
- Charging current: 36 A
- Max. boost current: 450 Acc
- Starting current: 315 A
- Charging capacity: 450 Ah 15h
- Charging positions: 6 + boost

L mm	P mm	H mm		
250	245	435	1	014980751

1498/SC341
battery charger / starter, 12/24 V, wheeled

Features:
- **For lead-acid storage batteries**
- **Slow/fast charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1080 W
- Voltage: 12/24 V
- Maximum current: 45 A
- Charging current: 30 A
- Max. boost current: 340 Acc
- Starting current: 200 A
- Charging capacity: 375 Ah 15h
- Charging positions: 3 + boost

L mm	P mm	H mm		
260	395	770	1	014980755

1498/SC441
battery charger / starter, 12/24 V, wheeled

Features:
- **For lead-acid storage batteries**
- **Slow/fast charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1320 W
- Voltage: 12/24 V
- Maximum current: 55 A
- Charging current: 36 A
- Max. boost current: 380 Acc
- Starting current: 260 A
- Charging capacity: 450 Ah 15h
- Charging positions: 3 + boost

L mm	P mm	H mm		
260	395	770	1	014980756

1498/SC540
battery charger / starter, 12/24 V, wheeled

Features:
- **For lead-acid storage batteries**
- **Slow/fast charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**
- **Charge timer**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1440 W
- Voltage: 12/24 V
- Maximum current: 60 A
- Charging current: 40 A
- Max. boost current: 480 Acc
- Starting current: 330 A
- Charging capacity: 525 Ah 15h
- Charging positions: 6 + boost

L mm	P mm	H mm		
350	465	840	1	014980757

1498/SC640
battery charger / starter, 12/24 V, wheeled

Features:
- **For lead-acid storage batteries**
- **Slow/fast charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**
- **Charge timer**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1800 W
- Voltage: 12/24 V
- Maximum current: 75 A
- Charging current: 50 A
- Max. boost current: 550 Acc
- Starting current: 400 A
- Charging capacity: 600 Ah 15h
- Charging positions: 6 + boost

L mm	P mm	H mm		
350	465	840	1	014980758

1498/AT300
battery charger / starter, 12 V

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 300 W
- Voltage: 12 V
- Maximum current: 25 A
- Charging current: 20 A
- Max. boost current: 300 Acc
- Starting current: 210 A
- Charging capacity: 375 Ah 15h
- Charging positions: 2 + boost

L mm	P mm	H mm		
250	345	280	1	014980760

1498/AT500

battery charger / starter, 12/24 V

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 890 W
- Voltage: 12/24 V
- Maximum current: 37 A
- Charging current: 30 A
- Max. boost current: 450 Acc
- Starting current: 320 A
- Charging capacity: 540 Ah 15h
- Charging positions: 6 + boost

L mm	P mm	H mm		
250	345	280	1	014980761

1498/AT701

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1800 W
- Voltage: 12/24 V
- Maximum current: 75 A
- Charging current: 50 A
- Max. boost current: 550 Acc
- Starting current: 400 A
- Charging capacity: 600 Ah 15h
- Charging positions: 6 + boost

L mm	P mm	H mm		
350	465	840	1	014980762

1498/AT1001

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 2200 W
- Voltage: 12/24 V
- Maximum current: 90 A
- Charging current: 60 A
- Max. boost current: 980 Acc
- Starting current: 560 A
- Charging capacity: 1350 Ah 15h
- Charging positions: 14 + boost

L mm	P mm	H mm		
350	465	840	1	014980763

1498/AT1300

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 2900 W
- Voltage: 12/24 V
- Maximum current: 120 A
- Charging current: 80 A
- Max. boost current: 1280 Acc
- Starting current: 850 A
- Charging capacity: 1800 Ah 15h
- Charging positions: 12 + boost

L mm	P mm	H mm		
575	330	770	1	014980764

1498/AT2000

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For lead-acid storage batteries**
- **Charging current selector**
- **Ammeter**
- **Thermostatic long start protector**
- **Short-circuit protection fuse**
- **Reverse polarity protector**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 3600 W
- Voltage: 12/24 V
- Maximum current: 150 A
- Charging current: 120A
- Max. boost current: 2000 Acc
- Starting current: 1100 A
- Charging capacity: 2250 Ah 15h
- Charging positions: 12 + boost

L mm	P mm	H mm		
575	330	770	1	014980765

1498/DG540E

electronic battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For Lead-Acid, AGM, Gel, Ca/Ca and Start/Stop batteries**
- **Electronic charge control via microprocessor**
- **Charging time setting**
- **Digital display**
- **Charging status LED indicators**
- **Control system for: reverse polarity, overcurrent, battery failure indication, safe start, protected start**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1320 W
- Voltage: 12/24 V
- Maximum current: 55 A
- Charging current: 36 A
- Max. boost current: 380 Acc
- Starting current: 260 A
- Charging capacity: 810 Ah 15h
- Charging positions: 4 + boost

L mm	P mm	H mm		
395	260	770	1	014980770

1498/DG1100E

electronic battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

Features:
- **For Lead-Acid, AGM, Gel, Ca/Ca and Start/Stop batteries**
- **Electronic charge control via microprocessor**
- **Charging time setting**
- **Digital display**
- **Charging status LED indicators**
- **Control system for: reverse polarity, overcurrent, power failure indication, safe start, protected start**

Technical data:
- Power supply (1ph): 230 V - 50/60 Hz
- Power: 2400 W
- Voltage: 12/24 V
- Maximum current: 100 A
- Charging current: 70 A
- Max. boost current: 580 Acc
- Starting current: 400 A
- Charging capacity: 5000 Ah 15h
- Charging positions: 4 + boost + supply

L mm	P mm	H mm		
465	350	840	1	014980771

1498TB/6-12

analogue battery tester, 6-12V

for testing 6V and 12V batteries up to 1000CCA

READING TABLE TEST RESULTS:

OK (GREEN)
Battery capacity is OK. Battery may or may not be fully charged. Make sure it is completely recharged.

WEAK or BAD but needle remains in fixed position (YELLOW OR RED):
UNSATISFACTORY battery capacity. Battery may be faulty or not completely charged. If battery is not fully charged (100%) battery must be replaced.

WEAK or BAD but needle does not remain fixed in place - (YELLOW OR RED):
Battery may be faulty or to the ground. Replace battery.

L mm	L1 mm	P mm		
290	170	75	1	014980420

1498TB/12-24N

digital battery tester, 12-24V, with built-in printer

- **allows the following to be tested: battery, alternator, starter and system**
- **reverse polarity protector**
- **fitted with software for connecting instrument to PC**
- **backlit display**
- **compact, shockproof frame**
- **9 language software**

Technical data:
- Applications: 12V and 24V batteries
- Operating range: 100-2000 CCA
- Reference standards: CCA,SAE,DIN,EN,IEC,JIS, MCA, GB, BCI, CA
- Supported batteries: PB, WET, GEL, AGM, AGM FLAT, EFB, SLI
- Voltmeter: 9V-30V
- Cable length: 1800 mm
- Supported languages: Italian, English, French, German, Spanish, Polish, Dutch, Hungarian, Portuguese
- Included accessories: USB cable, 3 printer paper rolls

1498TB/12-24N	1	014980402

1498ST/TB ROT

paper refill for tester 1498TB/12-24N

1498ST/TB ROT	2	014980411

1498PC
voltage stabilizer, 12-24 V

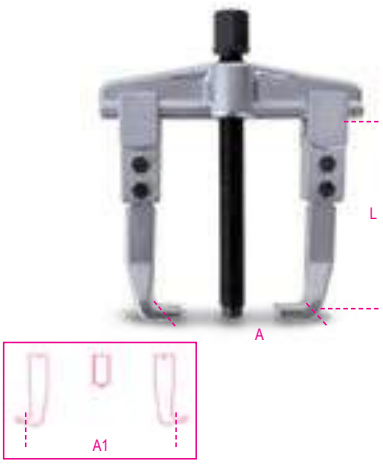
Protects control units in welding and starting processes

1498PC	1	014980801

1499
sonoscope probe

1499	1	014990001

1500/...
two-leg universal pullers



	L mm		
1500/1	100	1	015000301
1500/2	100	1	015000302
1500/3	150	1	015000303
1500/4	150	1	015000304
1500/5	205	1	015000305
1500/6	205	1	015000306
1500/7	205	1	015000307
1500/8	230	1	015000308

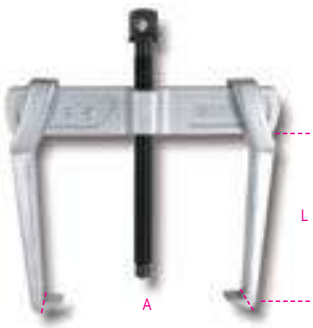
	A min÷max mm	A1 min÷max mm
1500/1	25÷80	70÷130
1500/2	25÷130	80÷180
1500/3	50÷160	105÷220
1500/4	60÷200	120÷270
1500/5	80÷250	160÷330
1500/6	80÷350	160÷420
1500/7	110÷520	195÷600
1500/8	170÷640	260÷715

1500/SP5 1500/1-1500/2-1500/3 1500/4-1500/5	1	015000325
1500/SPV	1	015000001

1500G/...
legs, pair, standard series, for items 1500 and 1580/8I

	mm	1500		
1500G/1	35	/1-2	1	015000311
1500G/3	35	/3-4	1	015000313
1500G/5	35	/5-6-7	1	015000315
1500G/8	50	/8 1580/8I	1	015000317

1500N/...
universal pullers with 2 sliding legs



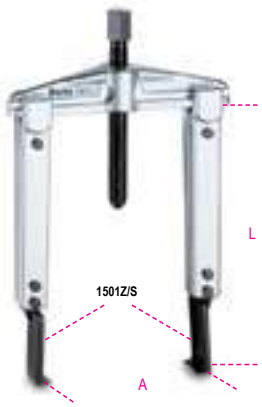
	A min÷max mm	L mm		
1500N/0	18÷65	70	1	015000600
1500N/1	23÷70	100	1	015000601
1500N/2	23÷100	100	1	015000602
1500N/3	35÷140	150	1	015000603
1500N/4	35÷190	150	1	015000604
1500N/5	43÷250	205	1	015000605
1500N/6	43÷320	205	1	015000606

1500N/SP6 1500N/0-1500N/1-1500N/2-1500N/3 1500N/4-1500N/5	1	015000626
1500N/SPV	1	015000006

1500N/G...
loose legs for pullers 1500N

	mm	1500N		
1500N/G0	10	/0	2	015000650
1500N/G1-2	12	/1-2	2	015000651
1500N/G3-4	17	/3-4	2	015000653
1500N/G5-6	23	/5-6	2	015000655

1501/1 - 2 - 3
thin leg pullers



	L mm		
1501/1	100	1	015010101
1501/2	200	1	015010102
1501/3	250	1	015010103

	A min÷Max mm
1501/1	25÷130
1501/2	25÷130
1501/3	25÷130

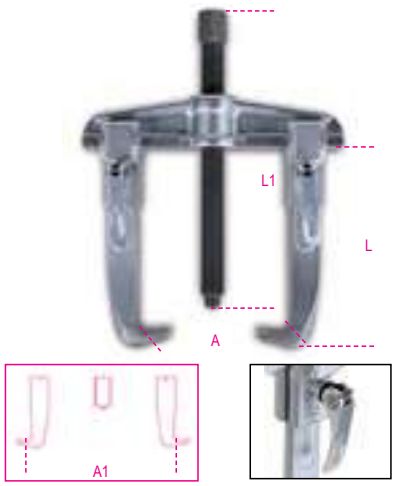
1501G/1 - 2 - 3
legs for item 1501

	L mm		
1501G/1	100	1	015010111
1501G/2	200	1	015010112
1501G/3	250	1	015010113

1501Z/S - P - R
leg ends for item 1501

		D	A		
	mm	mm	mm		
1501Z/S	2,0	27	8	2	015010211
1501Z/P	3,6	27	8	2	015010212
1501Z/R	3,6	14	8	2	015010213

1502/...
two-leg universal pullers
with quick leg adjustment and closure



	L mm	L1 mm		
1502/1	100	166	1	015020001
1502/2	150	247	1	015020002
1502/3	150	247	1	015020003

	A min÷Max mm	A1 min÷Max mm
1502/1	50÷130	90÷170
1502/2	65÷150	115÷210
1502/3	65÷190	125÷260

1505V
windshield and rear window wiper
arm remover

Removable perforated brass tip
for arm removal, with built-in washer jet

	A Max mm	L mm		
1505V	43	37	1	015050001

1508/1 - 1508/2
two-leg pullers, light series

	L mm		
1508/1	105	1	015080001
1508/2	130	1	015080002

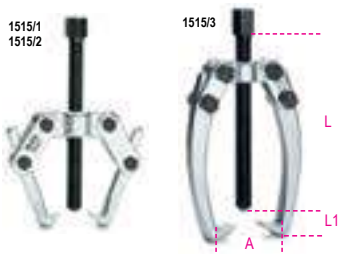
	A min÷Max mm	L1 mm
1508/1	6÷100	85
1508/2	10÷140	120

1511/1 - 2 - 3
external pullers
with two reversible legs

	L mm		
1511/1	235	1	015110001
1511/2	330	1	015110002
1511/3	405	1	015110003

	A min÷Max mm	A1 min÷Max mm
1511/1	20÷100	65÷95
1511/2	40÷150	103÷190
1511/3	40÷150	103÷175

1515/1 - 2 - 3
pullers with two floating legs



	L mm		
1515/1	85	1	015150101
1515/2	85	1	015150102
1515/3	105	1	015150103

	A Max mm	L1 mm
1515/1	60	105
1515/2	70	105
1515/3	90	105

1516/1 - 2 - 3
pullers with three floating legs

	L mm		
1516/1	85	1	015160001
1516/2	85	1	015160002
1516/3	105	1	015160003

	A Max mm	L1 mm
1516/1	60	85
1516/2	70	85
1516/3	90	105

1517
three-leg self-locking pullers

- **For major pulling loads.**
- **Self-locking effect.**

	L mm	L1 mm	⬡ mm		
1517/90	182	60	22	1	015170000
1517/150	242	115	22	1	015170010
1517/200	307	150	22	1	015170020
1517/260	395	180	30	1	015170030

	⬢ mm	A mm	Max kg	N
1517/90	19	18÷90	6000	59000
1517/150	19	25÷150	6000	59000
1517/200	19	40÷200	6000	59000
1517/260	27	50÷260	8000	78500

1517C TWO/THREE-LEG SELF-LOCKING PULLERS FOR EXTERNAL USE

Beta's puller 1517C relies on a leg self-locking mechanism triggered by the spring on the crosspiece. This feature makes it easy to position and lock the puller on the part to remove. After the puller has been fixed in place, the legs can be locked by means of the ring nut.

The peculiar crosspiece has 4 seats which allow the 1517C puller to be used with both 2 legs - for easier, quicker jobs - and 3 legs - for increased firmness.

The shear pin on the screw head breaks when the maximum permissible torque is exceeded, thereby protecting the puller from overloads.

1517C/...
combination two/three-leg self-locking pullers

- **for 2- or 3-leg use**
- **self-locking effect**

	L mm	L1 mm		
1517C/0	145	250	1	015170500
1517C/1	200	300	1	015170501
1517C/2	270	300	1	015170502

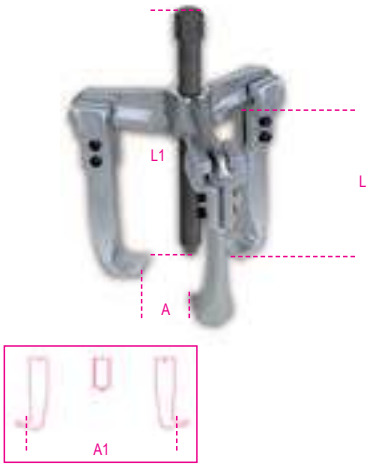
	A min÷max mm	⬢ mm
1517C/0	12÷140	18
1517C/1	20÷180	18
1517C/2	30÷280	18

1518/...
three-leg pullers

	L mm		
1518/1	105	1	015180001
1518/2	135	1	015180002
1518/3	235	1	015180003
1518/4	270	1	015180004
1518/5	270	1	015180005
1518/6	270	1	015180006

	A min÷Max mm	L1 mm
1518/1	24÷100	105
1518/2	32÷160	150
1518/3	40÷220	220
1518/4	80÷250	240
1518/5	80÷300	350
1518/6	80÷350	400

1518U/...
three-leg universal pullers



	L mm	L1 mm		
1518U/0	100	166	1	015180500
1518U/1	100	166	1	015180501
1518U/2	150	247	1	015180502
1518U/3	150	247	1	015180503
1518U/4	200	321	1	015180504

	A min÷Max mm	A1 min÷Max mm	⬣ mm
1518U/0	40÷90	80÷130	17
1518U/1	50÷130	90÷170	17
1518U/2	65÷150	115÷210	22
1518U/3	65÷190	125÷260	22
1518U/4	70÷235	170÷335	27

1521/1 - 1521/2
pullers with three reversible legs

	L mm		
1521/1	135	1	015210101
1521/2	235	1	015210102

	A Max mm	L1 mm
1521/1	110	90
1521/2	160	140

1528
self-locking puller
for brake discs

⬡ 19 mm

A min÷Max mm		
170÷ 380	1	015280000

480x240x60 mm - 4,8 kg

1529
multi-step cone pulley puller

A min÷Max mm	L min÷Max mm	L1 min÷Max mm		
24÷240	60÷95	90÷135	1	015290000

260x210x60 mm - 2,6 kg

1529PI
universal injection pump pulley puller

- **Allows fuel injection pump pulley to be quickly and accurately removed.**
- **Particularly suitable for Fiat, Ford, Volkswagen, Citroën and Peugeot vehicles.**

Includes 3 pairs of screws for tightening puller to pulley:
M6 x 1.0 x 49 mm
M7 x 1.0 x 75 mm
M8 x 1.25 x 76 mm

1529PI	1	015290051

1530/C5
wheel hub and bearing pulling kit,
3, 4, 5 holes

Kit contents:
1 universal flange (96÷138 mm)
1 hydraulic screw (12 t)
1 hammer face (2.8 kg), required for hubs without central fixing bolts

1530/C5	1	015300300

760x320x120 mm - 11,5 kg

1531/C7
removal kit for hub wheel bearing inner rings

included sizes:
- **1 pliers Ø 40÷45 mm**
- **1 pliers Ø 45÷51 mm**
- **1 pliers Ø 50÷55 mm**
- **1 pliers Ø 55÷61 mm**

1531/C7	1	015310107

390x315x96 mm - 4,3 kg

1532
packing and oil seal removal tool

1532	2	015320001

1533/...
pullers for separators 1534

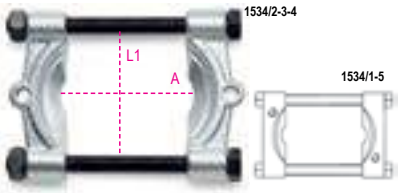
	L mm		
1533/2	150	1	015330002
1533/3	210	1	015330003
1533/4	315	1	015330004
1533/5A	305	1	015330006

	A min÷Max mm	L1 mm
1533/2	45÷140	110
1533/3	55÷205	175
1533/4	90÷260	175
1533/5A	100÷360	235

1533PR/1 - 2 - 3
extensions for pullers 1533

1533PR/1 1533/2	1	015330011
1533PR/2 1533/3	1	015330012
1533PR/3 1533/4 - 1533/5A	1	015330013

1534/...
separators



1534/1	1533/2	1	015340001
1534/2	1533/2	1	015340002
1534/3	1533/3	1	015340003
1534/4	1533/4	1	015340004
1534/5A	1533/5A	1	015340006

	A min÷Max mm	L1 mm
1534/1	5÷60	63
1534/2	12÷75	75
1534/3	22÷115	118
1534/4	25÷155	154
1534/5A	30÷220	180

1535/C...
puller kits

1535/C1 — 1 — 015350001
- 1533/2
- 1533PR/1
- 1534/1

260x180x40 mm - 2,5 kg

1535/C2 — 1 — 015350002
- 1533/2
- 1533PR/1
- 1534/2

260x180x40 mm - 2,8 kg

1535/C3 — 1 — 015350003
- 1533/3
- 1533PR/2
- 1534/3

380x280x55 mm - 8,0 kg

1535/C4 — 1 — 015350004
- 1533/4
- 1533PR/3
- 1534/4

420x380x65 mm - 14,8 kg

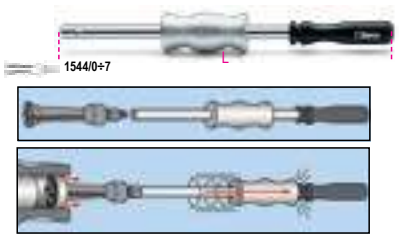
1535/C5A — 1 — 015350006
- 1533/5A
- 1533PR/5A
- 1534/5A

530x510x85 mm - 27,2 kg

1539
sheet sliding hammer

1539	1	015390001

1540
sliding hammer



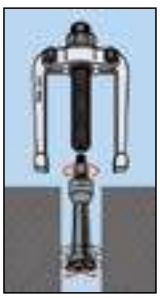
	L mm		1544		
1540	390	M10	0÷7	1	015400001

1542/1 - 1542/2
two-leg pullers for extractors

	A min÷Max mm	1544		
1542/1	35÷75	0÷7	1	015420001
1542/2	60÷130	9C-10C	1	015420002

	L mm	L1 mm
1542/1	140	140
1542/2	175	160

1544/...
internal extractors



	C mm			
1544/0 **A= 5÷7**	0,25	M10	1	015440100
1544/A **A= 7÷9**	0,80	M10	1	015440105
1544/1 **A= 9÷12**	0,80	M10	1	015440110
1544/2 **A= 13÷17**	1,15	M10	1	015440120
1544/2B **A= 14÷19**	1,00	M10	1	015440121
1544/3 **A= 16÷21**	1,70	M10	1	015440130
1544/4 **A= 20÷25**	1,65	M10	1	015440140
1544/5 **A= 25÷30**	2,00	M10	1	015440150
1544/6 **A= 30÷37**	3,00	M10	1	015440160
1544/7 **A= 38÷45**	3,80	M10	1	015440170
1544/9C **A= 40÷75**	2,60	G 3/8"	1	015440189
1544/10C **A= 70÷115**	7,30	G 3/8"	1	015440199

1545/C5M
puller 1542/1 with 5 extractors 1544

1545/C5M	1	015450011

1542/1	⬢ 24 mm
1544/1	9÷12 mm
1544/2	13÷17 mm
1544/3	16÷21 mm
1544/4	20÷25 mm
1544/5	25÷30 mm

265x180x45 mm - 2,4 kg

1547/C6
dummy ball bearing extractors

1547/C6	1	015470006

420x185x60 mm - 3 kg

1547KP
set of 3 pairs of dummy ball terminals

	Ø mm		
1547KP/1	9-11-12,5	1	015470106
1547KP/2	5-6-8	1	015470206

1547P
hexagonal extensions

	L mm			
1547P/1	205	1547/1	1	015470101
1547P/2	102	1547/2	1	015470201

1547PC/2
round extensions, short series

	L mm			
1547PC/2	42	1547/2	1	015470202

1547PL/2
round extensions, long series

	L mm			
1547PL/2	106	1547/2	1	015470203

1548/C6
Bearing removal tools with thin interchangeable terminals

Bearings:
1548/1
6000-6010, 6200-6205, 62/22, 6300-6302, 16002, 16003, 16011, 16100, 16101
1548/2
6011-6020, 6206-6218, 62/28, 6303-6313, 63/22, 63/28, 6403-6410

1548/C6	1	015480306

420x185x60 mm

1548KP
set of 3 terminals

	Gr.		
1548KP/1	1-2-3	1	015480401
1548KP/2	4-5-6	1	015480402

1550U
pneumatic shock absorber removal tool for cars, SUVs and commercial vehicles

Features
- Maximum thrust: 2 tons (10 bars) - 1.6 tons (8 bars) - 1.2 tons (6 bars)
- Spring compression stroke: 335 mm
- Upper universal hold system that allows all left/right-hand spring diameters to be compressed with one upper adaptable plate
- Active safety system on spring: safety hook and 3 locking valves allow spring to be properly positioned/seated, maintaining such position throughout compression
If spring is not positioned properly, system will stop machine.
- Protective "Full Body" Grille: provides maximum safety and working area coverage
- Control Lever operation: increased accuracy and sensitivity during compression stage
- Working position: working height on rear fork raised up to 875 mm
- Supplied with 2 lower forks for diameters 78-205 mm

1550U	1	015500010

1550U/CGS-R
lowered upper jaws, pair, for item 1550U

1550U/CGS-R	1	015500035

1550U/MRC-ABE

special forks for item 1550U, specially designed for Mercedes A-B-E Class cars

1550U/MRC-ABE	1 015500031

1550U/MRC-C

special forks for item 1550U, specially designed for Mercedes C class cars

1550U/MRC-C	1 015500032

1550U/S...

lower fork for item 1550U

	Ø mm	
1550U/S 130	78÷130 mm	1 015500014
1550U/S 182	105÷182 mm	1 015500015
1550U/S 205	125÷205 mm	1 015500016

1550U/SS187

left-hand fork for item 1550U

Particularly suitable for left-hand springs, e.g. Nissan Qashqai and Renault Koleos

1550U/SS 187	1 015500018

1550U/M

vice for shock absorber removal tool item 1550U

Allows shock absorber stem to be locked

1550U/M	1 015500021

1551/C20

kit for removing shock absorber heads

Kit contents:
- **7 hexagon sockets, sizes: 16 - 17 - 18 - 19 - 21 - 22 - 24**
- **1 socket extension, length: 120 mm**
- **3 slotted female bits, sizes: 8x5 - 8x6 - 11x8**
- **1 female hexagon bit, size: 10 mm**
- **1 male XZN(R) bit, size: M10**
- **1 male Torx(R) bit, size: T50**
- **4 male hexagon bits, sizes: 5- 6 - 7 - 8**
- **1 bit holder extension, length: 95 mm**
- **1 bit holder extension, length: 190 mm**

⬡ 8 - 21 mm

1551/C20	1 015510020

320x245x71 mm - 2,6 kg

1552/C9

kit for spreading shock absorber, wishbone and steering wheel joints apart

working with single or double retractor head also makes it possible to work on double joints, e.g. from VAG group

⬡ 13 mm

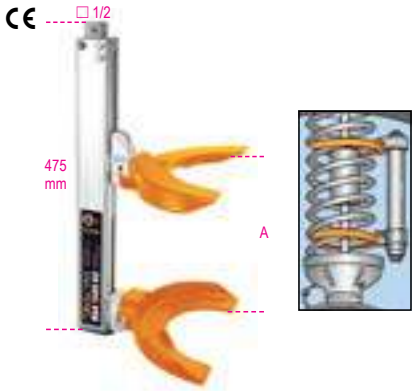
1552/C9	1 015520020

195x140x40 mm - 1,0 kg

1555/Q

compressor for MacPherson and equivalent shock absorber springs

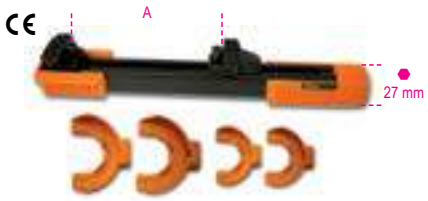
Maximum thrust: 1500 kg



A min÷Max mm	Ø min÷Max mm	
65÷354	80÷195	1 015550006

1555/QS

compressor for MacPherson and equivalent shock absorber springs



A min÷Max mm	Ø min÷Max mm	
70÷300	80÷200	1 015550005

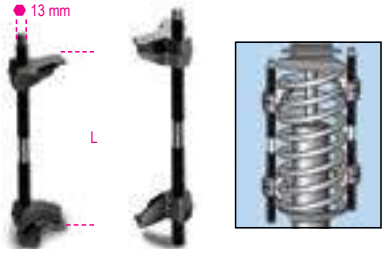
1555S/BMW-RNT

fork for BMW E39, E46 and Renault Mégane II shock absorbers, for items 1555Q and 1555/QS

1555S/BMW-RNT	1 015550303

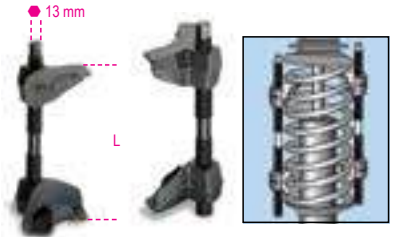
1556/1A

compressor for shock absorber springs



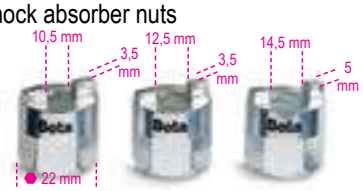
min L Max mm	
65÷320	1 015560101

1556/2A
compressor for shock absorber springs



min L Max mm		
65÷200	1	015560102

1557/S3
set of 3 sockets
for shock absorber nuts



1557/S3	1	015570010

1559
ball joint puller, light series

	A Max mm	Ø mm		
1559/22	50	18÷22	1	015590001
1559/36	90	36	1	015590036
1559/45	115	45	1	015590045

1559V/8T
hydraulic screw for ball joint pullers 1559/36 and 1559/45

Nm	t		
80000	8	1	015590145

1560/2
ball joint pullers, professional type

	A min÷Max mm	Ø mm		
1560/2	60÷85	20	1	015600002

1560A
ball joint puller

1560A	1	015600601

1561/...
ball joint pullers

	L mm	A mm	D mm		
1561/1	39	36,6	18	1	015610001
1561/2	47	45,7	25	1	015610002
1561/3	63	62	30	1	015610003
1561/4	75	63	40	1	015610004

1562D
ball joint puller

Supplied with 2 screws for pulling suspension and steering joints

A max mm	Ø mm	⬢ mm	L mm		
50	39	26	155	1	015620239

1565/1 - 2 - 3
fork separators for ball joints

	D mm	L1 mm		
1565/1	18	65	1	015650001
1565/2	23	65	1	015650002
1565/3	30	88	1	015650003

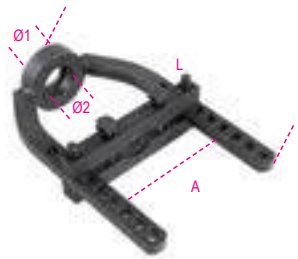
1566N
tool for removing/installing steering arms

Ø x L mm	⬡ mm	□		
28÷35 x 400	27	1/2"	1	015660005
35÷45 x 400	27	1/2"	1	015660010

1566R
adjustable tool for removing/installing steering arms

Ø mm		
27÷43	1	015660015

1566/G01
homokinetic joint puller



L mm	A mm	Ø1 mm	Ø2 mm		
250	115	29	36	1	015660052

1566/VAG
kit of XZN® impact sockets
for axle shaft screws of VAG Group vehicles

Sizes included in kit:
- **XZN® male impact socket M12 L 77 mm**
- **XZN® male impact socket M12 L 120 mm**

⬡	L1	L2		
M12	77	120	1	015660060

1567

lever for removing wishbone heads and shock absorbers from pillar

Can be used by one operator

A mm	B min÷Max mm		
1060	100÷300	1	015670001

1568

pneumatic assembly tool for silicone axle shaft boots

8 spreader arms

maximum arm spreading: 145 mm

CE

L mm	L1 mm		
420	195	1	015680001

1569/F

tool assortment for removing and inserting Fiat Panda, Fiat 500 and Ford Ka silentblocks

1569/F	1	015690021

1569/SB

assortment of tools for removing and installing rear axle silent blocks, driving shaft oil seals and wheel bearings

• bushings can be used both on vehicle and on hydraulic press

1569/SB	1	015690016

425x365x100 mm - 13 kg

1569CP

striking tools for installing conical bearings and oil seals

Quick adjustment

	Ø min÷Max mm	L mm		
1569CP/50	9,5÷50	130	1	015690750
1569CP/90	18÷90	145	1	015690790

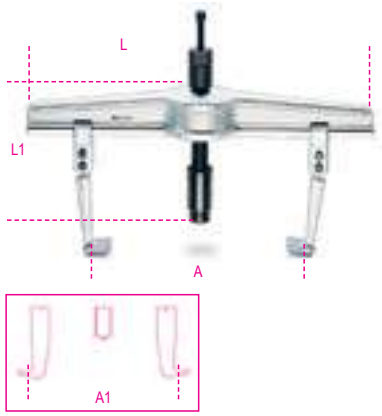
1570/3

hydraulic presses for pullers

t	L mm	L1 mm	● mm		
30	243	36	19	1	015700003

1580/8I

two-leg hydraulic puller



1580/8I	1	015800008

	A min÷Max mm	L mm	L1 mm	A1 min÷Max mm	N Max
1580/8I	170÷640	715	280	260÷715	180000

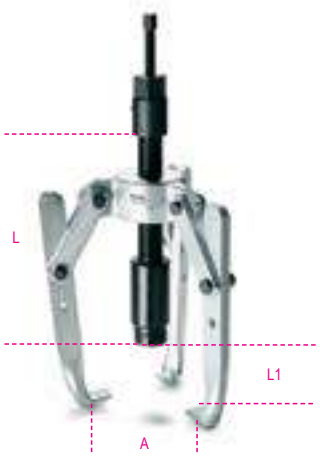
1580GL

loose legs, long series, for pullers item 1580/8I

	L mm		
1580GL/8A	300	1	015800227
1580GL/8B	400	1	015800228
1580GL/8C	500	1	015800229

1585/5I - 6I - 7I

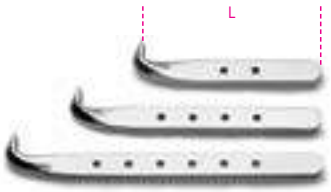
three-leg pullers for hydraulic use



1585/5I	1	015850005
1585/6I	1	015850006
1585/7I	1	015850007

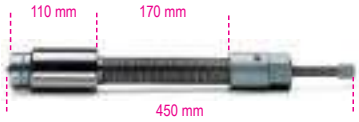
	A min÷Max mm	L1 mm	L mm	N Max
1585/5I	50÷350	135	280	150000
1585/6I	50÷350	235	280	150000
1585/7I	50÷350	335	280	150000

1585GI/5 - 6 - 7
legs for hydraulic puller
1585/I-1585/6I-1585/7I



	L mm		
1585GI/5	280	1	015850205
1585GI/6	380	1	015850206
1585GI/7	485	1	015850207

1589VI
hydraulic screw for pullers
1580/8I and 1585/5I - 1585/6I - 1585/7I



1589VI	1	015890001

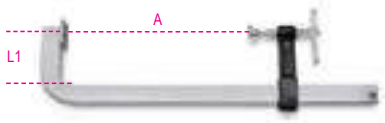
1589PI/50 - 100 - 150
extension sockets for hydraulic screw

	L mm	L1 mm		
1589PI/50	50	70	1	015890005
1589PI/100	100	120	1	015890010
1589PI/150	150	170	1	015890015

1590
standard clamps

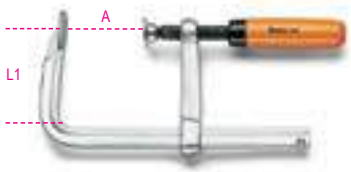
A max mm	L1 mm		
60	55	2	015900305
100	65	2	015900310
150	95	2	015900315

1591
screw clamps



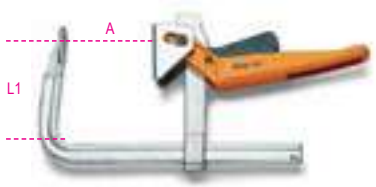
A ~	A max mm	L1 mm		
200	200	80	2	015910020
300	310	85	2	015910030
400	410	85	2	015910040
500	500	95	2	015910050
600	600	95	2	015910060
800	800	95	2	015910080
1000	1000	110	2	015910100

1593
screw clamps



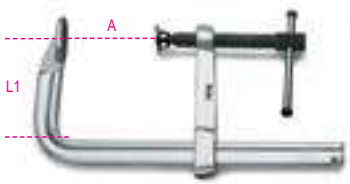
A ~	A max mm	L1 mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

1594
lever bar clamps



A ~	A max mm	L1 mm		
200	240	145	1	015940020
250	290	145	1	015940025
300	340	145	1	015940030
400	430	150	1	015940040
500	530	150	1	015940050
600	630	150	1	015940060

1595
screw clamps



A ~	A max mm	L mm		
200	230	100	2	015950020
250	270	120	2	015950025
300	330	120	2	015950030
400	420	120	2	015950040
500	520	125	2	015950050
600	620	125	2	015950060
800	820	125	1	015950080
1000	1030	125	1	015950100

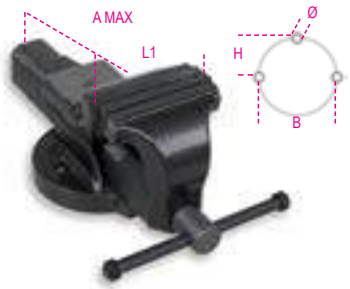
1599F
parallel bench vices, forged

Fully steel cast. Milled and hardened jaw surface.
Front opening. High clamping depth.

L1 mm	BxH mm	Ø mm	A MAX mm		
100	92x46	11	125	1	015990100
125	108x54	13	150	1	015990125
150	125x62	13	200	1	015990150
175	140x70	15	220	1	015990175

1599GI
parallel bench vices with interchangeable jaws

- **with square guide for heavy-duty jobs**
- **interchangeable jaws with hardened surface**



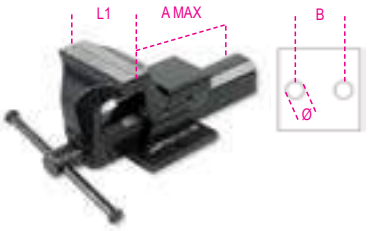
L1 mm	BxH mm	Ø mm	A MAX mm		
100	92x46	11	125	1	015990200
125	108x54	13	150	1	015990225
150	125x62	13	200	1	015990250
175	140x70	15	220	1	015990275

1599GR
pairs of jaws and spare screws for vices 1599GI

	A mm		
1599GR 100	100	1	015990920
1599GR 125	125	1	015990925
1599GR 150	150	1	015990950
1599GR 175	175	1	015990975

1599P
parallel bench vices

Hardened jaws.
Anvil with large lacquered surface.
Square steel base.



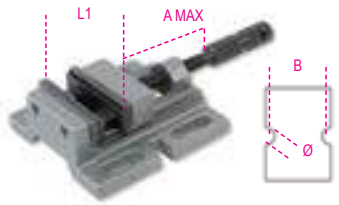
L1 mm	B mm	Ø mm	A MAX mm		
100	92	11	111	1	015990000
125	108	13	130	1	015990025
150	130	15	170	1	015990050

1599B
revolving bases for vices item 1599P

	1599P		
1599B 100	100	1	015990810
1599B 125	125	1	015990812
1599B 150	150	1	015990815

1599T
parallel drill vices

Special cast iron vices, with hardened and ground jaws.
For use on small and medium size pillar drills



L1 mm	B mm	Ø mm	A MAX mm		
80	111	11	65	1	015990480
100	120	13	87	1	015990500

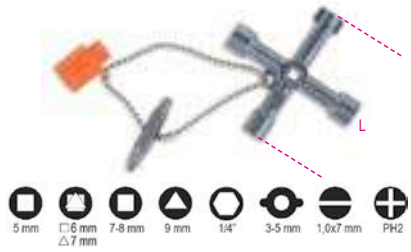
1599G
pairs of aluminium jaw covers

- **magnetic throughout their length**
- **internally milled to lock threaded parts**

A mm		
100	1	015990910
125	1	015990912
150	1	015990915
180	1	015990917

1600Q 8
four-way wrench for control panel operators

square 5 / 6 / 7-8 mm
triangle 7 / 9 mm
flaps 3-5 mm
hexagon 1/4"
slotted head 1.0x7 mm + cross head PH2



L mm		
76	1	016000008

1600Q 10
eight-way wrench with articulated joint, for control panel operators

square 5 / 6-7 / 8-9 mm
triangle 5-6-7 / 8-9 / 10 mm
flaps 3-5 mm
hexagon 1/4"
male drive 1/4"

L mm		
125	1	016000010

CERTIFICATION SERVICE FOR MEASURING INSTRUMENTS

Certification of measuring instruments is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

Certification involves issuing an Accredia certificate:

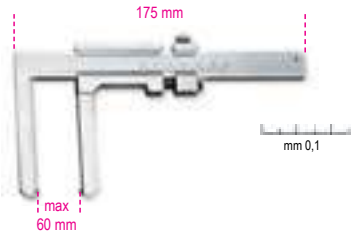
On request, Beta Utensili S.p.A. provides the certification service for Sliding Gauges, Digital Verniers, Dial Indicators, Micrometers and Feeler Gauges.
To receive this service, please contact your dealer.

1650
sliding gauge
reading to 0.05 mm

UNI EN ISO 13385-1DIN 862

A max mm	L mm		
150	235	1	016500001
200	290	1	016500002

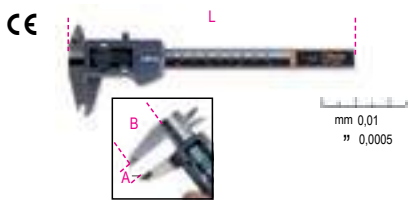
1650FD
sliding gauge for brake discs
reading to 0.1 mm



1650FD	1	016500050

1651DGTB
digital vernier,
reading to 0.01 mm

Features:
- **reading to 0.01 mm**
- **screw slider locking**
- **mm/inch conversion**
- **zero setting at any position**
- **square depth rod up to 300 mm**
- **in hard plastic case**



UNI EN ISO 13385-1DIN 862CE

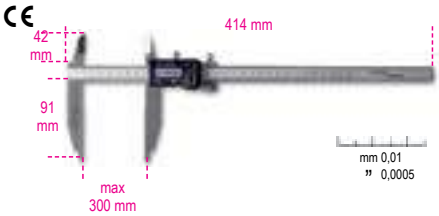
A Max mm	L mm	B mm		
150	235	40	1	016510211
200	285	50	1	016510212
300	400	60	1	016510213

1654
workshop verniers,
reading to 0.02 mm

UNI EN ISO 13385-1DIN 862

A max mm	L mm		
200	330	1	016540020
300	410	1	016540030

1654DGT
digital vernier,
reading to 0.01 mm
reading to 0.0005"



UNI EN ISO 13385-1DIN 862CE

1654DGT	1	016540111

1656
depth gauge, reading to 0.02 mm

UNI EN ISO 13385-2DIN 862

A max mm	L mm		
200	260	1	016560020
300	360	1	016560030

1657DGT/2
digital depth gauge
reading to 0.01 mm
reading to 0,0005"

UNI EN ISO 13385-2DIN 862CE

	A max mm	L mm		
1657DGT/2	200	270	1	016570002

1658/...
outside micrometers,
reading to 0.01 mm

DIN 863/II

	A mm		
1658/25	0÷25	1	016580025
1658/50	25÷50	1	016580050
1658/75	50÷75	1	016580075

1658/C4
assortment of 4 micrometers
item 1658

DIN 863

1658/C4		1	016580001

1658/25	0÷25 mm
1658/50	25÷50 mm
1658/75	50÷75 mm
1658/100	75÷100 mm

365x245x35 mm - 2,5 kg

1658DGTB

IP65 digital outside micrometers, reading to 0.001 mm

- reading to 0.001 mm
- hardened steel calipers
- lever slider locking
- mm/inch conversion
- zero setting at any position
- absolute and incremental measurement modes
- supplied with a calibration wrench

DIN 863CE

1658DGTB 25	1 016580525
1658DGTB 50	1 016580550

1658SP/1

base for micrometer

1658SP/1	1 016580910

1659

thickness gauge with dial indicator, reading to 0.01 mm

C=dial field

C mm	
1659 0÷10	1 016590001

1662/1 - 1662/2

dial indicator, reading to 0.01 mm

C=dial field

DIN 878

	C mm	
1662/1	0÷5	1 016620001
1662/2	0÷10	1 016620010

1662DGT/A

digital dial indicator, reading to 0.01 mm

C = Dial field

	C mm	
1662DGT/A	0-12,5	1 016620311

1662AN

adjustable stylus dial indicator, reading to 0.01 mm

C=Dial field

DIN 2270

	C mm	
1662AN	0÷0,8	1 016620200

1662SP0

magnetic base

1662SP0	1 016620800

1662SP2

magnetic base, rotating

1662SP2	1 016620910

1666

precision squares made from stainless steel ground and lapped

DIN 875/0

L mm	L1 mm	
100	70	1 016660210
150	100	1 016660215
200	130	1 016660220
250	165	1 016660225
300	200	1 016660230

1666A
flanged precision squares
made from stainless steel ground and lapped

DIN 875/0

L mm	L1 mm		
100	70	1	016660110
150	100	1	016660115
200	130	1	016660120
250	170	1	016660125
300	200	1	016660130

1668
squares
made from normalized, ground steel

DIN 875/2

L mm	L1 mm		
100	70	2	016680210
150	100	2	016680215
200	130	2	016680220
250	165	1	016680225
300	174	1	016680230

1668A
flanged precision squares
made from normalised, ground steel

DIN 875/2

L mm	L1 mm		
100	70	2	016680110
150	100	2	016680115
200	130	2	016680120
250	165	1	016680125
300	176	1	016680130

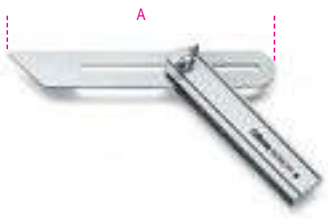
1670
squares
made from ground steel

L mm	L1 mm		
100	70	3	016700010
150	100	3	016700015
200	130	3	016700020
250	160	3	016700025
300	175	3	016700030
400	230	2	016700040
500	280	2	016700050
600	330	2	016700060
800	395	1	016700080
1000	500	1	016700099

1670A
flanged precision squares
made from ground steel

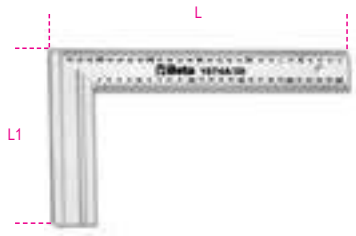
L mm	L1 mm		
100	70	3	016700110
150	100	3	016700115
200	130	3	016700120
250	165	3	016700125
300	175	3	016700130
400	230	2	016700140
500	280	2	016700150
600	330	2	016700160
800	420	1	016700180
1000	500	1	016700199

1672A
mitre square, adjustable, sliding blade, aluminium base, blades made from chrome-plated steel



A mm		
200	3	016720120
300	3	016720130

1674A
carpenter's squares blades made from stainless steel, with aluminium bases, double metric scale

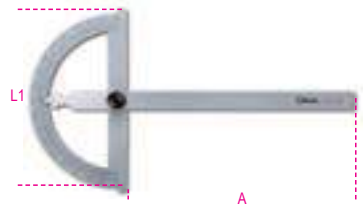


L mm	L1 mm		
300	169	2	016740130

1674C
carpenter's combination squares with steel blades and surface levels
- **Double mm scale**
- **Surface level**

L mm		
300	2	016740230

1676
protractors made from stainless steel

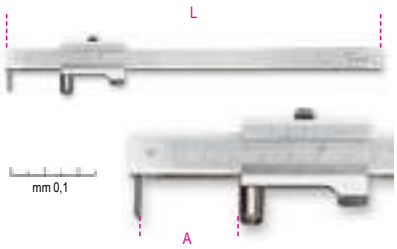


A ~	A mm	L1 mm	G mm		
120	120	80	1°	2	016760012
150	165	120	1°	2	016760015
200	210	150	1°	2	016760020
300	310	200	1°	1	016760030

1678/C3
bevel protractor made from stainless steel

	L Max mm	D mm		
1678/C3	300	70	1	016780030

1679
universal gauge with contact-roll,
made from stainless steel,
reading to 0.1 mm

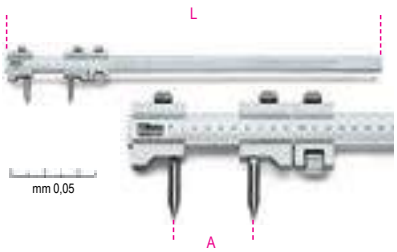


L mm	A Max mm		
235	200	1	016790020

1679/PR
spare tip for universal gauge 1679

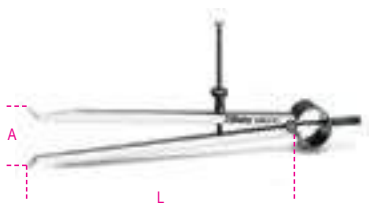
1679/PR	1	016790021

1680
trammels, hardened steel body
and tips



L mm	A Max mm		
660	500	1	016800050

1680A
inside callipers



L mm	A Max mm		
150	144	2	016800115
200	200	2	016800120
250	245	1	016800125
300	300	1	016800130

1680B
outside callipers

L mm	A Max mm		
150	155	2	016800215
200	190	2	016800220
250	235	1	016800225
300	280	1	016800230

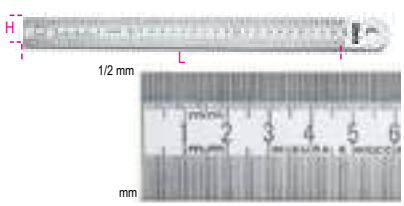
1680C
precision dividers,
hardened steel straight tips

L mm	A Max mm		
150	138	2	016800315
200	190	2	016800320
250	235	1	016800325
300	280	1	016800330

1682
flexible graduated rules
made from stainless steel

L mm	H mm	mm		
150	13	0,5	5	016820015
200	13	0,5	5	016820020
250	13	0,5	5	016820025
300	13	0,5	5	016820030
500	13	0,5	2	016820050
1000	13	0,5	2	016820100

1683
semi-rigid graduated rules
made from stainless steel



L mm	H mm	mm		
300	30	1	5	016830030
500	30	1	2	016830050
1000	30	1	2	016830100
1500	30	1	1	016830150

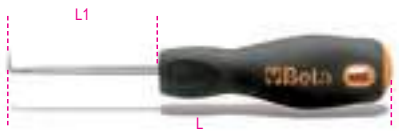
1685/C7
assortment of 7 measuring and marking tools

1685/C7	1	016850110

1650	160 mm
1658/25	0÷25 mm
1670	100 mm
1680C	150 mm
1682	150 mm
1688BC	165 mm
1688BC/R	

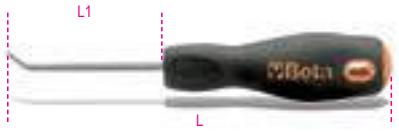
320x210x37 mm - 1,2 kg

1687A
engineer's precision scriber,
tip bent at 90°, with handle



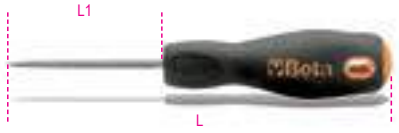
	L mm	L1 mm		
1687A	153	80	1	016870120

1687AC
engineer's precision scriber,
short tip bent at 90°, with handle



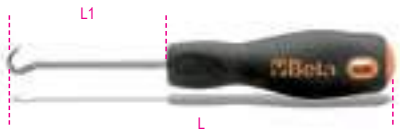
	L mm	L1 mm		
1687AC	153	80	1	016870125

1687D
engineer's precision scriber,
straight tip, with handle



	L mm	L1 mm		
1687D	153	80	1	016870110

1687U
engineer's precision scriber,
hook tip, with handle



	L mm	L1 mm		
1687U	153	80	1	016870115

1687/S4
set of 4 engineer's precision scribers,
with handles

1687/S4	1	016870150
1687A-1687AC		
1687D-1687U		

1688
engineer's scriber
made from hardened steel

	L mm	Ø mm		
1688	250	2	5	016880020

1688A
engineer's scriber
made from hardened steel

	L mm	Ø mm		
1688A	200	4	5	016880120

1688PC
engineer's scriber
made of chrome-plated, hardened steel

	L mm	Ø mm		
1688PC	150	1	1	016880300

1688PC/R
spare tip for item 1688PC

1688PC/R	1	016880310

1688M
carpenter's pencil

	L mm		
1688M	180	50	016880880

1690F
folding ruler made of fibreglass
precision class III

	L m	S mm		
1690F/2	2	17	5	016900220

1690L
folding ruler made of birch
precision class III

	L m	S mm		
1690L/2	2	17	5	016900200

1691BM
measuring tapes
shock-resistant bimaterial ABS casings,
steel tapes,
precision class: II

	L m	S mm		
1691BM/5	5	25	1	016910205
1691BM/8	8	32	1	016910208
1691BM/10	10	32	1	016910210

1691MG
measuring tapes with fixed magnets,
shock-resistant ABS casings,
steel tapes,
precision class: II

	L m	S mm		
1691MG/5	5	25	1	016910405
1691MG/8	8	25	1	016910408
1691MG/10	10	25	1	016910410

1692
measuring tapes,
shock-resistant bi-material ABS casings,
steel tapes,
precision class II

	L m	S mm		
1692/2	2	16	5	016920052
1692/3	3	16	5	016920053
1692/5	5	19	5	016920055
1692/8	8	25	5	016920058

1693

laser distance meter,
20 m

MEASUREMENTS:
- **single distance measurement**
- **continuous measurement or minimal measurement**

Auto off feature
Battery life: up to 4,000 measurements

IP54

Technical Data:
- Measurement range: 0.05 ÷ 20m (0.2ft÷ 66ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Battery life: AAA 2 x 1.5V

	H mm	L mm	S mm		
1693 20	100	36	23	1	016930020

1693L

laser distance meter, multipurpose,
40 m,
with positioning levels

MEASUREMENTS:
- **single distance measurement**
- **continuous measurement or minimal measurement**

FUNCTIONS:
- **addition/subtraction**
- **area measurement**
- **volume measurement**
- **variable indirect measurement (Pythagorean measurement)**
- **tilt measurement**

auto power off
battery life: up to 5,000 measurements
soft cloth case (included)

IP54

Technical data:
- Measurement range: 0.05 ÷ 40 m (0.2in ÷ 131f)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

	H mm	L mm	S mm		
1693L 40	115	50	25	1	016930040

1693M

laser distance meter, multipurpose,
80 m

MEASUREMENTS:
- **single distance measurement**
- **continuous measurement or minimal measurement**

FUNCTIONS:
- **addition/subtraction**
- **area measurement**
- **volume measurement**
- **indirect measurement (Pythagorean measurement)**
- **tilt measurement**

Auto off feature
Soft cloth case (included)
Battery life: up to 4,000 measurements

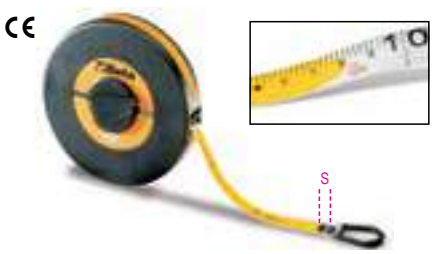
IP54

Technical data:
- Measurement range: 0.05 ÷ 80 m (0.2 in ÷ 229f)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

	H mm	L mm	S mm		
1693M 80	115	48	29	1	016930080

1694/L

measuring tapes shock-resistant
ABS casings, PVC-coated fibreglass tapes,
precision class III



	L m	S mm		
1694L10	10	13	1	016940110
1694L20	20	13	1	016940120

1694A/L

measuring tapes with handles,
shock-resistant ABS casings,
PVC-coated fibreglass tapes,
precision class III

	L m	S mm		
1694A/L30	30	13	1	016940230
1694A/L50	50	13	1	016940250

1694B/L

measuring tape with handle,
aluminium casing, varnished steel tape,
precision class II

	L m	S mm		
1694B/L50	50	12,5	1	016940350

1695XS

pocket spirit level with magnetic V-shaped base
made from profiled aluminium
2 unbreakable vials
accuracy: 1mm/m

L mm	H mm	S mm		
70	48,5	20	5	016950250

1696

spirit levels made from anodized profile aluminium, with 2 unbreakable vials, accuracy: 1 mm/m

L mm	H mm	S mm		
200	50	19	2	016960002
400	50	19	2	016960004
500	50	19	2	016960005
600	50	19	2	016960006
800	50	19	2	016960008
1000	50	19	2	016960010

1696A

spirit levels made from die-cast aluminium, with 1 ground base and 2 unbreakable vials, accuracy: 1 mm/m

L mm	H mm	S mm		
300	43	23	2	016960103
400	43	23	2	016960104
500	43	23	2	016960105
600	43	23	2	016960106
1000	43	23	1	016960110

1696B

spirit levels with magnetic bases made from anodized profiled aluminium, 2 unbreakable vials accuracy: 1 mm/m

L mm	H mm	S mm		
200	49	22	2	016960202
300	49	22	2	016960203
400	49	22	2	016960204
500	49	22	2	016960205
600	49	22	2	016960206

1696D

spirit levels made of die-cast aluminium with handles,
4 ground bases and 3 unbreakable vials, accuracy: 1 mm/m

L mm	H mm	S mm		
300	47	25	2	016960353
400	47	25	2	016960354
500	47	25	2	016960355
600	47	25	2	016960356

1696S

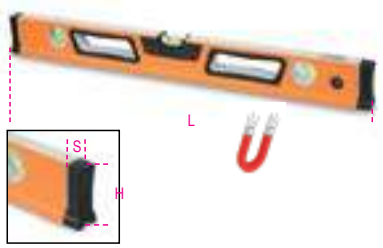
levelling staffs made from aluminium, with 2 unbreakable vials

L mm	H mm	S mm		
1500	90	25	1	016960415
2000	90	25	1	016960420
2500	90	25	1	016960425
3000	90	25	1	016960430

1696T

spirit levels with magnetic base, made from profiled aluminium, with 3 unbreakable vials

- **V-profiled base**
- **precision: 0.5 mm/m**
- **complete with vertical reading window**



L mm	H mm	S mm		
600	66	28	2	016960506
800	66	28	2	016960508
1000	66	28	1	016960510
1200	66	28	1	016960512

1697

cross laser level,
30 metres, green beam,
with magnetic base and wall-mount bracket,
in case

TECHNICAL SPECIFICATIONS:
- **self-levelling cross**
- **self-levelling function can be switched off for manual use**
- **laser diode 515 Nm, class 2**
- **working range: 30 m**
- **accuracy: ± 1 mm at 5 m**
- **self-levelling range: 3° ± 0.5°**

- **body made of ABS and nonslip rubber**
- **1/4" female drive**
- **2xAA batteries**
- **battery life: 4 hours**

BASE:
- **1 magnetic base for individual and combined use, 1/4" male drive**
- **1 adjustable tightening bracket for several wood and metal profiles (for use in combination with magnetic base)**
- **quick horizontal and vertical alignment at a 90° angle**

CE IP55

H mm	L mm	S mm		
82	57	89,5	1	016970030

320x230x90 mm

1699L

precision surface level made from die-cast iron with ground prismatic base, 2 unbreakable vials, accuracy: 0.05 mm/m

DIN 877

	L mm	A mm		
1699L	200	49	1	016990002

1699L/1

precision surface level made from die-cast iron with ground prismatic base, 2 unbreakable vials, accuracy: 0.02 mm/m

DIN 877

	L mm	A mm		
1699L/1	200	49	1	016990005

1699Q
precision square levels made from die-cast iron with 2 prismatic bases and 2 ground flat bases, 2 unbreakable vials, accuracy: 0.05 mm/m

DIN 877

L mm	A mm		
150	40	1	016990015
200	48	1	016990020

1700N
masonry points

L mm	S mm		
250	16	5	017000005
300	16	5	017000006

1700N/PM
masonry points with hand guards

L mm	S mm		
250	16	2	017000105
300	16	2	017000106

1701N
masonry chisels

L mm	A mm	S mm		
250	23	16	5	017010001
300	23	16	5	017010003

1701N/PM
masonry chisels with hand guards

L mm	A mm	S mm		
300	23	16	2	017010103

1701PMR
hand guards for items 1700N and 1701N

D mm	L mm		
16	115	1	017010206

1701NE/...
electrician's chisels

	SxL mm		
1701NE3	10x200	5	017010406
1701NE4	10x250	5	017010409

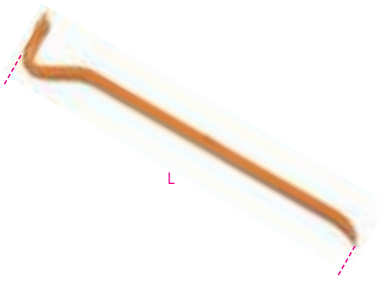
1702N
extra-wide chisels

A mm	SxH mm		
50	13x23	2	017020005
70	13x23	2	017020007

1702PMR
hand guard for item 1702N

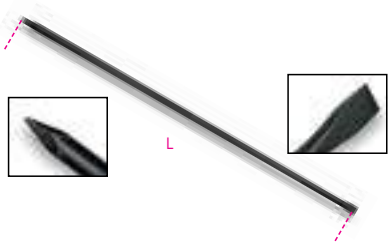
L mm		
115	1	017020200

1704
carpenter's wrenching bars, with bent edges



L mm				
500	16	35	28	2 017040050
600	16	34	26	2 017040060
800	18	38	29	2 017040080

1704A
crow bars with hardened and tempered open and pointed edges



L mm	Ø			
1500	25	45	1	017040110
2000	25	55	1	017040120

1704C
crow bars with closed and pointed edges

L mm				
1200	21-31	39	1	017040210
1400	31-37	42	1	017040212
1600	25-37	42	1	017040215

1705
chalk line reel made from aluminium

L m		
30	4	017050001

1705PT
chalk powder

- container with dispenser
- blue

g		
250	5	017050025

1706DGT
digital depth gauge for tyre threads

1706DGT	1	017060011

1707
screw pitch gauge

For ISO 60° metric and Whitworth 55° threads

P (ISO)	W		
0,25÷6	62÷4x1"	5	017070001

1707A/1 - 2 - 3
radius gauges,
concave and convex steel blades

	R mm	L mm	n		
1707A/1	1,0÷7,0	70	34	2	017070007
1707A/2	7,5÷15	85	32	2	017070015
1707A/3	15,5÷25	85	30	2	017070025

1708/8 - 13 - 20
metric feeler gauges

1708/8 S = 0,05÷0,50 mm	5	017080008
1708/13 S = 0,05÷1,00 mm	5	017080013
1708/20 S = 0,05÷1,00 mm	5	017080020

1709/10 - 1709/18
nut splitters

	L mm	A max mm		
1709/10	82,5	17 (M10)	1	017090010
1709/18	107,8	24 (M16)	1	017090018

1710
hydraulic nut splitters

A min mm	A max mm		
7(M4)	22(M14)	1	017100001

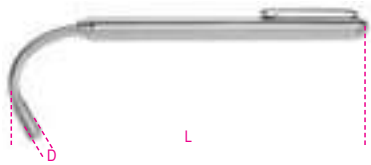
1712E/1 - 2 - 3
flexible magnetic pick-up tools

F = magnetic force

	L mm	D mm	F kg		
1712E/1	420	7,5	0,5	2	017120021
1712E/2	530	15	1,8	2	017120022
1712E/3	532	19	3,0	2	017120023

1712TFS
telescopic magnet with flexible head

F= magnetic force



L mm	D mm	F kg		
135÷570	5	0,4	1	017120595

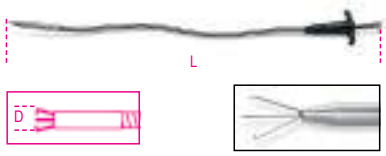
1712TF
telescopic magnet with flexible head

- **With washer jet cleaner**

F= magnetic force

L mm	D mm	F kg		
150÷590	11	1	1	017120600

1713M
flexible pickup tools



L mm	D mm		
500	7	2	017130011
1000	7	1	017130015

1713M/K7
kit of 7 inspection tools
for parts with 1/4" hexagon drive

kit contents:
- **1 telescopic handle, length 185-660 mm**
- **1 rectangular inspection mirror, 65x43 mm**
- **1 round inspection mirror, Ø 52 mm**
- **1 magnet, Ø 16.3 mm**
- **1 ultra-bright LED light**
- **1 flexible pickup tool (item 1713M)**
- **1 magnetic tote tray made from stainless steel**
- **3 LR44 cell batteries**

1713M/K7	1	017130100

297x165x52 mm - 0,8 kg

1715
telescopic joint inspection mirror
chrome-plated metal body

	L mm	D mm		
1715	180÷540	30	1	017150001

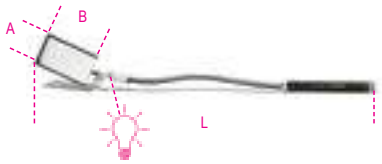
1715FL/A
square flexible inspection mirror

	L mm	A mm	B mm		
1715FL/A	600	53	90	1	017150110

1715R/FL
kit of 2 inspection mirrors for items 1715FL/A and 1715FL/B

1715R/FL	1	017150151

1715FL/B
rectangular flexible inspection mirror with light



	L mm	A mm	B mm		
1715FL/B	553	53	90	1	017150115

1715B/R5L
kit of 5 spare light bulbs for item 1715FL/B

1715B/R5L	1	017150152

1715I
telescopic joint inspection mirror with 5x magnification function

- **Nonslip PVC handle**
- **Inspection mirror and handle made from stainless steel**

	L mm	D mm		
1715I	250÷720	55	1	017150020

1716A
angled bit for general use

	L mm	L1 mm	■ mm		
1716A	240	125	6	3	017160040

1716P
packing scraper

	L mm	L1 mm	● mm		
1716P	250	125	6	3	017160020

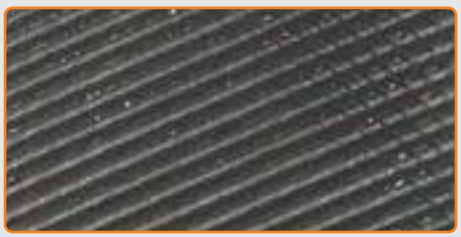
1716R
round bit reamer

	L mm	L1 mm	D mm		
1716R	215	100	6	5	017160001

1716U
hook bit for general use

	L mm	L1 mm	D mm		
1716U	195	80	6	3	017160025

CUTS OF ENGINEER'S FILES

Rough


Second-cut

Smooth

1718D...Q
rough square files, without handles

Q ■

	L mm	L "		
1718D6/Q	150	6	5	017180121
1718D8/Q	200	8	5	017180131
1718D10/Q	250	10	5	017180141

1718A...Q
second-cut square files, without handles

Q ■

	L mm	L "		
1718A6/Q	150	6	5	017180021
1718A8/Q	200	8	5	017180031
1718A10/Q	250	10	5	017180041

1718D...T
rough triangular files, without handles

T ▲

	L mm	L "		
1718D6/T	150	6	5	017180123
1718D8/T	200	8	5	017180133
1718D10/T	250	10	5	017180143

1718A...T
second-cut triangular files, without handles

T ▲

	L mm	L "		
1718A6/T	150	6	5	017180023
1718A8/T	200	8	5	017180033
1718A10/T	250	10	5	017180043

1718D...P
rough flat files, without handles

P ▮

	L mm	L "		
1718D6/P	150	6	5	017180125
1718D8/P	200	8	5	017180135
1718D10/P	250	10	5	017180145

1718A...P
second-cut flat files, without handles

P ▮

	L mm	L "		
1718A6/P	150	6	5	017180025
1718A8/P	200	8	5	017180035
1718A10/P	250	10	5	017180045

1718D...M
rough half-round files, without handles

M ◗

	L mm	L "		
1718D6/M	150	6	5	017180127
1718D8/M	200	8	5	017180137
1718D10/M	250	10	5	017180147

1718A...M
rough half-round files, without handles

M ◗

	L mm	L "		
1718A6/M	150	6	5	017180027
1718A8/M	200	8	5	017180037
1718A10/M	250	10	5	017180047

1718D...R
rough round files, without handles

	L mm	L "		
1718D6/R	150	6	5	017180129
1718D8/R	200	8	5	017180139
1718D10/R	250	10	5	017180149

1718A...R
second-cut round files, without handles

	L mm	L "		
1718A6/R	150	6	5	017180029
1718A8/R	200	8	5	017180039
1718A10/R	250	10	5	017180049

1718D...S5
set of 5 rough files, without handles

	L mm	L "		
1718D6/S5	150	6	1	017180130
1718D8/S5	200	8	1	017180140
1718D10/S5	250	10	1	017180150

1718A...S5
set of 5 second-cut files, without handles

	L mm	L "		
1718A6/S5	150	6	1	017180030
1718A8/S5	200	8	1	017180040
1718A10/S5	250	10	1	017180050

1719BMD...Q
rough square files, with handles

	L mm	L "		
1719BMD6/Q	150	6	5	017190191
1719BMD8/Q	200	8	5	017190221
1719BMD10/Q	250	10	5	017190241
1719BMD12/Q	300	12	3	017190325

1719BMA...Q
second-cut square files, with handles

	L mm	L "		
1719BMA6/Q	150	6	5	017190021
1719BMA8/Q	200	8	5	017190052
1719BMA10/Q	250	10	5	017190071
1719BMA12/Q	300	12	3	017190311

1719BMX...Q
smooth square files, with handles

	L mm	L "		
1719BMX6/Q	150	6	5	017190022
1719BMX8/Q	200	8	5	017190053
1719BMX10/Q	250	10	5	017190072

1719BMD...T
rough triangular files, with handles

	L mm	L "		
1719BMD6/T	150	6	5	017190193
1719BMD8/T	200	8	5	017190223
1719BMD10/T	250	10	5	017190243
1719BMD12/T	300	12	3	017190326

1719BMA...T
second-cut triangular files, with handles

	L mm	L "		
1719BMA6/T	150	6	5	017190023
1719BMA8/T	200	8	5	017190054
1719BMA10/T	250	10	5	017190073
1719BMA12/T	300	12	3	017190313

1719BMX...T
smooth triangular files, with handles

	L mm	L "		
1719BMX6/T	150	6	5	017190024
1719BMX8/T	200	8	5	017190055
1719BMX10/T	250	10	5	017190074

1719BMD...P
rough flat files, with handles

	L mm	L "		
1719BMD6/P	150	6	5	017190195
1719BMD8/P	200	8	5	017190225
1719BMD10/P	250	10	5	017190245
1719BMD12/P	300	12	3	017190327

1719BMA...P
second-cut flat files, with handles

	L mm	L "		
1719BMA6/P	150	6	5	017190025
1719BMA8/P	200	8	5	017190056
1719BMA10/P	250	10	5	017190075
1719BMA12/P	300	12	3	017190315

1719BMX...P
smooth flat files, with handles

	L mm	L "		
1719BMX6/P	150	6	5	017190026
1719BMX8/P	200	8	5	017190057
1719BMX10/P	250	10	5	017190076

1719BMD...M
rough half-round files, with handles

	L mm	L "		
1719BMD6/M	150	6	5	017190197
1719BMD8/M	200	8	5	017190227
1719BMD10/M	250	10	5	017190247
1719BMD12/M	300	12	3	017190328

1719BMA...M
second-cut half-round files, with handles

	L mm	L "		
1719BMA6/M	150	6	5	017190027
1719BMA8/M	200	8	5	017190058
1719BMA10/M	250	10	5	017190077
1719BMA12/M	300	12	3	017190317

1719BMX...M
smooth half-round files, with handles

	L mm	L "		
1719BMX6/M	150	6	5	017190028
1719BMX8/M	200	8	5	017190059
1719BMX10/M	250	10	5	017190078

1719BMD...R
rough round files, with handles

	L mm	L "		
1719BMD6/R	150	6	5	017190199
1719BMD8/R	200	8	5	017190229
1719BMD10/R	250	10	5	017190249
1719BMD12/R	300	12	3	017190329

1719BMA...R
second-cut round files, with handles

	L mm	L "		
1719BMA6/R	150	6	5	017190029
1719BMA8/R	200	8	5	017190060
1719BMA10/R	250	10	5	017190079
1719BMA12/R	300	12	3	017190319

1719BMX...R
smooth round files, with handles

	L mm	L "		
1719BMX6/R	150	6	5	017190031
1719BMX8/R	200	8	5	017190061
1719BMX10/R	250	10	5	017190081

1719BMA...B5
set of 5 second-cut files, with handles, in wallet

	L mm	L "		
1719BMA8/B5	200	8	1	017190297
1719BMA10/B5	250	10	1	017190298

1719BMD...B5
set of 5 rough files, with handles, in wallet

	L mm	L "		
1719BMD8/B5	200	8	1	017190303
1719BMD10/B5	250	10	1	017190305

1719BMD...S5
set of 5 rough files, with handles

	L mm	L "		
1719BMD6/S5	150	6	1	017190200
1719BMD8/S5	200	8	1	017190230
1719BMD10/S5	250	10	1	017190250
1719BMD12/S5	300	12	1	017190363

1719BMA...S5
set of 5 second-cut files, with handles

	L mm	L "		
1719BMA6/S5	150	6	1	017190030
1719BMA8/S5	200	8	1	017190070
1719BMA10/S5	250	10	1	017190080
1719BMA12/S5	300	12	1	017190361

1719BMX...S5
set of 5 smooth files, with handles

	L mm	L "		
1719BMX6/S5	150	6	1	017190032
1719BMX8/S5	200	8	1	017190069
1719BMX10/S5	250	10	1	017190082

1719BMB/P
universal cut flat files, plastic handles

	L mm	L "		
1719BMB/P 250	250	10	5	017190152
1719BMB/P 300	300	12	5	017190153

1719BMC
half-round and flat files, plastic handles

UNI 5569 - UNI 5568

	L mm	L "		
1719BMC/M 250	250	10	6	017190252
1719BMC/M 300	300	12	4	017190253
1719BMC/P 250	250	10	6	017190262
1719BMC/P 300	300	12	4	017190263

1719BM/RL
flat rasp/file
1 second-cut rasp side,
1 rough file side
plastic handle

	L mm	L "		
1719BM/RL	200	8	5	017190360

1719BM/RR
round rasp, plastic handle

	L mm	L "		
1719BM/RR	200	8	5	017190351

1719BM/RG
half-round cabinet rasp, plastic handle

	L mm	L "		
1719BM/RG	200	8	5	017190353

1719BM/RP
flat rasp,
plastic handle

	L mm	L "		
1719BM/RP	200	8	5	017190352

1719BMR/B3
set of 3 second-cut rasps,
with handles,
in hanging wallet

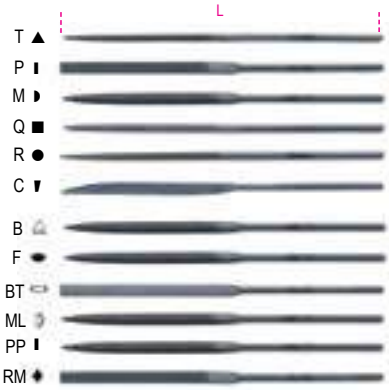
	L mm	L "		
1719BMR/B3	200	8	1	017190358

1719BMR
handles for files

	L mm	A mm		
1719BMR/0	95	25	10	017190950
1719BMR/0B	110	29	10	017190955
1719BMR/1	110	29	10	017190951
1719BMR/1B	110	29	10	017190953
1719BMR/2	123	31	10	017190952
1719BMR/2B	123	31	10	017190954

	mm	"	
1719BMR/0	100/150	4/6	▲▮◗
1719BMR/0B	100/150	6/8	■●
1719BMR/1	150/200	6/8	▲▮◗
1719BMR/1B	150/200	6/8	■●
1719BMR/2	250/300	10/12	▲▮◗
1719BMR/2B	250/300	10/12	■●

1720/...
second cut needle files,
shaft Ø 3 mm



UNI 5569 UNI 5670

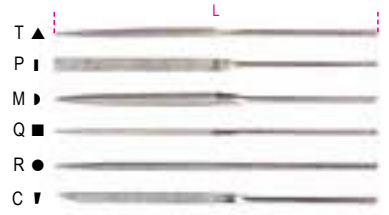
	L mm		
1720T	160	5	017200004
1720P	160	5	017200006
1720M	160	5	017200008
1720Q	160	5	017200009
1720R	160	5	017200010
1720C	160	5	017200012
1720B	160	5	017200005
1720ML	160	5	017200007
1720BT	160	5	017200011
1720F	160	5	017200013
1720PP	160	5	017200014
1720RM	160	5	017200015

1720/S3	1	017200000

1720/B
set of 6 needle files in plastic wallet

1720/B6	1	017200002
1720/B12	1	017200003

1720D/...
diamond needle files
grit D126



	L mm		
1720D/T	160	2	017200104
1720D/P	160	2	017200106
1720D/M	160	2	017200108
1720D/Q	160	2	017200109
1720D/R	160	2	017200110
1720D/C	160	2	017200112

1720D/B6	1	017200120

1721/B6
set of 6 files for ignition contacts
in plastic wallet

1721/B6	1	017210010

1723
spring puller

	L mm		
1723	210	5	017230001

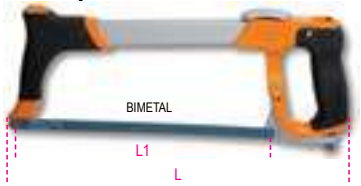
1725
hacksaw frame

	L mm	L1 mm		
1725	420	300	4	017250001

1725CR
mini hacksaw frame

	L mm	L1 mm		
1725CR	250	150	5	017250010

1726BM
hacksaw frame with quick release blade
attachment system

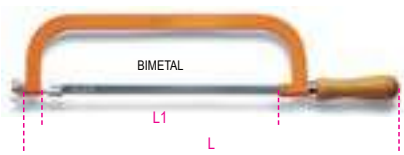


	L mm	L1 mm		
1726BM	400	300	1	017260050

1726N
coated hacksaw frame, blade attachment system in handle

	L mm	L1 mm		
1726N	400	300	2	017260040

1727
hacksaw frame, heavy series

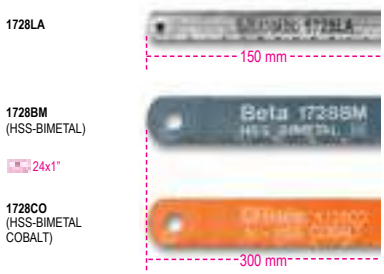


	L mm	L1 mm		
1727	515	300	4	017270001

1727BM
hacksaw frame, one hand grip

	L mm	L1 mm		
1727BM	315	300	5	017270020

1728...
blades for hacksaw frames



1728LA 1725CR 1725MQ		100	017280001
1728BM 1725-1726 1727-1727M		100	017280010
1728CO 1725-1726 1727-1727M		50	017280030

1729CG
plasterboard saw

	L mm	L1 mm		
1729CG	310	160	2	017290200

1729DM 450
wood rip saw

medium toothing, 12 teeth/inch

	L mm	L1 mm		
1729DM 450	450	400	4	017290450

1729J
Japanese saw, tensile shear

17 teeth per inch

	L mm	L1 mm		
1729J	405	235	4	017290400

1729MF
multi-purpose saw

Kit contents:
- **24 TPI metal blade**
- **6 TPI plasterboard blade**
- **double 11 TPI plastic and 16 TPI wood blade**

1729MF	1	017290500

1729MF/CG
5 6 TPI plasterboard blades for multi-purpose saw 1729MF

1729MF/CG	4	017290502

1729MF/J
2 double 16 TPI wood and 11 TPI plastic blades for multi-purpose saw 1729MF

1729MF/J	4	017290501

1729MF/M
5 24 TPI metal blades for multi-purpose saw 1729MF

1729MF/M	4	017290503

1730
universal spatulas, with stainless steel blades and handles

S mm	L mm	L1 mm		
38	210	85	2	017300038
63	220	95	2	017300063
75	220	95	2	017300075

1736A
file brush
stainless steel wires, wire Ø: 0.5 mm

	L mm		
1736A	240	10	017360010

1737
brush, corrugated brass wires, wire Ø: 0.2 mm

	L mm		
1737	145	10	017370001

1737NX

brake shoe cleaning brush, brassed steel wires,
wire Ø: 0.3 mm

	L mm		
1737NX	270	5	017370010

1737AC

steel wire brush,
5 rows,
wire Ø: 0.3 mm

	L mm		
1737AC	275	5	017370020

1737B

pairs of vehicle battery lug and post cleaner steel brushes,
steel wire
wire Ø: 0.3 mm

1737B	1	017370050

1738

bristle brush

	L mm	H mm		
1738	210	30	10	017380001

1740AN

heavy-duty riveting pliers,
supplied with 5 interchangeable nozzles

- **complete with rivet tank**

Ø mm	3,2	4	4,8	5	6	6,4
aluminium	•	•	•	•	•	•
stainless steel	•	•	•	•		

	L mm		
1740AN	530	1	017400103

1740B

compact heavy-duty riveting pliers,
supplied with 5 interchangeable nozzles

Features:
- **Ultracompact, extremely sturdy**
- **3 jaws: improved rivet grip**
- **Safety nail container included**

Ø mm	2,4	3	3,2	3,2	4,8
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

	L mm		
1740B 280	280	1	017400280

Ø mm	2,4	3,2	4,0	4,8	6,4
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

	L mm		
1740B 330	330	1	017400330

1741

riveting pliers made from light alloy

supplied with 4 interchangeable nozzles

Ø mm	2,4	3,2	4	4,8	5
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•		

1741	1	017410003

1741/C5

riveting pliers item 1741 with assortment of 700 aluminium rivets

1741/C5	1	017410035

	Ø mm	L mm	n.
1741RV2,9K	3,0	6	200
1741RV3,2K	3,2	8	200
1741RV3,8K	4,0	10	100
1741RV4K	4,0	12	100
1741RV4,8K	4,8	12	100

420x160x60 mm - 3150 g

1741P

heavy-duty riveting pliers

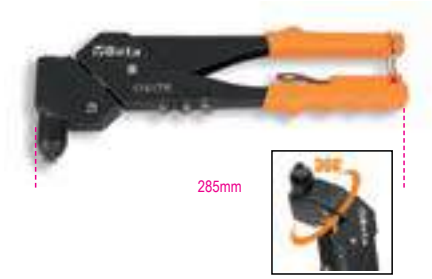
supplied with 4 interchangeable nozzles

Ø mm	2,4	3,2	4	4,8	5
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

1741P	1	017410303

1741TR
riveting pliers with rotating head

supplied with 4 interchangeable nozzles



Ø mm	2,4	3	3,2	4	4,8
aluminium	•	•	•	•	•
steel	•	•	•	•	
stainless steel	•	•	•	•	

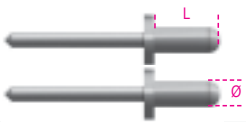
1741TR	1	017410410

1741U
ultra compact riveting pliers with adjustable force
with 4 interchangeable nozzles
3 legs: enhanced rivet hold

Ø mm	2,4	3	3,2	4	4,8
aluminium	•	•	•	•	•
steel	•	•	•	•	
stainless steel	•	•	•	•	

1741U	1	017410450

1741RV...K
aluminium rivets



1741RV 2,9K ØxL = 3x6 mm	1	017410191
1741RV 3,2K ØxL = 3,2x8 mm	1	017410192
1741RV 3,8K ØxL = 4x10 mm	1	017410193
1741RV 4K ØxL = 4x12 mm	1	017410194
1741RV 4,8K ØxL = 4,8x12 mm	1	017410195

1742N
riveting pliers for threaded inserts, supplied with 4 interchangeable heads and 4 pins (1x M3;M4;M5;M6)

1742N	1	017420002

	Ø mm	L mm
3	5	11
4	6	11
5	7	13
6	9	17

1742N/KR
kit of 4 spare pins for item 1742N

M3	1	017420063
M4	1	017420064
M5	1	017420065
M6	1	017420066

1742R-AL/M...
aluminium threaded rivets for items 1742-1742A-1946KF

1742R-AL M3 ØxL = 5x9 mm M = 3	1	017420023
1742R-AL M4 ØxL = 6x11 mm M = 4	1	017420024
1742R-AL M5 ØxL = 7x13 mm M = 5	1	017420025
1742R-AL M6 ØxL = 9x15 mm M = 6	1	017420026

1742R-A/M...
steel threaded rivets for items 1742-1742A-1946KF

1742R-A M3 ØxL = 5x9 mm M = 3	1	017420013
1742R-A M4 ØxL = 6x11 mm M = 4	1	017420014
1742R-A M5 ØxL = 7x13 mm M = 5	1	017420015
1742R-A M6 ØxL = 9x15 mm M = 6	1	017420016
• **1742R-A M8** ØxL=11x18 mm M=8	1	017420018
• **1742R-A M10** ØxL=12,8x21 mm M=10	1	017420020
• **1742R-A M12** ØxL=14,8x22 mm M=12	1	017420022

1742N/C4
riveting pliers 1742N with assortment of 400 steel threaded inserts

1742N/C4	1	017420006

	M	Ø mm	n.
1742R-A/M3	3	5	100
1742R-A/M4	4	6	100
1742R-A/M5	5	7	100
1742R-A/M6	6	9	100

415x155x60 mm - 2,9 kg

1742AN
heavy-duty riveting pliers for threaded inserts, supplied with 7 interchangeable nozzles

1742AN	1	017420101

M	Ø mm	L mm
3	5	13
4	6	13
5	7	13
6	9	17
8	11	17
10	13	24
12	15	24

1742AN/KR
kit of 4 spare pins for item 1742AN

1742AN/KR M3	M3	1 017420153
1742AN/KR M4	M4	1 017420154
1742AN/KR M5	M5	1 017420155
1742AN/KR M6	M6	1 017420156
1742AN/KR M8	M8	1 017420158
1742AN/KR M10	M10	1 017420160
1742AN/KR M12	M12	1 017420162

1742AN/C
heavy-duty riveting pliers 1742AN with assortment of 80 steel threaded inserts

1742AN/C	1 017420106

	M	Ø mm	n.
1742R-A/M3	3	5	5
1742R-A/M4	4	6	10
1742R-A/M5	5	7	20
1742R-A/M6	6	9	20
1742R-A/M8	8	11	10
1742R-A/M10	10	13	10
1742R-A/M12	12	15	5

420x240x80 mm - 2,5 kg

1749
bonding gun varnished metal sheet

	L min mm	
1749	340	2 017490001

1749A
bonding gun, professional model aluminium tube

	L min mm	
1749A	360	1 017490010

1749A/RB
spare spouts for item 1749A

1749A/RB	1 017490051

1749A/RT
front screw plugs for item 1749A

1749A/RT	1 017490052

1749AC
high thrust gun for chemical binders

	L min mm	
1749AC	360	1 017490005

1750
lever operated grease guns

Can be used with cartridges 1750CG or loose grease

1 g, 550 bar Max

1750 500	1	017500500
1750 750	1	017500750

1750R/1 - 1750R/2
spare flexible hose made from nylon

	L mm		
1750R/1	310	2	017500030
1750R/2	410	2	017500040

1750RC
curved rigid hose

	L mm	M mm		
1750RC	150	10x1	2	017500050

1750RT
4-jaw grease fitting “Hydraulic” type

	M mm		
1750RT	10x1	5	017500110

1750RP/1 - 1750RP/2
heads for flat nozzles

	Ø mm	M mm		
1750RP/1	16	10x1	2	017500115
1750RP/2	22	10x1	2	017500120

1750PF
universal grease cartridges for item 1750

- **Operating temperature: -20 °C ÷ +130 °C**

	g		
400	18	017500141
550	18	017500161

1750KG10

lever-operated grease gun, 10 kg, with high-pressure hose, 2 m

complete with swivel fitting, to avoid choking hose
die-cast aluminium pump body with check valve

3 different pressure levels available:
-4 g at 275 bar
-7 g at 206 bar
-9 g at 137 bar

1750KG10	1	017500100

1750TA

high-pressure, self-locking 6-pin grease nozzle

Once positioned, it remains on axis and connected to nipple; it does not have to be held like common nozzles
Easy to disconnect, even when with pressurized nozzle
Thread M10x1: suitable for all types of grease guns: electric, pneumatic, manual etc.
Deformation-free up to 550 bar

1750TA	1	017500111

1750TLA

high-pressure, self-locking 6-pin grease nozzle, long version

· Once positioned, it remains on axis and connected to nipple
· Easy to disconnect, even with pressurized nozzle
· Thread M10x1: suitable for all types of grease guns: electric, pneumatic, manual etc.
· Deformation-free up to 550 bar

1750TLA	1	017500112

1750M

mini grease gun

- **With micro nozzle**
- **Particularly suitable for pneumatic tools**

	cc	D mm	L mm		
1750M	100	43	145	1	017500025

1750M3

mini grease gun, with 3 nozzles

- **fitted with three interchangeable nozzles: 0.7 - 1.0 - 1.4 mm**
- **particularly suitable for lubricating pneumatic tools**
- **can be used with loose grease**
- **suitable for use of grease up to grade NLGI 2**

	cc	Ø mm	L mm		
1750M3	85	42	160	1	017500003

1751N

metal pressure oil cans, flexible spouts

	cc	D mm	L mm		
200		62	140	4	017510020
300		75	140	4	017510030
500		85	140	4	017510050
700		100	140	2	017510075
1000		100	140	2	017510100

1752

plastic pressure cans, rigid spouts

	cc	D mm	L mm		
200		67	140	4	017520002
300		77	140	4	017520003
500		95	140	4	017520005

1754

plastic pressure oil cans flexible plastic spouts

	cc	D mm	L mm		
150		60	130	5	017540015
250		65	130	5	017540025

1755C

plastic oil cans, curved spouts

	cc	L mm	A mm		
125		110	46	5	017550112
250		110	60	5	017550125
500		110	74	4	017550150

1755P

plastic oil cans

	cc	L mm	A mm		
1755P/K3 50	50	35	55	1	017550050
1755P/K3 80	80	35	45	1	017550080

1756
pen oiler

suitable for use with mineral oils

cc	L mm		
5	140	2	017560001

1756B
pen oiler

- **with non-slip knurl**
- **operating temperature: -10 °C - +60 °C**
- **minimum density of SAE 10 oil**

cc	L mm		
500	280	2	017560220

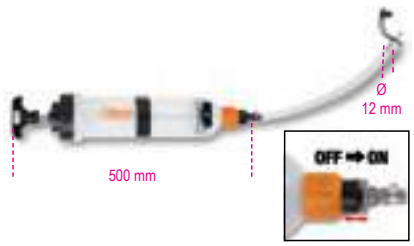
1756V
Oil suction gun, 200 ml, made from polypropylene

- **for transferring oil and brake fluid**
- **operating temperature: +0 °C ÷ +50 °C**
- **not suitable for fuel and flammable liquids**
- **usable minimum oil density: lower than SAE30**

1756V	1	017560504

1756D
suction gun, 1500 ml, made of polypropylene

- **Double NBR gasket**
- **Operating temperature: +0 - +50 °C**
- **NOT suitable for fuel**



1756D	1	017560515

1756E
siphon syringe, compatible with petrol

1756E	1	017560610

1756G
diesel oil gun capacity: 1.5 l

Can be used to:
- **fill diesel oil filters**
- **fill Cerina tank**

Kit contents:
- 2 pipes with female quick couplings for connecting diesel oil pipes
- 2 male quick couplings, made of metal
- 1 cone-shaped adapter for rubber pipes

1756G	1	017560615

1756V-2OR
O-rings (pair) for suction guns 1756V

1756V-2OR	1	017560505

1756D-2OR
O-rings (pair) for suction guns 1756D

1756D-2OR	1	017560516

1757
battery fillers

cc	D mm		
250	60	4	017570002
500	75	4	017570004
1000	90	2	017570006

1757A
battery filler

cc		
2000	1	017570020

1758
self-adapting funnel

particularly useful for cars with no depth in inlet plugs

1758	1	017580020

1758ADB-45°
non-return funnel for AdBlue®, with 45° coupling

	I Max		
1758 ADB-45	1	1	017580060

1758B

non-return funnel
with quick couplings

Particularly suitable for VAG cars

1758B	1	017580030

1758B-1,6

non-return funnel, 1600 ml,
with quick couplings

quick couplings for VAG group vehicles

	H1 mm	H2 mm	Ø mm		
1758B-1,6	125	100	155	1	017580033

1758B-RNT

non-return quick coupling
for funnel item 1758B - 1758B-1,6

for Renault 1.5 dCi engine

1758B-RNT	1	017580035

1758B/K5

kit of non-return quick coupling adapters,
for funnel 1758B - 1758B-1,6

Kit contents:
- **1 adapter for 1.5 dCi Renault, Dacia, Nissan engines**
- **1 adapter for 1.5/1.6 dCi Renault, Dacia, Nissan engines**
- **1 adapter for 3.0 BMW diesel engines**
- **1 adapter for 1.5/2.0 petrol engines, VAG group**
- **1 connecting adapter for funnel, with tap**

1758B/K5	1	017580040

1758RD

coolant funnel with quick couplings

H mm	Ø mm		
248	172	1	017580070

1758S

wall-mounted support for funnels 1758 and
quick couplings

1758S	1	017580080

1758LG

formable, rubber-covered aluminium foil,
for canalizing liquids

L mm	H mm		
365	168	1	017580006

1758M

funnel

	L mm		
1758M	350	1	017580000

1758R

liquid containers

Convenient, removable, flexible spout

	lt		
1758R 1	1	1	017580201
1758R 2	2	1	017580202
1758R 3	3	1	017580203
1758R 5	5	1	017580205

1758VT

cylinder head testing kit

Quickly indicates whether expansion tank contains any carbon dioxide.

1758VT	1	017580100

290x190x50 mm - 1kg

1758VT/L

contrast liquid for testing cylinder heads

1758VT/L	1	017580101

1759

optical analyzer for coolant, battery, windscreen and AdBlue® fluids
Supplied in a hard case

Automatic temperature compensation
Battery acid: measurement range:
1.1÷1.3 kg/l
Propylene coolant: -25 °C ÷ -50 °C
Ethylene coolant: -25 °C ÷ -50 °C
Windscreen fluid: -25 °C ÷ -40 °C
AdBlue: Urea percent measurement: 30% ÷ 45%

1759	1	017590251

1759A

antifreeze densimeter, glass body

	L mm		
1759A	340	1	017590001

1759B

acid densimeter, glass body

	L mm		
1759B	280	1	017590005

1759HD/3

cooling system seal testing and circuit filling tools

• Make it possible to check circuit (pipes, joints, pumps, radiators) for leaks under pressure and quickly fill circuit, avoiding air bubble formation

1759HD/3	1	017590063

600x500x140 mm - 6,5 kg

1759HD/RR

cooling system filling tool

1759HD/RR	1	017590064

450x310x110 mm - 2,2 kg

1759LR

cooling system washing tool

based on the use of compressed air, high water pressure allows for effective cleaning system washing

• supplied with 6 system connection adapters
• operating lever with position locking for continuous use
• supplied with a water quick coupling

	L mm		
1759LR	402	1	017590070

390X330X100

CERTIFICATION SERVICE FOR ELECTRONIC INSTRUMENTS

Certification of such electronic measuring instruments as Multimeters, Amperometric Clamps, **Tachometers** and **Thermometers** is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

For infrared thermometers, a 4-point calibration report (minimum, maximum and two intermediate points) with ENAC traceability is issued.

On request, Beta Utensili S.p.A. provides the certification service. To receive this service, please contact your dealer.

1760DGT
digital automotive multimeter

Technical Data:
- **RPM (tachometer):**
For 2 and 4 cylinder engines
RPM4 600 - 4000 RPM
RPM4 600 - 12000 RPM (x10 RPM)
RPM2/DIS 300 - 4000 RPM
RPM2/DIS 300 - 6000 RPM (x10 RPM)
- **Dwell angle:** 4-8 CYL
- **DC voltage:** 400mV-4/40/400/1000V
- **AC voltage:** 4/40/400/700V
- **DC current:** 40/400mA-4/20A
- **AC current:** 40/400mA-4/20A
- **Resistance:** 400Ω-4/40/400kΩ-4/40MΩ
- **Capacity:** 40/400nF-4/40/100µF
- **Frequency:** 5/50/500Hz-50/500-10MHz
- **Duty cycle:** 0.1 % - 99.9%
- **Pulse amplitude:** 1 - 10ms
- **Diode test:** Test current 0.3mA
- **Continuity:** <150Ω - Test current <0.3mA
- **Display:** High-contrast, backlit 4-digit LCD
- **Overvoltage:** Category II 1000V
- **Auto power off:** 30 minutes
- **Power supply:** 1 9V battery (included)
- **Inductive clamp (included)**
- **2 tips (included)**
- **Soft cloth case (included)**
- **Operating manual**

1760DGT	1 017600005

1760DGT/2
digital automotive multimeter, portable, with 2-channel oscilloscope and waveform generator

Kit Contents:
- Multimeter tips
- 2 BNC crocodile clips for oscilloscope
- Tip probe for oscilloscope (1X and 10X)
- Battery charger
- Nylon sheath

Technical data:
- Display: 2.8" colour TFT
- Resolution: 320 x 240 pixels
- Power supply: 100V-240V AC, 50Hz-60Hz; DC INPUT 5V DC-2A
- Battery: 2 x 2600 mAh
- Dimensions: 199 x 98 x 40 mm
- Weight: 624g

Multimeter Specifications:
- Test: Voltage, Current, Resistance, Capacity, Diodes and On-Off
- Max. voltage: 600V AC-DC
- Max. current: 10A AC-DC
- Max. resistance: 40MOHM
- Max. capacity: 100uF

Oscilloscope Specifications:
Horizontal
- Bandwidth: 40MHz
- Sampling frequency range: 250MSa/s (single channel) - 125MSa/s (double channel)
- SEC/DIV range: 5ns/div ÷ 500s/div 1,2,5 sequence

Vertical
- VOLTS/DIV range: 10mV/div÷10V/divat BNC input
- Selectable analogue, bandwidth limit, typical: 20MHz
- Low frequency response (-3db): ≤10Hz a BNC
- DC Gain Accuracy: ± 3% for Normal or Medium acquisition mode, 10V/div ÷ 10 mV/div

Trigger
- Type: Edge
- Mode: Auto, Normal, Single
- Slope: Rising, Falling, Rising, & Falling
- Source: CH1, CH2

Input
- Coupling: DC, AC or GND
- Supported probe attenuation factors: 1X, 10X, 100X, 1000X

Arbitrary waveform generator
- Waveform frequency: Sine (1Hz÷25MHz), Square (1Hz÷10MHz), Ramp (1Hz÷1MHz), EXP (1Hz÷5MHz)
- Width: 2.5Vpp (50Ω) - 5Vpp (high impedance)
- Output impedance: 50Ω

1760DGT/2	1 017600008

1760B
digital multimeter

SPECIFICATIONS
DC voltage: 200 mV-2/20/200/1000V
AC voltage: 2-20/200/700V
DC current: 2/20/200 mA-20 A
AC current: 2/200 mA- 20 A
Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ
Capacity: 2/20/200 nF - 2/200 µF
Temperature: -20° + 1000°C/ -4 °F ~ +2000°F
Frequency: 20kHz
Power supply: 1 9V battery (included)

1760B	1 017600012

17600HM/2
megohmmeter for high voltage insulating testing

Features:
- **Insulation test up to 100 GΩ with 1000V voltage**
- **Large direct reading display, backlit**
- **Water protection: IP67**
- **Rubber terminal base for enhanced operating comfort**
- **Double insulated terminals CAT IV 600V, CAT III 1000V**
- **Ideal for electric and hybrid cars**

CAT. III 600V

Technical data:

Measuring range
Basic accuracy
AC voltage: 10V - 600V ±(1.5% +5)
DC voltage: 0V - ±600V ±(1.5% +5)
Resistance: 0.01Ω - 200Ω ±(2% +5)
Insulation test
@1000V: 0.01 - 100GΩ ±(1.5% +5)
Frequency: 1~1KHz ±(0.1% +3)

	L mm	P mm	H mm	
17600HM/2	195	94	54	1 017600027

1760/RMS

industrial digital multimeter
accurate and sturdy, in a 6-mm co-moulded shell, with antislip, shockproof outer rubber part

EN61010-1
EN61326-1

Technical Features:

Measuring range	Base accuracy
AC/DC voltage	110mV – 600V ±0.8% - ±2% rdg
AC/DC current	110µA – 10A ±1.5% - ±2% rdg
Resistance	110Ω – 40MΩ ±1.2% - ±2.5% rdg
Capacity	11nF – 40mF ±5% - ±10% rdg (up to 11mF)
Frequency	1100Hz – 110 MHz ±1.2% - ±1.5% rdg
Temperature	-32°C – +1000°C ±3% - ±5% rdg
Diode test, 3V DC ±10%	rdg
Continuity test	<30 Ω -

1760/RMS 1 017600020

1760S

compact digital multimeter

TRUE RMS (effective value) reading

Measurable parameters:
DC voltage: 200 mV-2/20/200/600V
AC voltage: 100/600V
DC current: 200 mA-10 A
AC current: 0,01-10 A
Resistance: 200Ω - 2/20/200 kΩ - 2 MΩ
Diode test: 0.4 ÷ 0.7
Power supply: 2 1.5V batteries, type AAA

1760S 1 017600022

153x75x42 mm

1760PA/80

AC/DC amperometric clamp, 80A

Designed to measure low current leakage or absorption values on vehicles

- Range: 1mA-80A AC/DC
- Torch function with white LED
- Backlit LCD display
- Zero setting function
- Hold function
- Auto power off
- Power supply: 2 1.5V AAA-type batteries

1760PA/80 1 017600002

1760PA/AC

amperometric clamp and digital multi-meter

A: AC
V: AC/DC

SPECIFICATIONS
DC voltage 400 mV - 4/40/400/600 V
AC voltage 400 mV - 4/40/400/600 V
AC current 40/400/1000 A
Resistance 400Ω - 4/40/400 kΩ - 4/40 MΩ
Frequency 5/50/500 Hz - 5/50/500 kHz - 5/10 MHz
Capacity 40/400 nF - 4/40/100 µF
Temperature - 20 °C ÷ 1000 °C / -4 °F ÷ 1832 °F
Power supply: 1 9V battery (included)

	L mm	
1760PA/AC	190	1 017600050

1760PA/AC-DC

amperometric clamp and digital multimeter

A: AC/DC
V: AC/DC

A: AC/DC
V: AC/DC

Specifications:
- DC voltage: 0.1mV ÷ 600V
- AC voltage: 0.1mV ÷ 600V
- AC current: 0.01A ÷ 1000A
- DC current: 0.01A ÷ 1000A
- Resistance: 0.1Ω ÷ 40MΩ
- Capacity: 0.001nF ÷ 40 µF
- Frequency: 0.001kHz ÷ 4kHz
- Temperature: -40°C ÷ 1000 °C -40°F ÷ 1832°F

1760PA/AC-DC 1 017600000

1760PA/AC-DC2000

amperometric clamp with digital multimeter and data connection

TRUE RMS function in AC range

A: AC/DC
V: AC/DC

Measurable parameters:
- DC voltage: 0.1mV ÷ 1000V
- AC voltage: 0.1mV ÷ 1000V
- AC current: 0.01A ÷ 2000A
- DC current: 0.01A ÷ 2000A
- Resistance: 0.1Ω ÷ 60MΩ
- Capacity: 1nF ÷ 6000 µF
- Frequency: 10kHz ÷ 20kHz
- Temperature: -20 °C ÷ 1000 °C -4 °F ÷ 1832 °F
- Power supply: 3 1.5V batteries, type AA (included)
- Data connection (version 4.0)

H mm	L mm	P mm	
300	110	43	1 017600003

380x280x100 mm - 1,78 kg

1760DGT-R3

spare leads for digital multimeters and amperometric clamps

1760DGT-R3	1	017600603

1760/RSE

signal detector

Allows power supply of parts to be tested, including common rail electro-injectors, petrol/LPG electro-injectors, piezoelectric injectors, flow regulating solenoid valves, EGR solenoid valves and coils

Performing **diagnosis of individual parts of electric system** only requires probe to be brought near part being tested.
In systems with electromechanical/electronic parts controlled by a control unit, this tool makes it possible to check whether:
• Control unit is being supplied with power and is performing its control function
• Cables connecting control unit to part is efficient
• Part being tested has not being disconnected
• Part has not short-circuited
• Part is operating electronically

1760/RSE	1	017600170

1760/TC2

combination contact/non-contact digital tachometer

TECHNICAL DATA
• For measuring:
- non-contact rotational speed (rpm)
- contact rotational (rpm)
and linear surface speed (m/min or ft/min).
• 5-digit LCD display.
• Scale:
- non-contact speed 2.5÷99,999 rpm
- contact speed 0.5÷19,999 rpm
- linear surface speed 0.05÷1,999.9 m/min.
• Frequency: 0.8 sec.
• Power supply: 4 1.5V batteries (included), AA size, or 6V power supply unit (not included).
• Supplied with the following:
- adaptor for contact tip measurement;
- male (contact) rubber tip (2 pcs.);
- female (contact) rubber tip (1 pcs.);
- linear measurement tape (1 pcs.);
- reflecting tapes;
- instruction manual;
- plastic case.

	L mm	H mm		
1760/TC2	230	74	1	017600161

1760R/TC2

set of reflecting tapes for item 1760/TC2

1760R/TC2	1	017600561

1760K

non-contact AC voltage detector with LED mini-torch

Testing range: 200-1000Vac 50/60Hz
CAT III-1000V
Requires 2 AAA batteries (included)

CAT III-1000V

1760K	1	017600140

1760PT/N

voltage and continuity tester, 1000 V

self-test function: tool does not require high known voltage for calibration

1000 V

Features:
• Voltage: 24÷1000VAC / 6÷1000VDC
• Bar voltage indicator: 6-12-24-50-120-230-400-690-1000
• Accuracy: ± (3% + 3)V
• Response time: < 1s (90%)
• Maximum absorbed current @1000V: < 3,5mA
• Contact-free voltage detection: > 90VAC
• Phase rotation test:100÷1000VAC (50/60Hz)
• Phase angle: 120° ±5°
• Continuity test:0±1.3 MΩ
• Current (continuity test): ≤5 µA
• Pollution level:
• Power supply:

	H mm	L mm	P mm	L1 mm		
1760PT/N	250	70	30	850	1	017600155

1760/IR500

digital infrared thermometer with dual laser aiming system

not suitable for measuring body temperature

Technical Data:
• Temperature range: -50 ÷ 500 °C (-22 ÷ +932 °F)
• Display resolution: 0.1 °C (0,1 °F)
• Emissivity: 0.1 ÷ 1 adjustable
• Accuracy: -50 °C ÷ +20 °C (+/- 3 °C); 20 ÷ 500 °C (+/-2% or 2 °C)
• Optical resolution (D:S): 12:1
• Auto power off: ca. 10 seconds
• Operating temperature: 0 °C ÷ 50 °C
• Storage temperature: -20 °C ÷ 60 °C
• Power supply: 1 9V battery

1760/IR500	1	017600350

1760/IR1000
digital infrared thermometer with dual laser aiming system

not suitable for measuring body temperature

TECHNICAL DATA
Temperature range: -50 °C ÷ ^1000 °C (-58 °F ÷ +1832 °F)
Display resolution: 0.1 °C (0.1 °F)
Emissivity: 0.1 ÷ 1 adjustable
Accuracy: -50 °C ÷ 20 °C (+/- 3.5 °C); 20 °C ÷ 300 °C (+/-1% or 1 °C); 300 °C ÷ 1000 °C (+/-1.5%)
Optical resolution (D:S): 20:1
Operating temperature: 0 °C ÷ 50 °C
Storage temperature: -10 °C ÷ 60 °C
Power supply: 2 1.5V (AAA type batteries)

1760/IR1000	1	017600400

1760/IR1600
digital infrared thermometer with laser aiming system

not suitable for measuring body temperature

TECHNICAL DATA
Range: da -50 °C to +1600 °C / -58 °F to +2912 °F
Scale selection: °C/°F
Accuracy: ±1.5% or ±2 °C to 20 °C
Laser power: <1mW
Response: 1sec
Emissivity: 0.10-1.0 adjustable
Distance ratio: (D:S) 50:1
Operating temperature: 0 °C ÷ 50 °C / 32 °F ÷ 122 °F
Operating humidity: 10% to 90% RH
Backlit LCD display
Data storage function
Auto power off
Power supply: 1 9V battery (included)
Hard case with aluminium tripod
Operating manual

	mm	mm		
1760/IR1600	200	115	1	017600461

1760LX
portable digital lux meter

EN61010-1
EN61326-1

Technical details:
Measurement range Basic accuracy
Lux measuring range: 0-200000 ±3%
FC measuring range: 0-20000 ±3%
Power supply: 1 x 9V

	L mm		
1760LX	165	1	017600820

1760TMC
infrared thermal camera

compact thermal camera for contactless temperature measurement, suitable for applications in building, mechanical, electric installation and heating industries

LCD TFT display, 2", 240x320
sensor, 32x32 pixels
acquisition frequency 7Hz
thermal sensitivity <347mK
automatic acquisition of hot and cold spots
camera for acquisition of images in BMP format (max. 100 images)
adjustable emissivity
power supply: 3 alkaline AAA batteries
USB interface
IP54
temperature range: -20 °C ÷ +600 °C
infrared band: 6.5÷14µm
visible/infrared image fusion: 0.5; 1; 2m
alarm function, selecting acceptable maximum and minimum temperatures

1760TMC 600	1	017600710

1760WM
digital anemometer with fan sensor

EN61010-1
EN61326-1

Technical details:
Measuring range Basic accuracy
m/s air velocity range: 0.4-30 ±2%
k/n air velocity range: 1.4-108 ±2%
ft/m air velocity range: 80-5900 ±2%
mil/h air velocity range: 0.8-58 ±2%
CFM airflow range: 0-99990 ±0-9.999 ft2
CMM airflow range: 0-99990 ±0-9.999 m2
CMS airflow range: 0-99990 ±0-9.999 m2

	L mm		
1760WM	170	1	017600800

1761
wire twisting pliers with automatic return

	L mm		
	255	1	017610101

1761RS/1
reversible wire twisting pliers with automatic return

	L mm		
	220	1	017610130

1762
revolving punch pliers

Ø mm	L mm		
2-2,5-3 3,5-4-4,5	210	2	017620001

1763G/S500
500 car upholstery clips

1763G/S500	1	017630105

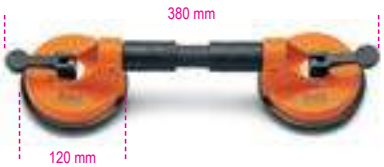
1764/K5
manual riveter for plastic rivets

supplied with rivets in 4 sizes

kit contents:
- 10 rivets Ø 5x17.2 mm
- 10 rivets Ø 5x15.8 mm
- 10 rivets Ø 6.3x25.2 mm
- 10 rivets Ø 6.6x17.2 mm

1764/K5	1	017640001

1766
double suction lifter



max kg		
50	2	017660001

1766A
single suction cup

max kg		
30	2	017660005

1766/8
assortment of 8 tools
for car glass windows

1766/8	1	017660100

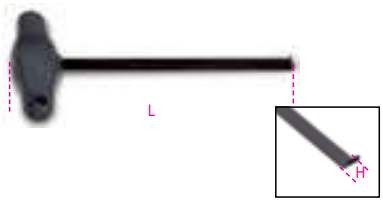
1766ER
window trim removal tool
with handle

Allows window trims to be easily removed, with no risk of damage

1766ER	1	017660501

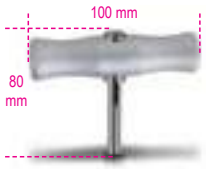
1766ER/VW
low-profile window trim removal tool

particularly suitable for VAG group window trims with reduced grip space



L mm	H mm		
215	4	1	017660510

1766I
handle for steel cable item 1766G



1766I	2	017660020

1766G
steel cable for car windows

Square section

50 m	1	017660025

1766T
steel cable for glass windows

triangular section

50 m	1	017660026

1767A
telescopic rod

- **designed to support bonnets and tailgates with decompressed pistons.**
- **can be used to keep pedals from moving.**

	L mm		
1767A	640 ÷ 1090	1	017670000

1767B
pedal and steering wheel locking kit

the trigger adjustment mechanism ensures accurate settings when keeping the vehicle accelerated

1767B	1	017670100

490x285x95 mm - 2,4 kg

1767PMC
magnetic tool holder, round

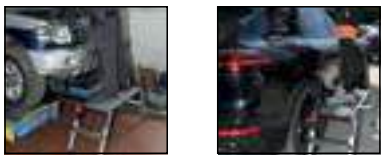
1767PMC	1	017670020

1767PMR
magnetic tool holder, rectangular

1767PMR	1	017670010

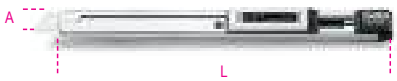
1768
aluminium footboard

surface coated with non-slip material
maximum carrying capacity: 200 kg



L mm	L1 mm	H mm		
960	300	475	1	017680010

1770
extra flat utility knife, 9 mm snap-off blade



	L mm	A mm		
1770	140	9	10	017700001

1770A
utility knife 9 mm with automatic blade locking mechanism, 3 blades

	L mm	A mm		
1770A	135	9	10	017700025

1770RL
9 mm snap-off blades 10 pieces for utility knives 1770, 1770BM and 1770A

1770RL	5	017700010

1771
utility knife, 18 mm, supplied with 3 blades

1771	10	017710000

1771BM
utility knife, 18 mm, 6 spare blades

	L mm	A mm		
1771BM	170	18	10	017710050

1771HD
utility knife, 18 mm, supplied with 6 blades

- **automatic blade change**
- **screw blade locking system**

	L mm	A mm		
1771HD	190	18	5	017710100

1771RL
18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD

1771RL	5	017710010

1772M
safety utility knife with retractable blade, supplied with 4 blades

blade retracts through an automatic spring mechanism
- **die-cast alloy body**
- **staple remover built into handle**

	L mm	A mm		
1772M	170	18	5	017720040

1772R
utility knife with retractable trapezoidal blade, supplied with 5 blades

	L	A		
1772R	125	18	5	017720006

1772H
safety utility knife with retractable blade, supplied with 2 blades

	L mm	A mm		
1772H	170	18	5	017720029

1772RL/2
10 long trapezoidal spare blades, in box, for utility knives, 1772H, 1772M, 1772R, 1774,1777BMT, 1777T

1772RL/2	5	017720017

1773A
utility knife, 25 mm

	L mm	A mm		
1773A	180	25	10	017730000

1773RL
25 mm blades (10 pieces) for utility knife 1773A

1773RL	5	017730015

1773S
safety utility knife with round blade

- **main blade Ø 28 mm**
- **secondary blade for cutting films**
- **hanging hook**

L mm	A mm		
190	28	1	017730100

1773S/RL
3 round blades, Ø 28 mm for utility knife 1773S

1773S/RL	5	017730110

1773U
multi-purpose silicone tool

Contents:
- **5 angled rubber tips**
- **spare scraper blade**

L mm		
min 190 - max 215	1	017730500

1773U/R
spare kit for multi-purpose silicone tool 1773U

- **5 angled rubber tips**
- **spare scraper blade**

1773U/R	2	017730510

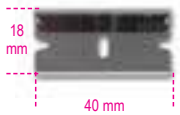
1774
multi-function scraper with blade guard

	L mm	L1 mm		
1774	155	60	5	017740001

1774A
multifunction scraper, bi-material handle

	L mm	A mm		
1774A	300	40	1	017740011

1774A/RL
10 blades for scrapers 1774A and 1774S



1774A/RL	1	017740511

1774S
sticker removal scrapers

A mm	L mm		
1774S	40	100	2	017740021

1777BM
foldaway knife with wire stripping notch, stainless steel blade

	L mm	L1 mm	A mm		
1777BM	190	80	16	5	017770100

1777T

foldaway knife with trapezoidal blade,
aluminium handle, 5 spare blades

	L mm	A mm	L1 mm		
1777T	160	19	65	5	017770030

1777BMT

foldaway knife with trapezoidal blade
4 adjustable blade depths
4; 9.5; 15.5; 21.5 mm
supplied with 3 blades

	L mm	L1 mm	A mm		
1777BMT	170	80	19	5	017770050

1778AN

foldaway knife,
stainless steel blade,
lightweight anodized aluminium handle
• in case

	L mm	A mm	L1 mm		
1778AN	204	26	84	5	017780065

1778AX

foldaway knife,
stainless steel serrated blade,
aluminium handle,
serration pattern for easier opening
• in case

	L mm	A mm	L1 mm		
1778AX	189	26	80	5	017780026

1778BS

foldaway knife
with double safety lock,
stainless steel serrated blade,
carbon look finish

• in wallet

	L mm	A mm	L1 mm		
	200	29	85	10	017780035

1778CM

camouflage foldaway knife,
hardened steel blade,
in case

	L mm	A mm	L1 mm		
1778CM	195	24	80	5	017780099

1778M7

foldaway knife,
stainless steel mini blade,
handle with fibreglass inserts
• in case

	L mm	A mm	L1 mm		
1778M7	163	24	68	5	017780015

1778P

foldaway knife,
stainless steel and aluminium blade and handle,
with push button opening mechanism
• in case

	L mm	A mm	L1 mm		
1778P	193	29	72	5	017780088

1778SCL

foldaway knife with soft carbon look finish,
hardened steel blade,
in case

	L mm	A mm	L1 mm		
1778SCL	180	22	78	5	017780089

1778SOS

car service knife
with window breaking hammer
and seat belt cutter features
in case

	L mm	A mm	L1 mm		
1778SOS	205	25	85	5	017780080

1778X

knives for nautical maintenance, stainless steel blades, aluminium handles

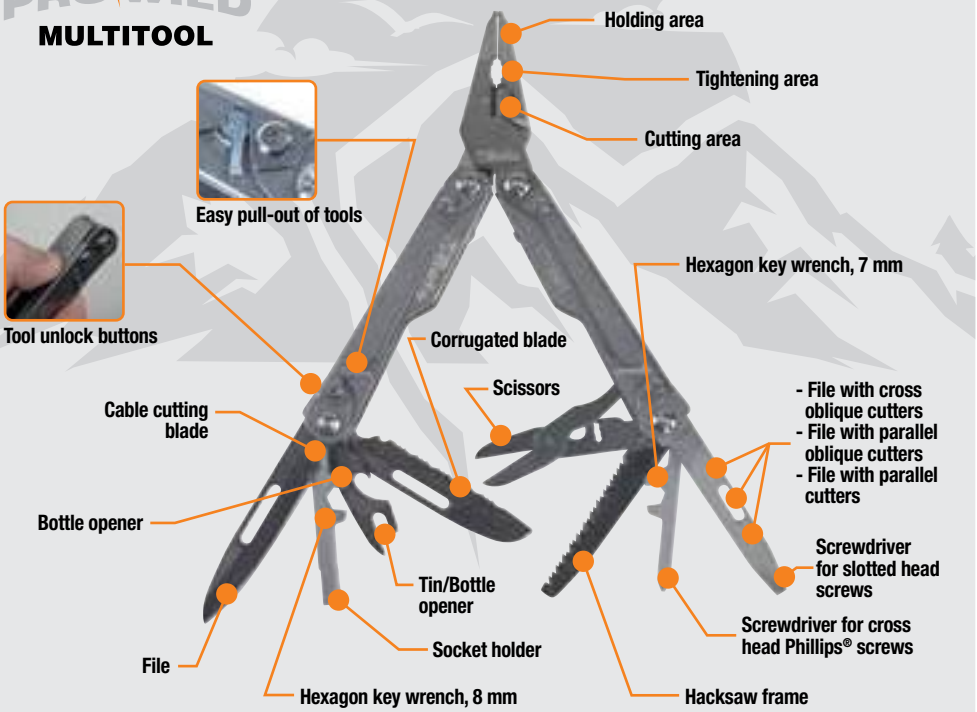
	L mm	L1 mm	S mm		
1778X	185	85	25	2	017780050

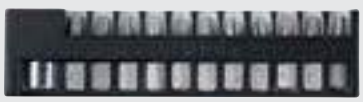
1778MT - MULTITOOL

BETA's multipurpose tool stands out from similar commercially available tools with BETA's typical hallmarks: pliers synonymous with matchless quality, sophisticated materials and state-of-the-art technology. The **11 bits**, which come in the most popular geometries in the market, make this item ideal for any work environments and conditions, e.g. camping, nautical industry, hunting and DIY.

PROWILD
MULTITOOL

22 FUNCTIONS





11 bits + socket

Ruler 100 mm / 4"

1778MT

multi-tools
complete with bits and sheath
9 tools
22 functions

L mm	L 1 mm		
180	115	1	017780055

1781

slim, long blade scissors

	L mm		
1781	132	2	017810001

1783

light duty scissors

L mm		
215	5	017830021
240	5	017830024

1784

heavy duty scissors

L mm		
175	2	017840017
200	2	017840020
250	2	017840025
300	2	017840030

1800/100

lifting airbags (max. lifting force: 100 kg)

- lifting/levelling
- locking doors

A mm	B mm	S mm		
160	150	2÷55	3	018000000

LIGHTING

The lighting family comprises a wide range of products designed to satisfy all users' requirements, ranging from inspecting small pipes to lighting large working areas.

FLASHLIGHTS

The new captivating design, the technical improvements and the large choice of sizes allow the most suitable flashlight to be selected on the basis of such criteria as brightness, battery life and performance.

LAMPS AND SPOTLIGHTS

Based on improved LED technology, longer battery life, shorter charging time, painstaking attention to materials and ongoing search for innovative solutions, Beta's work lamps mean an outstanding combination of design, functionality and performance.
A comprehensive range designed to allow professionals to work at their best, in any sector and under any condition.

Wireless charging

WIRELESS

Beta's range of wireless lighting products comprises torches, lamps, headlamps and LED spotlights, which can be easily charged via one charging base. Hence, cables, which may prove troublesome during work, are not necessarily required.
Wireless technology means one of the latest innovations in the work lighting industry. This ground-breaking system provides a convenient, modern solution, thereby catering to every professional's requirements. The wireless base with two charging positions can be hung to the wall, so that you can always have the lighting instruments required for your job within reach, and rely on simplified space organization.
What is more, the pull-out support allows you to charge your mobile phone.

CRI - Color Rendering Index
CCT - Correlated Color Temperature

SPOTLIGHTS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1837C/4300	1100 - 2100 - 4300	LI-Ion 11.1 V; 5200 mAh	4.0h	6 - 1.5h	IP65 - IK07	6500K	80+
1838CLAMP	100 - 300 - 700 - 1600	Li-Ion 3.7 V; 5200 mAh	3.5h	24 - 8.5 - 5 - 3h	IP65 - IK07	6500 ± 500K	80
1838FLASHPRO	800 - 1000 - 1200	2 x 3.6 V; 10000 mAh	7h 45m	11.5 - 9.5 - 8.5h	IP65 - IK 07	5000 ± 300K	R80
1838POCKET	160 - 400 - 800	Li-Ion 3.7 V; 2600 mAh	4.0h	3 - 9h	IP65	6500K	80+

LAMPS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1838/13LED-W	430 - 90	LI-Ion 3.6 V; 6000 mAh	5.0h	4h (front + spot) 5h (front) 10h (spot)	IP65 – IK07	Spot: 6500 ± 300K Front: 5000 ± 300K	Spot: R70 Front: R80
1838AM	60 - 700 120 (spot)	Li-Ion 3.7 V; 2600 mAh	4.0h - USB-C	2.5 - 16h 10h (spot)	IP54 - IK07	6500K	80+ 70+
1838COMPACT	120 - 150 - 300	Li-Ion 3.7 V; 1500 mAh	2.5h	7 - 6 - 3.5h	IP65 - IK07	6500K	80+
1838F	50 - 500 (front) 120 (spot)	Li-Ion 3.7 V; 2600 mAh	4h	22 - 2h 9h (spot)	IP54 – IK07	Spot: 6000 ± 500K Front: 6500 ± 500K	Spot: 70 Front: 80
1838PN	120 - 175 - 350	Li-Ion 3.7 V; 1600 mAh	3h	6 - 3h	IP65 - IK07	6000 - 6500K	80+
1838SLIM	100 - 200 180 (back) 80 (spot)	Li-Ion 3.7 V; 700 mAh	2.5h - USB-C	2 - 4h 2h (back) 3h (spot)	IP54 - IK07	6500K	80
1838SW	250 - 500 - 1000	Li-Ion 3.6 V; 3350 mAh	4.5 - 6.5h	3 - 7h	IP65 - IK07	6500K	80+
1838E	500 - 1000 - 2000	Li-Ion 3.6 V; 3350 mAh	4.5 - 6.5h	3 - 9h	IP20 - IK07	5500K	80+
1842/13LED-BM	90 - 430	-	-	-	IP65 - IK07	Spot: 6500 ± 300K Front: 5000 ± 300K	Spot: R70 Front: R80
1842/13LED-ABM	90 - 430	-	-	-	IP65 - IK07	Spot: 6500 ± 300K Front: 5000 ± 300K	Spot: R70 Front: R80
1846/13LED-BM R	90 - 430	-	-	-	IP65 - IK07	Spot: 6500 ± 300K Front: 5000 ± 300K	Spot: R70 Front: R80

HEADLAMPS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1836AW	30 - 200 - 400	LI-Ion 3.7 V; 1500 mAh	2.5h	4 - 18h	IP65 - IK07	6500K	80+
1836BW	20 - 225 - 250 - 500	LI-Ion 3.6 V; 3000 mAh	4.5h	2.5h (flood + spot); 4h (flood); 4h (spot) 18h (red)	IP65 - IK06	6500 ± 300K	R70

FLASH LIGHTS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	LIGHTING RANGE
1833XS/2	200	2 x AAA	-	10h	IP66	112 m
1833S	500	2 x AA	-	10h	IP66	140 m
1833M	700	3 x AAA	-	7.5h	IP66	170 m
1833L	1100	3 x AA	-	8.5h	IP66	330 m
1833XSW	80 - 250	LI-Ion 3.7 V; 2600 mAh	2.0 h	2.0 - 8.0h	IP54 - IK07	50 m
1833MW	5 - 30 - 400 - 1000	LI-Ion 3.7 V; 2600 mAh	4.0 - 6.0 h	2.0 - 200.0h	IP68 - IK07	150 m

1833XS/2

LED inspection torch,
made of sturdy anodized aluminium

- 200 lumens
- adjustable focus
- batteries: 2xAAA (not included)
- IP66
- battery life: 10.0h
- lighting range: 112 m

L mm		
133	3	018330001

1833XSW

LED inspection torch, wireless rechargeable

- Two brightness settings: LED SMD, 250 - 80 Lumen
- Rechargeable battery: 3.7V 700 mAh, 2.59 Wh Li-ion
- Two charging modes:wireless base 1839BRWpower supply with USB-C port
- Charging time:2h with wireless charging base2h with power supply
- Battery life: 2-8h
- LED battery level indicator
- Magnets on base and back
- Belt clip
- IP54
- IK07
- USB-C cable included

L		
145	1	018330011

1833S

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 2xAA (not included)
- battery life: 10.0h
- IP66
- lighting range: 140 m

L mm		
150	1	018330002

SUBJECT TO AVAILABILITY

1833M

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 700 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAAA (not included)
- flat battery indicator (<15%)
- battery life: 7.5h
- IP66
- lighting range: 170 m

L mm		
162	1	018330003

SUBJECT TO AVAILABILITY

1833MW

high-brightness LED torch, wireless rechargeable

- Four brightness settings: LED SMD, 1000 - 400 - 30- 5 Lumen
- Rechargeable battery: 3.7V 2600 mAh, 9.62 Wh Li-ion
- Two charging modes:
wireless base 1839BRE
power supply with USB-C port
- Charging time:
6h with wireless charging base
4h with power supply
- Battery life: 2-200h
- 3-LED battery level indicator
- Magnet on back
- IP68
- IK07
- USB-C cable included

L		
160	1	018330013

1833L

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 1,100 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAA (not included)
- flat battery indicator (<15%)
- battery life: 8.5h
- IP66
- lighting range: 330m

L mm		
196	1	018330004

SUBJECT TO AVAILABILITY

1836AW

rechargeable wireless LED headlamp,
dual brightness

- dual light emission:
front: 3 light intensities, LED COB, 30 - 200 - 400 lumens
head (spotlight): LED COB, 400 lumens
- rechargeable battery: Li-Ion 3.7 V, 1500 mAh, 5.55 Wh
- USB-C port
- supplied with USB-C cable
- charging time:
- 2.5 h with power supply
- 4.5h with wireless charging base
- battery life:
front: 4-18 h
head (spotlight): 4 h
- IP 65
- IK 07

1836AW	1	018360051

1836BW

rechargeable LED headlamp, with red light and contactless ON/OFF sensor, wireless

- Contactless ON/OFF sensor
- 4-fold light emission:
main + spot: 500 lumens
main: 250 lumens
spot: 225 lumens
red light: 20 lumens
- Rechargeable battery: Li-Ion 3.6V, 3000 mAh
- 2 charging modes:
wireless base 1839BRW
power supply with USB-C port
- Supplied with USB-C cable
- Charging time: 4.5 h
- Battery life:
Flood + spot : 2.5 h
Flood: 4.5 h
- IP65
- IK06

1836BW	1	018360201

1838/13LED-W

rechargeable high-brightness LED lamp, wireless

- Dual light emission:
main: COB LED 420 lumens, spot: SMD LED 50 lumens
- Rechargeable battery: Li-Ion 3,7V, 3000 mAh
- Charging modes:
wireless base 1839BRW
power supply with USB-C port
- Supplied with USB-C cable
- Charging time: 4 h
- Battery life:
main + spot: 4h
main: 5h
spot: 10h
- Battery level indicator
- Swinging hook
- 1 magnet on base
- 2 side magnets
- IP65
- IK07

1838/13LED-W	1	018380112

1838F

rechargeable magnetic LED lamp with flexible head and double light emission

- Double light emission:
main: 32 light intensities LED COB 50 - 500 lumens
spot (head): LED SMD, 120 lumens
- Rechargeable battery: Li-Ion 3.7 V, 2600 mAh
- Charge with USB-C port
- USB-C cable included
- Charging time: 4h
- Battery life:
-main: 2h
-spot: 9.5h
- Magnet on base
- Hook can be bent at 90°
- 3-LED battery level indicator
- IP 54
- IK 07

	L mm		
1838F	470	1	018380040

1838SW

Rechargeable, articulated LED inspection lamp, supplied with USB-C cable.
Wireless charger available to purchase separately (1839BRW - 18390002)

- dual light emission:
front: LED COB, 3 light intensities: 250 - 500 -1000 lumens
spot (head): LED SMD, 200 lumens
- rechargeable 3.6V 3.350mAh Li-ion battery
- 2 charging modes: wireless 1839BRW base
power supply with USB-C port
- charging time: 6.5h with wireless charging base
4.5h with power supply
- battery life: front: 1.3-5h
spot (head): 7h
- 3-LED battery level indicator
- base can be rotated 180°
- nonslip rubber body
- double swinging hook
- 3 magnets on back
- 1 magnet on base
- IP65
- IK07
- supplied with a USB-C cable

IP65
IK07

	L mm	I mm	S mm		
1838SW	260	53	40	1	018380142

1838AM

rechargeable LED inspection lamp, with double light emission, articulated, can be rotated 180°, with swivel magnetic base and hook

- double light emission:
front: LED COB, 60-700 lumens, can be adjusted with potentiometer
spot (head): LED SMD, 120 lumens, ON-OFF switch
- rechargeable 3.6V 2600mAh Li-ion battery
- with USB-C port
- supplied with 100-240V / 50-60Hz charger
- charging time: 4h
- battery life:
front: 2.5-16h
spot (head): 10h
- 3-LED battery level indicator

- articulated, can be rotated 180° (± 90° compared to axis)
- magnetic base (with neodymium magnet), can be rotated 90°
- swivel base hook

- IP54
- IK07

IP54
IK07

	L mm	I mm	S mm	L1 mm		
1838AM	405	40	45	175	1	018380400

1838SLIM

rechargeable, articulated slim 3-LED inspection lamp

- triple light emission
- front: 100/200 lumens/ rear: 180 lumens/ spot (head): 80 lumens
- magnetic base
- charging time: 2.5h
- battery life: 2-4h/ spot 3h
- complete with USB-C cable

IP54

	L mm	I mm	S mm		
1838SLIM	307	17	29	1	018380221

1838COMPACT

rechargeable, compact LED lamp

- dual light emission: main and spot
- 3 light intensities:
main COB LED 300 - 120 lumens
spot SMD LED 150 lumens
- rechargeable battery: Li-Ion3.7 V, 1500 mAh
- charging time: 2.5h
- battery life:
main: 7/3.5h
spot: 6h
- can be hung, with nonslip, shockproof rubber body
- hook can be rotated 360°
- magnetic base can be rotated 180°
- belt clip/pocket
- IP65
- IK07
- USB-C cable included

IP65
IK07

	L mm		
1838COMPACT	120	1	018380011

1838PN

rechargeable LED pen light

- dual light emission: main and spot
- 3 light intensities:
main COB LED 350 - 175 lumens
spot: SMD LED 120 lumens
- rechargeable battery: Li-Ion3.7 V, 1600 mAh
- charging time: 2.5h
- battery life:
main: 6/3h
spot: 6h
- magnetic base
- belt clip/magnetic pocket
- IP65
- IK07
- USB-C cable included

IP65
IK07

	L mm		
1838PN	175	1	018380008

1838CLAMP

rechargeable clamp spotlight with adjustable light beam and 4 light intensities

- 4 light intensities:
1600 lm - Ultra high mode
700 lm - High mode
300 lm - Low mode
100 lm - Eco mode
- Rechargeable battery: Li-Ion 3.7 V, 5200 mAh
- Can be charged with USB-C cable (included)
- Can be rotated 360°
- Charging time: 4h
- Battery life:
3h - Ultra high mode
5h - High mode
8.5h - Low mode
24h - Eco mode
- 3-LED battery level indicator
- With built-in clamp, can be easily clamped everywhere
- 1 magnet on back
- IP65
- IK07

IP65
IK07

1838CLAMP	1	018380310

1838POCKET

adjustable articulated pocket LED lamp, with dual light beam, wireless rechargeable

- dual light emission:
main light: LED COB, 3 light intensities: 160 - 400 - 800 lumens
spot light: LED SMD, 250 lumens
- lighting angle:
main light: 160°
spot light: 18°
- rechargeable light 3.7V 2600mAh Li-ion
- 2 charging modes:
wireless base 1839BRW
power supply with USB-C port
- charging time:
4.5 h with wireless charging base
4 h with power supply
- battery life:
main light: 3-9h
spot light: 4.5 h
- 3-LED battery level indicator
- can be rotated 210°
- nonslip rubber body
- magnetic base
- 1 magnet on base
- IP65
- IK07
- complete with USB-C cable

IP65
IK07

L mm	I mm	S mm		
98	82	39	1	018380080

1838FLASHPRO

rechargeable, ultracompact spotlight, designed to provide the best solution for each use.

- 3 light intensities: LED SMD 1200 - 1000 - 800 lumens
- Rechargeable battery: Li-Ion, 3.6V, 5000 mAh
- Can be charged via power supply with USB-C port
- Supplied with USB-C cable and power supply
- Battery level indicator
- Charging time: 8 h
- Battery life: 8.5h
- IP65
- IK07

1838FLASHPRO	1	018380301

1837C
rechargeable LED spotlight for building yards

- 3 brightness settings
- battery charger: input: 100-240V AC - 50/60Hz; output: 15V 1.5A
- charging time: 4 hours
- 3-LED charge indicator
- can rotate up to 180°
- IP65
- IK07

IP65
IK07

LxHxl mm	Lm	h		
266x236.6x59	4300	1.5	1	018370430
	2100	3.0		
	1100	6.0		

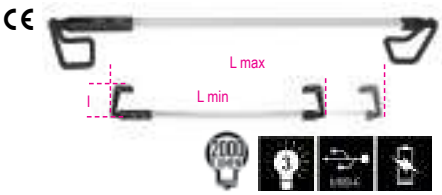
1837S
telescoping tripod for worklight

- made of metal
- adjustable height: 70÷155 cm
- compatible with items 1837C and 1838FLASH

h cm		
70÷170	1	018370500

1838E
rechargeable under bonnet LED lamp

- triple light emission: 500/1000/2000 lumens
- can be rotated 360°
- length range: 116 ÷ 188 cm
- aluminium body
- nonslip rubber hooks
- USB-C charge
- 2 charging modes:
charge via lamp USB port
charge via internal battery USB port
- supplied with battery charger
input: 100-240V ~ 50/60Hz
output: DC 5V - 2000 mA



IP20
IK07

L min mm	L max mm	l mm		
1170	1880	150	1	018380270

1838E-BT
rechargeable battery with USB-C port for under bonnet lamp item 1838E

- Li-Ion 3,6V
- DC 5V - 2000 mA

1838E-BT	1	018380271

1839BRW
wireless charging base, compatible with 1838POCKET, 1838SW inspection lamps

- two charging positions with magnetic connection, for simultaneous use
- with pull-out support for wireless mobile phone charging
- charging status LED indicator
- max. input: 10W x2
- input: AC 100-240V 50/60Hz
- output: DC 12V 1.5A
DC 9V 2A
DC 5V 3A
- USB-C port
- can be hung on wall through: 3 strong magnets on back
2 screw holes
- IP20
- IK07

IP20
IK07

	L mm	l mm	S mm		
1839BRW	100	290	25	1	018390002

1839/R5
USB-C QC 3.0 cable, replacement for items 1838POCKET, 1839BRW

1839/R5	1	018390505

1839/R6
USB Q C3.0 quick charge transformer, replacement for 1838POCKET, 1839BRW

1839/R6	1	018390506

1839/R1
transformer with USB output, spare part for items 1838SLIM, 1838AM, 1838E, 1838COMPACT, 1838PN

1839/R1	1	018390501

1839/R4
USB/USB-C cable, spare part for items 1838SLIM, 1838AM, 1838E, 1838COMPACT, 1838PN

1839/R4	1	018390504

1842/13LED-BM

rechargeable high-brightness LED lamp, 100-240V

- 10-m-long cable
- Dual light emission:
front: COB LED 420 lumens; spot: SMD LED 50 lumens
- Swinging hook
- IP65
- IK07

1842/13LED-BM	1	018420302

1842/13LED-ABM

rechargeable high-brightness LED lamp, 12-24V AC/DC 8W

- 10-m-long cable
- Dual light emission:
front: COB LED 420 lumens; spot: SMD LED 50 lumens
- Swinging hook
- IP65
- IK07

1842/13LED-ABM	1	018420312

REELS

Beta's varied, comprehensive range of reels has been designed and developed with a view to satisfying all professionals' requirements.

- The range of cable reels comprises numerous lengths and types of cables, versions with LED lamps and with SCHUKO sockets and plugs.
- The range of hose reels comprises hoses 8 mm and 10 mm in diameter.

High-resistance spring ensuring remarkable durability and unparalleled smoothness.
Drums made of thick polypropylene, for unique shock resistance.
Rack device causing automatic cable rewind to stop, easy to disable, to allow continuous pulling.

Each reel is fitted with a 180° swivel wall-mount bracket and an additional bracket for quick connection to, and disconnection from, the wall-mount support.

CABLE REELS

A wide range comprising no less than 18 versions, designed to satisfy any working requirements, including the most demanding users'. Lengths ranging from 10 m to 30 m, and sections from 2x1.0 mm² to 5Gx1.5mm², with H05VV-F and H07RN-F cable types.
All the cable reels – up to a cable section of 3Gx2.5mm² - are supplied with thermal protection switches, which are triggered in case of overloading of the electric circuit.

HOSE REELS

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Selected range, with lengths from 10 m to 15 m, 8 mm, 10 mm and 12 mm in diameter, for use with pneumatic tools.
Since our products are leak-proof, they can also be used with water.

Item		Conductors	Section	Cable type	Length	Drum	Thermal protection	Accessory
1842 15-H05/LED	018420821	2x	1,0 mm²	H05VV-F	15+1 m	Small	NO	Lampada LED
1843 15-H05	018430215	2x	1,5 mm²	H05VV-F	15+1 m	Small	YES	
1844 10-H05	018440310	3G	1,5 mm²	H05VV-F	10+1 m	Small	YES	-
1844 15-H05	018440315			H05VV-F	15+1 m	Small	YES	-
1844 15-H07	018440317			H07RN-F	14+1 m	Small	YES	-
1844 30-H05	018440330			H05VV-F	30+2 m	Medium	YES	-
1844 15-H05/SCK	018440316	3G	1,5 mm²	H05VV-F	15+1 m	Small	YES	SCHUKO
1844 15-H07/SCK	018440318			H07RN-F	14+1 m	Small	YES	SCHUKO
1844 15-H05/3SCK	018440319			H05VV-F	15+1 m	Small	YES	3 SCHUKO
1845 12-H05	018450365	3G	2,5 mm²	H05VV-F	12+1 m	Small	YES	
1845 15-H07	018450367			H07RN-F	15+1 m	Medium	YES	
1845 25-H07	018450377			H07RN-F	25+1,5 m	Medium	YES	
1845EM/3	018450403			H07BZ5-F	7 + 1 m	Small	YES	TYPE 2 E.V.
1846 10-H05	018460405	4G	1,5 mm²	H05VV-F	10+1 m	Small	NO	
1846 10-H07	018460407			H07RN-F	10+1 m	Small	NO	
1846 15-H05	018460415			H05VV-F	15+1 m	Small	NO	
1847 10-H05	018470420	4G	2,5 mm²	H05VV-F	10+1 m	Medium	NO	
1847 15-H07	018470427			H07RN-F	15+1 m	Medium	NO	
1848 10-H05	018480510	5G	1,5 mm²	H05VV-F	10+1 m	Medium	NO	
1848 15-H07	018480517			H07RN-F	15+1 m	Medium	NO	

1842

automatic cable reel with LED inspection lamp, 100-240Vac

- with 230/12V safety transformer
- H05VV-F 2x1.0 mm² cable
- coiled cable length: 15 m
- 1.5 m incoming cable with SCHUKO type socket
- length of cable out of drum: 1 m
- rack mechanism can be disabled to keep cable pulled
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42 IP65

		L m		
1842 15-H05/LED	H05VV-F	15+1	1	018420821

1846/13LED-BM R

spare LED lamps

12-24V - AC-DC
• Dual light emission:
front: COB LED 420 lumens; spot: SMD LED 50 lumens
• Swinging hook

CE

1846/13LED-BM R	1	018460332

1843

automatic cable reel, with 2x1.5 mm² cable

- H05VV-F 2x1,5 mm² cable
- with thermal protection switch
- coiled cable length: 15 m
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1300W (230V-20°C)
- max. power (unrolled): 2300W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1843 15-H05	H05VV-F	15+1	1	018430215

1844

automatic cable reel, with 3Gx1.5 mm² cable

- 3Gx1.5 mm² cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1844 30-H05, 2 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1844 10-H05	H05VV-F	10+1	1	018440310
1844 15-H05	H05VV-F	15+1	1	018440315
1844 15-H07	H07RN-F	14+1	1	018440317
1844 30-H05	H05VV-F	30+2	1	018440330

1844SCK

automatic cable reel with 3Gx1.5 mm² cable and SCHUKO type socket

- 3Gx1.5 mm² cable
- With thermal protection switch
- Length of cable out of drum: 1 m
- Supplied with 1.5 m incoming cable and SCHUKO type socket
- Rack mechanism can be disabled to keep cable pulled
- Max. power (rolled up): 1500W (230V-20°C)
- Max. power (unrolled): 2500W (230V-20°C)
- Supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1844 15-H05/SCK	H05VV-F	15+1	1	018440316
1844 15-H07/SCK	H07RN-F	14+1	1	018440318
1844 15-H05/3SCK	H05VV-F	15+1	1	018440319

1845

automatic cable reel, with 3Gx2.5 mm² cable

- 3Gx2.5 mm² cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1845 25-H07RN-F, 1.5 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (230V-20°C)
- max. power (unrolled): 3000W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1845 12-H05	H05VV-F	12+1	1	018450365
1845 15-H07	H07RN-F	15+1	1	018450367
1845 25-H07	H07RN-F	25+1,5	1	018450377

1845EM/3

Automatic cable reel, with 3Gx2.5 mm² cable and TYPE 2 socket for charging electric vehicles

- 3Gx2.5 mm² cable
- With thermal protection switch
- Cable length out of drum: 1 m
- Supplied with a 1.5-m-long incoming cable and a TYPE 2 socket
- Rack mechanism can be disabled to keep cable pulled
- Max. power: 3400W (230V-50Hz-16A)
- Supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1845EM/3	H07BZ5-F	7+1	1	018450403

1846
automatic cable reel, with 4Gx1.5 mm² cable

- 4Gx1.5 mm² cable
- without thermal protection switch
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (400V-20°C)
- max. power (unrolled): 1900W (400V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1846 10-H05	H05VV-F	10+1	1	018460405
1846 10-H07	H07RN-F	10+1	1	018460407
1846 15-H05	H05VV-F	15+1	1	018460415

1847
automatic cable reel, with 4Gx2.5 mm² cable

- 4Gx2.5 mm² cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (400V-20°C)
- max. power (unrolled): 2700W (400V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1847 10-H05	H05VV-F	10+1	1	018470420
1847 15-H07	H07RN-F	15+1	1	018470427

1848
automatic cable reel, with 5Gx1.5 mm² cable

- 5Gx1.5 mm² cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (400V-20°C)
- max. power (unrolled): 1900W (400V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE IP42

		L m		
1848 10-H05	H05VV-F	10+1	1	018480510
1848 15-H07	H07RN-F	15+1	1	018480517

1852R1750/N
portable induction heater

CE

Heats and loosens extremely stuck bolts, nuts, hubs and bearings without using flames.
Allows any type of ferromagnetic metal to be heated.

Benefits:
• Time saving: quick, extremely accurate heating
• Fire safety: does not produce flames, maximum operator safety
• Functional: can be used with one hand, and coils can be easily interchanged.

Standard equipment:
• Two front attachable coils, Ø 19 and 26 mm, for loosening nuts
• One contact coil
• One flat coil for heating surfaces
• One flexible coil, 800 mm long
• Supplied in plastic case

Technical data:
• Input voltage: 230V AC, 50/60 Hz
• Input current: max. 7.5A
• Power: max. 1.75 kW

Fields of application:
• Automotive industry
• Industrial maintenance
• Aviation industry
• Naval industry
• Petrochemical industry

1852R1750/N	1	018520176

480x370x130 mm - 5 kg

1852S-CNT
contact coil

1852S-CNT	1	018520520

1852S-CC
spoon coil

1852S-CC	1	018520521

1852S-KR/CNT
kit of spare parts for contact coil

1852S-KR/CNT	1	018520522

1852S-L
side attachable coils

	Ø mm	M	L mm		
1852S-L 19	19	M6	220	1	018520501
1852S-L 20	20	M8	220	1	018520502
1852S-L 23	23	M10	220	1	018520503
1852S-L 26	26	M12	220	1	018520504
1852S-L 32	32	M16	220	1	018520505
1852S-L 38	38	M20	220	1	018520506
1852S-L 45	45	M22	220	1	018520507

1852S-F
front attachable coil

	Ø mm	M	L mm		
1852S-F 19	19	M6	220	1	018520508
1852S-F 20	20	M8	220	1	018520509
1852S-F 23	23	M10	220	1	018520510
1852S-F 26	26	M12	220	1	018520511
1852S-F 32	32	M16	220	1	018520512
1852S-F 38	38	M20	220	1	018520513
1852S-F 45	45	M22	220	1	018520514

1852S-FLESS
flexible coil

	L mm		
1852S-FL750	750	1	018520519
1852S-FLESS	800	1	018520515
1852S-FL1000	1000	1	018520517
1852S-FL1500	1500	1	018520518

1852 S-PIATTE
flat coil

1852S-PIATTE	1	018520516

1852RL3700
Portable induction heater, 3.7 kW, with coolant

The liquid-cooled portable induction heater is the ideal solution for the quick, efficient heating of ferromagnetic and conductive materials. The 2-m-long inductor results in remarkable versatility, catering to different work requirements.

Benefits:
• Time-saving: quick, extremely accurate heating
• Fire safety: does not produce flames, maximum operator safety
• Functional: can be used with one hand, and coils can be easily interchanged.

Technical data:
• Input voltage: U1 230 V 50/60 Hz
• Input current: I1 16 A
• Max. power: P2max 2400 W

Fields of application:
• Automotive
• Garages/vehicle repair
• Railway and naval industry
• Heating and piping installation
• General maintenance

1852RL3700	1	018520370

240x200x440 mm - 11,5 kg

1852L3700
coolant for 3.7 kW portable induction heater

- 3-l tank
- Operating temperature: -20 °C ÷ 102 °C

1852L3700	1	018520372

1852RL-P
extensions for coils of 3.7 kW induction heater

1852RL-P	1	018520555

1852RL-S/40
round coils, ø 40 mm, for induction heater item 1852RL3700

1852RL-S/40	1	018520584

1852RL-S/45
round coils, ø 45 mm, for induction heater item 1852RL3700

1852RL-S/45	1	018520583

1852RL-S/53
round coils, ø 53 mm, for induction heater item 1852RL3700

1852RL-S/53	1	018520582

1852RL-R
adapter for round coils of 3.7 kW induction heaters

1852RL-R	1	018520585

1852RL-S/CNT
contact coils with inductor for induction heater item 1852RL3700

1852RL-S/CNT	1	018520586

1852RL-S/D
straight coils

1852RL-S/D	1	018520554

1852RL-S/DR
wheel nut coils

1852RL-S/DR	1	018520551

1852RL-S/I
tilted coils

1852RL-S/I	1	018520553

1852RL-S/L
side attachable coils for induction heater item 1852RL3700

1852RL-S/L	1	018520552

1808
dual rating soldering iron with steel tips 1824R8

W	V		
20/130	230	1	018080001

1812 150
instant heat soldering iron

W	V		
150	230	1	018120015

1814M
soldering irons
with steel tips

W	V		
25	230	1	018140225
30	230	1	018140230
40	230	1	018140240

1820
soldering irons

1820 30 30W L = 210mm	1	018200003
1820 60 60W L = 220mm	1	018200006
1820 80 80W L = 260mm	1	018200008

1822
high-performance soldering irons

1822 120 120W LxA = 250x125 mm	1	018220012
1822 180 180W LxA = 250x125mm	1	018220018
1822 320 320W LxA = 250x140mm	1	018220032

1823 60
digital soldering station
supplied with soldering iron

- **Temperature range: 160 °C ÷ 480 °C with ±1% accuracy.**
- **Memory mode designed to save the temperature selected when switching off the station.**
- **3 quick selection keys (200-300-400 °C).**

W		
60	1	018230060

1823R/60
spare soldering iron for item 1823 60

1823R 60	1	018230066

1824R
spare tips for soldering irons

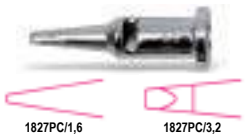
1824R 08 1808	1	018240100
1824R 12 1812/150	1	018240301
1824R 14-M25 1814M/25	1	018240152
1824R 14-M30 1814M/30	1	018240153
1824R 14-M40 1814M/40	1	018240154
1824R 20 1820/30	1	018240302
1824R 60 1820/60	1	018240303
1824R 80 1820/80	1	018240304
1824R 120-180 1822/120 -/180	1	018240305
1824R 320 1822/320	1	018240307
1824R ST-60 1823-60	1	018240308

1825B
soldering tin wire with antioxidant

- **1 mm²; 250 g**
- **Sn 99.3%; Cu 0.7%**

1825B	1	018250251

1827PC
spare conical tips for item 1827



1827PC 1,6	1	018270501
1827PC 3,2	1	018270502

1827PCL
spare knife tips for item 1827

1827PCL 2,4	1	018270503

1827PFL
spare naked flame tips for item 1827

1827PFL	1	018270504

1827/K
gas soldering iron with 7 accessories
in case with soft polyethylene
foam base

Features:
- Power: 30 watts to 125 watts
- Tip temperature can be adjusted between 250 °C and 500 °C
- Gas flow regulator
- Warm-up time: 15 seconds
- Tank contains gas for 120 minutes' non-stop operation
- Clear tank for monitoring gas level
- Can be refilled with butane gas

1827/K	1	018270100

1827F

butane gas soldering iron

35 g tank

- three interchangeable nozzles: 550 °C; 1000 °C; 1300 °C
- supplied with a stand in hard case

1827F	1	018270200

1830T

dissoldering pipe with antistatic plastic (PTFE) nozzle

L mm		
190	5	018300021

7041LCD/4S

auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.
4 sensors
with TRUE COLOR filter
solar cell power supply and lithium batteries for outstanding LCD filter life

- Viewing area: 98x80 mm
- Darkening shade range: 5÷8.5/ 9-13, internally adjustable
- UV/IR protection: DIN16
- Light to dark time: 1/25000 s
- Dark to light time: 0.1-2.0s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Low battery indicator
- Ergonomic design, lightweight, well-balanced
- With adjustable ring nut

7041LCD/4S	1	070410001

7041LCD/4S-VE

scratch-proof lens protector for item 7041LCD/4S

7041LCD/4S-VE	2	070410101

7041LCD/4S-VI

inside lens for item 7041LCD/4S

7041LCD/4S-VI	2	070410102

7042LCD

Auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.
Solar cells power supply and lithium batteries for outstanding LCD filter life

- Viewing area: 98x43 mm
- Darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- Light to dark time: 1/25000 s
- Dark to light time: 0.25-1s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Optimized shape to make it easier to breathe with pulled-down screen

7042LCD	1	070420001

7042LCD/RV

scratch-proof lens protector for item 7042LCD, 7043

7042LCD/RV	2	070420101

7042LCD/RV-INT

inside lens for item 7042LCD, 7043

7042LCD/RV-INT	2	070420102

7043

auto-darkening LCD mask, for electrode welding, MIG/MAG, TIG and plasma, solar cell power supply

- viewing area: 92x43 mm
- darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- light to dark time: 1/1000 s
- dark to light time: 0.1-1.0 s
- adjustable darkening delay
- auto on/off
- grinding feature
- optimized shape to make it easier to breathe with pulled-down screen

7043	1	070430001

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

	Items	
	from	to
Wheels		
	720MRC	729T
	962	989B
	1530/C5	1531/C7
Engine		
	955	960VTC
	1440	1462/KEP
	1472	1485TC
	1737	1758S
Body work		
	1303	1369/C11
	1478	1479U/32
	1505V	1539
Transmission		
	1438	1438DSG
	1566N	1569/F
	1884	1884N/C8
Diagnostics		
	1464T/N	1465
	960PMC	961N
	1758VT	1760/IR1600
Brakes		
	1466/C5	1471T/C5
Oil and filters		
	1488/1	1496/C
	1877	1889N
Electric system		
	1489/33	1489/Y
	1497P	1497/C94
Starters		
	1498BC/12	1498/DG1100E
Suspension		
	1550U	1567
Garage equipment		
	1875LT	1879R/K4
	1893/134A	3004
Lifting tools		
	3006	3026/SAM
Hydraulic bench press		
	3027N 10	3028/KP
Jacks		
	3029/2T	3069

1875LT

injection/extraction carpet/upholstery cleaner

Ideal for deeply cleaning textile surfaces.
It dispenses pressure sprayed detergent and sucks it up with dirt, leaving surfaces almost dry

Supplied accessories:
- **1 hose complete with ergonomic handle**
- **1 dispenser unit**
- **2 hard extensions**
- **1 small spray extraction nozzle**
- **1 big spray extraction nozzle**
- **6 power cord locknuts**

1875LT	1 018750000

1877

exhausted oil drain unit, wheeled, with 90 l tank

- **level indicator**
- **big diameter pan with breakwater grate; capacity: 12 l**
- **pneumatic tank emptying through 1.8 m pipe**
- **tool tray**

1877	1 018770008

1877A

exhausted oil drain unit / vacuum cleaner, wheeled, with 90 l tank and pre-chamber

- **level indicator**
- **big diameter pan with breakwater grate; capacity: 12 l**
- **transparent pre-chamber: capacity 9.5 l**
- **1.8 m suction pipe**
- **pneumatic tank emptying through 1.8 m pipe**
- **tool tray**

Standard accessories:
- **1 hard probe, Ø 5x700 mm**
- **1 flexible probe, Ø 5x700 mm**
- **1 hard probe, Ø 6x600 mm**
- **1 flexible probe, Ø 6x700 mm**
- **1 flexible probe, Ø 7x700 mm**
- **1 flexible probe, Ø 8x700 mm**
- **adapters for VW, BMW, CITROËN**

1877A	1 018770080

1877F

exhausted oil drain unit for 1 l bottles

- **fits up to 4 bottles at a time**
- **Supplied with 2 2-l jerrycans**

H mm	L mm	P mm	
405	270	240	1 018770100

1877P

exhausted oil drain unit, wheeled, with polyethylene tank

- tank capacity: 40 l
- large oil pan made of PP
- level indicator
- pneumatic drum emptying

	H min-Max mm	H1 mm	l		
1877P	1030-1630	900	40	1	018770180

1878 2

fluid collection tank

- maximum capacity: 2 l
- particularly suitable for changing oil in scooters

	l	H mm		
1878 2	2	85	1	018780002

1878 4

fluid collection tank, portable

- suitable for motorcycles
- maximum capacity: 4 l
- reduced splashing

	l	H mm		
1878 4	4	100	1	018780004

1878 8

fluid collection tank

- height suitable for motorcycles
- maximum capacity: 8 l

	l	H mm		
1878 8	8	110	1	018780008

1878 11

fluid collection tank

- Maximum capacity: 11 l
- Fluid drain plug
- Interior wall for preventing fluid leakage during transportation

	l		
1878 11	11	1	018780011

1878 30

fluid collection tank

- Maximum capacity: 30 l
- Splashproof grate
- Fitted with 4 pivoting wheels

	l		
1878 30	30	1	018780030

1879

9.5 l manual/pneumatic operation fluid extractor

1879 9,5		1	018790001

1879R/K4

kit of 4 spare tubes for fluid extractor 1879

1879R/K4		1	018790504

1879/FUEL

manual operation fluid extractor, 6 l

for use with hydrocarbons

	l		
1879/FUEL	6	1	018790010

1880

manual oil barrel pump

- for oil
- do not use with aqueous fluids, acid solvents, Diesel oil, petrol and the like
- complete with barrel connection, telescopic tube and delivery spout
- for use with 60, 100 and 200 l barrels

	gr		
1880	240	1	018800001

1880ADB

rotary AdBlue® pump

- 5 litres supplied every twenty turns
- drum extensions up to 1.20 m
- 1 fine-pitch drum coupling, fine pitch
- 1 coarse-pitch drum coupling

1880ADB		1	018800101

1881
pneumatic barrel pump, ratio 3:1

	l/min		
1881	18	1	018810001

1882N
oil gun with flexible head and automatic drip catcher

1882N	1	018820110

1883N
digital litre counter for oil

1883N	1	018830036

1883NC
male-male nipple, 1/2,
for items 1882N and 1883N

1883NC	1	018830135

1884
oil filler tool
for manual and automatic gearboxes and differentials
Complete with 12 adaptors for direct connection

1884	1	018840010

AT-101	FORD
AT-102	UNIVERSAL (Bmw, Honda, Nissan...)
AT-103	VW-AUDI
AT-104	VW-AUDI-PORSCHE
AT-105	VW-AUDI-MINI COOPER
AT-106	MERCEDES
AT-107	DSG
AT-108	VW-AUDI CVT
AT-109	VOLVO
AT-110	TOYOTA-LEXUS
AT-111	SKODA
AT-112	VW Passat/Tiguan <2007

1884N/C8
set of 8 adapters for item 1884

set contents:
- **1 adapter for Infiniti, 7-speed, M8x1.0**
- **1 adapter for Honda, Hyundai, Kia 5x8x200 mm**
- **1 adapter for Skoda M18x1.5**
- **1 adapter for Mini M14x1.5**
- **1 adapter for Nissan M10x1.5**
- **1 adapter for Nissan Juke M12x1.25**
- **1 adapter for GM M12x1.75**
- **1 adapter for VAG group vehicles, 7-gear**

1884N/C8	1	018840200

200x145x40 mm - 400 g

1889N
steel handling and storage base for 2 200-l barrels

1889N	1	018890220

1893/134A
automatic charging station for R134a gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs.
Database can be updated via software.
Machine can be operated in both manual mode (provided it is controlled by a human operator step by step)
and in fully automatic mode (without requiring a human operator).

R134A (250 ml)

FUNCTIONAL SPECIFICATIONS
Automatic operation
Car/lorry database with gas quantities and compressor oil quantities and types
Automatic gas recovery from pipe
Compensation of recharged quantity of gas in pipes
Automatic discharge of noncondensable gases
Automatic reporting of defects and required maintenance jobs
Gauges, ø 80 mm
Digital vacuometer

TECHNICAL SPECIFICATIONS
Gas tank: 15 kg
Vacuum pump: 75 l/min
Electronic balance: 50 kg
Electronic card with backlit display
Recovery rate: 500 rpm
Power supply: 220 V

1893/134A	1	018930001

1893/1234YF

automatic charging station for R1234yf gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs. Database can be updated via software.
Machine can be operated in both manual mode (provided it is controlled by a human operator step by step)
and in fully automatic mode (without requiring a human operator).

1234YF (250 ml)

FUNCTIONAL SPECIFICATIONS
Automatic operation
Car/lorry database with gas quantities and compressor oil quantities and types
Automatic gas recovery from pipe
Compensation of recharged quantity of gas in pipes
Automatic discharge of noncondensable gases
Automatic reporting of defects and required maintenance jobs
Gauges, ø 80 mm
Digital vacuometer

TECHNICAL SPECIFICATIONS
Gas tank: 15 kg
Vacuum pump: 75 l/min
Electronic balance: 50 kg
Electronic card with backlit display
Recovery rate: 500 rpm
Power supply: 220 V

1893/1234YF	1	018930012

1893TR/134A

R134a gas tracer

	ml		
1893TR/134A	250	1	018930901

1893TR/1234YF

R1234yf gas tracer

	ml		
1893TR/1234YF	250	1	018930902

1893TR/CI

hybrid compressor tracer

	ml		
1893TR/CI	250	1	018930903

1895GSI

control generator for (petrol and LPG) electro-injectors

Setting frequency and time parameters allows electro-injectors to be activated, for effective cleaning in ultrasonic tanks or diagnostic operations

Technical specifications:

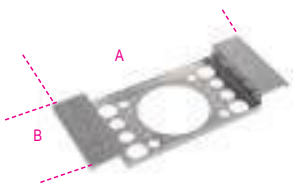
- Power supply: 110V o 220V
- Test duration: 0~99 min.
- RPM: 600~4000

1895GSI	1	018950810

1895/S

adjustable support for ultrasonic cleaning tanks 1895

Allows injectors to be correctly placed during washing in ultrasonic cleaning tank



	A mm	B mm		
1895S	340	140	1	018950501

1895 6

ultrasonic cleaning tank, 6 l

with special degas function

Features:
- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburettors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data
- Tank capacity: 6 l
- Drain tap
- Power: 150 W
- Heating power: 300 W
- Temperature range: 0÷80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 330x180x310 mm
- Tank dimensions: 300x155x150 mm
- Basket dimensions: 250x105x100 mm
- Maximum capacity: 5.5 kg

	Max		
1895 6	5,5	1	018950060

1895 13

ultrasonic cleaning tank, 13 l

with special degas function

Features:
- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburettors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data:
- Tank capacity: 13 l
- Drain tap
- Power: 300 W
- Heating power: 400 W
- Temperature range: 0÷80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 350x325x320 mm
- Tank dimensions: 325x235x145 mm
- Basket dimensions: 257x185x100 mm
- Maximum capacity: 12 kg

	Max		
1895 13	12	1	018950130

1895 27

ultrasonic cleaning tank, 27 l

with special degas function

Features:
• Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburettors, valves etc.)
• Digital display for temperature and cleaning time selection
• Two cleaning modes: "soft" and "normal"
• For normal cleaning, just use water at a temperature of 50/60 °C
• For more accurate cleaning, add non-foaming detergent solutions specific for ultrasonic tanks
• Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data:
• Tank capacity: 27 l
• Drain tap
• Power: 500 W
• Heating power: 500 W
• Temperature range: 0÷80 °C
•Cleaning time range: 0-99 minutes
• Frequency: 40 kHz
• Power supply: 220/230V
• Dimensions: 530x330x380 mm

	Max		
1895 27	25	1	018950270

1895 157

ultrasonic cleaning tank, 157 l

• Ultrasonic cleaning relies on fluid heating to effectively clean metal pieces in general (engine heads, transmission, catalysts etc.)
• Tank made from stainless steel AISI304
• Time/frequency controller
• Temperature adjustment thermostat
• 4 castors (2 with brakes) for transportation
• Tank power supply cable with industrial plug 3P+N+T (3 poles + neutral + earth)
• Controller power supply cable with Schuko plug

Technical data:
• Tank capacity: 157 l
• Drain tap
• Power: 2160 W
• Heating power: 5000 W
• Temperature range: 30÷110 °C
• Cleaning time range: 0-59 minutes
• Double frequency: 28 kHz and 40 kHz
• Power supply: 220-380V / 240-415V
• Dimensions: 840x640x750 mm
• Tank dimensions: 700x500x450 mm
• Rack dimensions: 680X480X200 mm
• Maximum capacity: 62 kg
• Generator power supply: 220 V
• Generator power: 2400 Watt
• Generator frequency: 40 kHz

	L mm	P mm	H mm		
1895 157	840	640	750	1	018950357

1895/RC

rack for ultrasonic tanks 1895

	L mm	L1 mm	A mm		
1895/RC6	290	140	100	1	018950506
1895/RC13	300	270	100	1	018950513
1895/RC27	460	260	150	1	018950527

9881U

9881U 1 (1-2)	532
9881U 1 (3)	532

9882R

9882R 1 (1-2)	532
9882R 1 (3)	532

1898/K40

Eco friendly, heated manual cleaning tank

• Using the bio-active liquid included, oil and residue can be effectively removed from mechanical parts without the need for aggressive chemicals
• The bio-active liquid converts the oil and other residue into carbon dioxide and water which can be re-used again and again
• no need for specialist waste collection and disposal
• suitable for both metal and plastic parts

Equipment:
• Long bristle brush and connecting pipe
• Right-hand and left-hand operation function
• Perforated stainless steel grid
• Wheels with brakes
• Card with display operating temperature and low level alert

Accessories Included:
• 2 20 l cans of environmentally friendly liquid detergent and 2 packs of bacteria

Technical data:
• Max. pump capacity: 10 li/min
• Tank capacity: 40 l
• Operating temperature: +5 °C ÷ +40°C
• Dimensions: 900 x 1000 x 750 mm
• Weight: 50 kg (when empty)

Attention:
Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France, Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

1898/K40	1	018980004

ATTENTION
Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France (from 2021), Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

1898/B

bottle of bacteria, 300 ml for part cleaning tank 1898/K40

1898/B	1	018980904

CAUTION:
Countries where item 1898/B is allowed to be distributed: Austria, Belgium, France, Italy, Netherlands, Poland, Portugal, United Kingdom, Spain, Hungary

1898/C
wheeled sprayer, 25 l

**Particularly useful in a variety of sectors: aeronautics, agriculture, automotive, cleaning, building and road construction,
chemical industry, manufacturing industry, mining industry, lube trucks and industrial vehicles, shipbuilding and railway transportation**

- **dual function: spraying and foaming**
- **painted steel tank**
- **stainless steel nozzle**
- **anti-twisting hose**
- **tank pressure gauge**
- **tank level indicator**

Technical data:
- Tank capacity: 25 l
- Supply hose length: 5 m
- Maximum working pressure: 4-5 bar
- Nozzle length: 0.65 m
- Maximum tank pressure: 8 bar

	H	L	P		
1898/C	810	360	360	1	018980940

1898/D
tank of environmentally friendly detergent liquid,
20 l, for part cleaning tank 1898/K40

1898/D	1	018980920

CAUTION:
Countries where item 1898/D is allowed to be distributed: Austria, Belgium, France, Italy, Netherlands, Poland, Portugal, United Kingdom, Spain, Hungary

1898/M
pressure sprayer
with 1,5 l tank
- **adjustable nozzle with straight jet and mist spray**
- **graduated scale 0.5 l - 1 l - 1.5 l**
- **locking lever for continuous jet**
- **not for use with hydrocarbons**

H mm	l		
340	1,5	1	018980930

1898/S
hand pressure pump
with 5 l tank
- **stainless steel nozzle**
- **locking lever for continuous jet**
- **adjustable nozzle with straight jet and mist spray**
- **shoulder strap for ease of transport**
- **nozzle hook-up handle**
- **1.2-m-long hose**
- **not for use with hydrocarbons**

H mm	l		
415	5	1	018980932

1899A/N
DPF-FAP® system cleaning machine

**Special detergents can be used to periodically clean and restore DPF and FAP® systems damaged by soot and ash deposits.
Results can be checked by self-diagnosis, which allows soot mass and differential pressure in diesel particulate filter before and after treatment to be determined.**

Supplied with:
- 1 2-m-long feed pipe
- 1 quick coupler + hose nozzle for differential sensor hoses
- 1 niplex M18x1.5 with hose nozzle for direct connection to lambda probe
- 1 extension hose
- 1 DPF/FAP® spray nozzle
- 1 magnetic pipe support
- 1 DPF/FAP® pipe with adjustment cable gland plus niplex M14/16/18 mm for connecting lambda probes
- 1 non-return valve

Specifications:
- Operating voltage: 12 V
- Power supply cord length: 3.9 m
- Tank capacity: 1 l

1899A/N	1	018990020

1899SI
2-in-1 machine for cleaning injectors and intake manifold

special detergents can be used to periodically clean the injectors and the intake manifold in diesel and petrol engines, removing carbonaceous deposits and combustion residues

Specifications:
- Operating voltage: 12 V
- 2 service hoses with quick couplers
- 2 tanks (capacity: 1 l each)

1899SI	1	018990030

2250-O
heavy duty swivel creeper seat with tray

2250-O	1	022500011

2251N
swivel creeper seat with drawers

**- round swivel seat, vertically adjustable through a gas piston mechanism (445-580 mm)
- square tool chest (380 mm) with 2 drawers (2+1)
- drawer dimensions: 350x180x90 mm
- tote-tray dimensions: 2X 190x190mm - 1X 380x190mm**

- 4 pivoting castors, Ø 75 mm

L mm	L1 mm	H min÷Max mm		
2251N	380	380	445÷580	1	022510012

2252
seat with castors

2252-G	1	022520002

2252KR4
spare seat castors 2252

2252KR4	1	022520900

2258N-O
heavy-duty creeper with tool chest

2258N-O	1	022580021

2258RR
spare castor for heavy-duty creeper 2258N

2258 RR	1	022580111

2254A
car covers, for outdoor use, water-repellent and UV-resistant

These covers are ideal for protecting damaged vehicles while waiting to be repaired

Technical specifications
- **exterior finish with UV protection treatment**
- **soft, nonscratch interior finish**
- **6 adjustment strings for making cover fit close to car**
- **2 front door zips to allow access to vehicle without having to remove cover**
- **mirror seats**
- **reflecting**

3 versions:
- Size M recommended for compact cars
- Size L recommended for saloon cars and station wagons
- Size XL recommended for SUVs

	LxPxH mm		
/M	4400x1450x1300	1	022540002
/L	5300x1450x1150	1	022540000
/X	4700x1450x1580	1	022540001

2254C
suction cup protector for vehicles' bodies

Made of plastic-coated fabric, with 4 suction cups on top side

	L1 mm	L2 mm		
2254C	1150	650	1	022540200

2254F
car front protector

Allows front part of vehicle to be protected, while leaving openings for headlights and radiator

- Waterproof
- Resistant to oil and grease
- Strap fixing
- Material: 98% polyamide/nylon, 2% polyurethane

2254F	1	022540150

2254K
reusable seat, steering wheel and gear knob protector

Suits most car seats, steering wheels and gear knobs

2254K	1	022540101

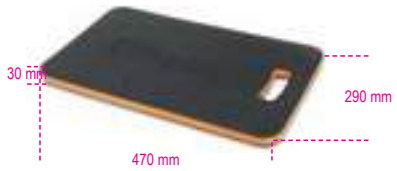
2254SM
creeper mat, made of EVA

Double finish:
- **1 side in soft EVA**
- **1 side in hard carbon look for improved slip performance**

2254SM	1	022540033

2254T
kneeling pad

made from non-slip EVA foam



2254T	1	022540047

3000L
creeper

- **PVC lining with upholstered foamed rubber designed for remarkable comfort**

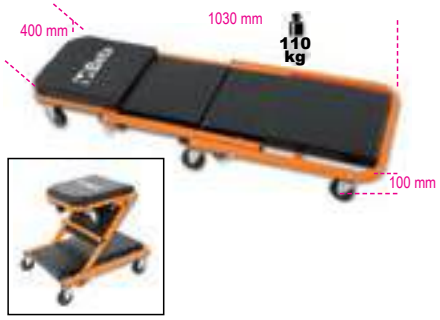
3000L	1	030000210

3000L/RLS
spare creeper castors

3000L/RLS	6	030000212

3002
creeper and seat

- **Steel frame**
- **PVC lining with upholstery**
- **Easily convertible into a creeper or a seat**



3002	1	030020001

3002/RLS
6 spare wheels for creeper 3002

3002/RLS	1	030020501

3003
creeper
made of shockproof plastic

- **Wheel Ø: 76 mm**

3003	1	030030001

3003/RLS
6 spare wheels for creeper 3003

3003/RLS	1	030030501

3003C
creeper made of shockproof plastic

Complete with:
- **head and lumbar region with carbon look finish**
- **upper metal plates for fixing magnetic accessories**
- **6 rubber castors, 79 mm in diameter**
- **Max. capacity: 120 kg**
- **Weight: 5.5 kg**

3003C	1	030030100

3003C/RLS
6 spare wheels for creeper 3003C

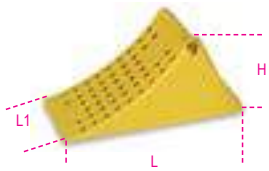
3003C/RLS	1	030030600

3003PRO
creeper made of shockproof plastic

Complete with:
- **ergonomic head cushion**
- **soft back protector**
- **2 178 mm double bearing castors for trouble-free use on uneven surfaces and pipes/cables**
- **1 castor**
- **double height adjustment from the ground: 38 or 76 mm**
- **2 portable LED lamps (250 lumens) with fixing magnets**
- **load capacity: 200 kg**
- **weight: 7.7 kg**

C max kg	H min mm	H Max mm	H1 mm		
200	170	230	230	1	030030150

3004
wheel stop wedge



	H mm	L mm	L1 mm		
3004	225	475	200	1	030040000

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

	Items	
	from	to
Wheels		
	720MRC	729T
	962	989B
	1530/C5	1531/C7
Engine		
	955	960VTC
	1440	1462/KEP
	1472	1485TC
	1737	1758S
Body work		
	1303	1369/C11
	1478	1479U/32
	1505V	1539
Transmission		
	1438	1438DSG
	1566N	1569/F
	1884	1884N/C8
Diagnostics		
	1464T/N	1465
	960PMC	961N
	1758VT	1760/IR1600
Brakes		
	1466/C5	1471T/C5
Oil and filters		
	1488/1	1496/C
	1877	1889N
Electric system		
	1489/33	1489/Y
	1497P	1497/C94
Starters		
	1498BC/12	1498/DG1100E
Suspension		
	1550U	1567
Garage equipment		
	1875LT	1879R/K4
	1893/134A	3004
Lifting tools		
	3006	3026/SAM
Hydraulic bench press		
	3027N 10	3028/KP
Jacks		
	3029/2T	3069

3006

jack and positioner for tractor and excavator wheels

- max. capacity: 1,500 kg
- min. wheel diameter: 1,000 mm
- max. wheel diameter: 2,200 mm
- max. wheel thickness: 800 mm

CE

3006	1	030060000

3006 R/RGF

spare castor with brake for wheel jack and positioner 3006

3006 R/RGF	1	030060501

3006 R/RG

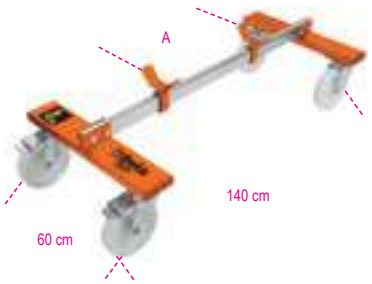
spare castor for wheel jack and positioner 3006

3006 R/RG	1	030060502

3007

underbody trolley for vehicles without forecarriage / rear axle

Allows vehicles without forecarriage or rear axle to be easily handled while working
- **4 pivoting wheels, including 2 with brakes, suitable for use in painting furnaces**
- **2 sliding supports to fit all chassis**
- **max. capacity: 800 kg**



	A Max mm		
3007	110	1	030070001

3007 R/RGF

spare castor with brake for vehicle underbody trolley 3007

3007 R/RGF	1	030070501

3007 R/RG

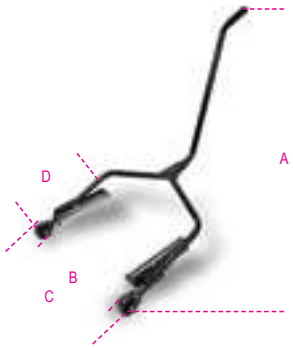
spare castor for vehicle underbody 3007

3007 R/RG	1	030070502

3008M

manual jack and positioner for truck wheels

capacity: 136 kg



	A	B	C	D		
3008M	1300	600	700	260	1	030080210

3008N

jack and positioner for single and twin truck wheels

- **maximum capacity: 500 kg**
- **minimum height: 120 mm**
- **maximum height: 650 mm**
- **distance between rollers: 429÷670 mm**
- **hydraulic overloading safety device**
- **front pivoting wheels**

CE

3008N	1	030080110

3009
wheel lifter

Maximum lifting capacity: 550 kg
4 pivoting rollers
Roller width: 200 mm
For wheels up to 240 mm in width

A	B		
400÷850 mm	600 mm	1	030090001

3009R/GR4
4-wheel groups for trolleys 3009 R/GR4

3009R/GR4	1	030090501

3010/T...
jack stands, pair

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm		
2000	280	425	245	185	165		
3010T 2						1	030100002
3000	285	430	250	180	195		
3010T 3						1	030100003
6000	400	580	340	245	280		
3010T 6						1	030100006
10000	471	735	420	330	290		
3010T 10						1	030100010

3011/T
hydraulic bottle jacks

C max kg	H min mm	H Max mm	L mm		
2000	174	369	90		
3011T 2				1	030110020
3500	170	366	86		
3011T 3,5				1	030110035
5000	203	467	118		
3011T 5				1	030110050
10000	220	484	114		
3011T 10				1	030110100
15000	230	497	113		
3011T 15				1	030110150
20.000	245	521	115		
3011T 20				1	030110200
32.000	260	420			
3011T 32				1	030110320
50.000	280	450			
3011T 50				1	030110500

3010H
heavy-duty jack stands

C Max kg	H min mm	H Max mm	L mm	L1 mm		
15,000	445	631	300	300		
3010H631-T15					1	030100150
15,000	645	1077	300	300		
3010H1077-T15					1	030100165

3010V
heavy-duty jack stands, screw adjustable

C Max kg	H min mm	H Max mm	L mm	L1 mm		
20,000	410	600	330	330		
3010V600-T20					1	030100200
20,000	665	1090	460	460		
3010V1090-T20					1	030100220

3012
engine brackets

L mm	C max kg		
1500	500	1	030120010
1800	400	1	030120018

3012C
lower engine bracket

ideal for cars and commercial vehicles

3012C	1	030120255

3014
engine stand

3014	1	030140010

3014R/GR5
5 spare wheels for engine stand 3014

3014R/GR5	1	030140501

3014 SAR
folding engine stand

- **Easy to fold up, for significantly increased compactness**
- **Allows 360° rotation of engine or gear**
- **Provides unparalleled safety and stability during jobs**

Maximum capacity: 450 kg

3014SAR	1	030140360

3014SAR/RR
4 spare wheels for engine stand 3014SAR

3014SAR/RR	1	030140370

3022 0,3
hydraulic pit and under bridge jack

Features:

- **Maximum capacity: 300 kg**
- **Minimum height: 1140 mm**
- **Maximum height: 1975 mm**
- **Pedal pump**
- **Chrome-plated stand, Ø 25 mm**
- **Release knob**
- **Pivoting castors**

H min mm	H max mm	L mm		
1140	1975	600	1	030220003

3022 0,6
hydraulic pit and under bridge jack

Features:

- **Maximum capacity: 600 kg**
- **Minimum height: 1140 mm**
- **Maximum height: 1975 mm**
- **Pedal pump**
- **Chrome-plated stand, Ø 30 mm**
- **Release knob**
- **Pivoting castors**

H min mm	H max mm	L mm		
1140	1975	600	1	030220006

3022/R0,6
4 spare swivel wheels for hydraulic jack item 3022 0.6

Wheel Ø: 75 mm

3022/R0,6	1	030220906

3022 1,0
hydraulic pit and under bridge jack

Features:

- **Maximum capacity: 1000 kg**
- **Minimum height: 1167 mm**
- **Maximum height: 2007 mm**
- **Pedal pump**
- **Chrome-plated stand, Ø 35 mm**
- **Release knob**
- **Pivoting castors**

H min mm	H max mm	L mm		
1167	2007	600	1	030220010

3022/R1,0
4 spare swivel wheels for hydraulic jack 3022 1.0

Wheel Ø: 99 mm

3022/R1,0	1	030220910

3023
pit and under bridge jack with screw adjustment

maximum carrying capacity: 400 kg

H min-Max mm	Ø mm		
3023 1350÷2030	300	1	030230050

3024 0,6

folding hydraulic crane with dual effect pump

Features:

- **Maximum carrying capacity: 600 kg**
- **5 loading positions: 400-450-500-550-600 kg**
- **With load limiting valve and chrome-plated stand**
- **Controlled descent speed**
- **Nylon wheels**
- **Maximum height: 2300 mm**
- **Working radius of arm: min. 960 mm – max. 1350 mm**
- **Operating unit can be rotated 200°**

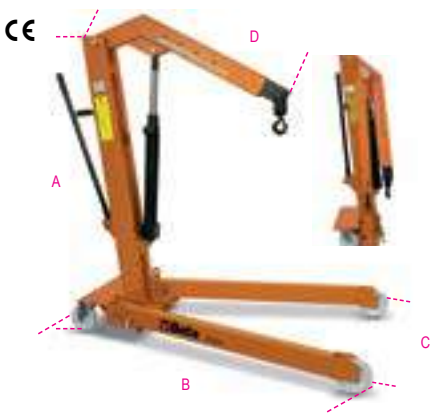
	H	H1	P	P1		
	1540	2300	1375	925	1	030240006

3025N

folding hydraulic crane with dual effect pump

Specifications:

- **Maximum capacity: 1 t**
- **4 loading positions: 300-600-800-1000 kg**
- **With load limiting valve and chrome-plated stand**
- **Controlled descent speed**
- **Nylon wheels**
- **Maximum height: 2420 mm**



	A	B	C	D		
	mm	mm	mm	mm		
	1560	1600	1000	880	1	030250110

3025N/PF

barrel handling pliers

maximum capacity: 300 kg

	A	B		
	mm	mm		
3025N/PF	550÷640	70	1	030250111

3026 0,3

hydraulic pit and under bridge jack

	H min	H Max	L	L1	Ø		
	mm	mm	mm	mm	mm		
	1120	1970	450	450	25	1	030260003

3026/R0,3

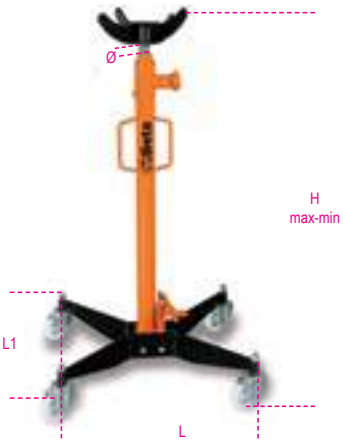
4 spare swivel wheels for hydraulic jack 3026 0,3

3026/R 0,3	1	030260903	

3026 0,5

hydraulic pit and under bridge jack

Maximum capacity: 500 kg



	H min	H Max	L	L1	Ø		
	mm	mm	mm	mm	mm		
	1140	1990	600	550	30	1	030260005

3026/R0,5

4 spare swivel wheels for hydraulic jack 3026 0,5

3026/R 0,5	1	030260905	

3026 1,0

hydraulic pit and under bridge jack

Maximum capacity: 1 t

	H min	H Max	L	L1	Ø		
	mm	mm	mm	mm	mm		
	1140	1990	650	550	35	1	030260010

3026/R 1,0

4 spare swivel wheels for hydraulic jack item 3026 1,0

3026/R 1,0	1	030260910	

3026 2P/1,5-0,6
hydraulic pit and under bridge jack, two-stage

Features:
- Dual speed piston ascent
- Double chrome-plated stand
- Load limiting valve
- Controlled descent speed
- Pivoting wheels
- Release knob

	L mm	L1 mm	H mm	H1 mm		
3026 2P/1,5-0,6	680	610	925	1935	1	030260015

3026/S
swivel transmission gear support with reduction bushes for jacks item 3026

Maximum capacity: 500 kg

3026/S	1	030260501

3026/SP
universal transmission support

Allows one operator to disassemble and reassemble any transmissions of cars, commercial vehicles and off-roaders quickly and safely.

3026/SP	1	030260505

3026/SA
wheel hub support for pit jacks
- for use for maintenance jobs relating to hubs, and during shock absorber replacement jobs
- can be adapted to hydraulic pit jacks items 3026 0,3 and 3026 0,5

	Ø mm		
3026/SA	30,4	1	030260510

3026/SAM
shock absorber support for pit jacks
- for use for supporting shock absorber when suspension arm is removed
- shock absorber bracket, max. diameter 80 mm, plus adapter for max. diameters 60 mm
- can be adapted to hydraulic pit jacks items 3026 0.3 and 3026 0.5

3026/SAM	1	030260515

3027N 10
hydraulic bench press with moving piston

- maximum capacity: 10 t
- manual 2-speed pump
- moving piston
- automatic piston return
- set of V-shaped prisms included
- chrome-plated stand

3027N 10	1	030270101

3027N 20
hydraulic press with moving piston

- maximum capacity: 20 t
- manual 2-speed pump
- moving piston
- chrome-plated stand
- automatic piston return
- hydraulic overloading safety device
- gauge
- set of V-shaped prisms included

3027N 20	1	030270102

3027N 30
hydraulic press with moving piston and hoist

- Maximum capacity: 30 t
- Manual 2-speed pump
- Moving piston
- Chrome-plated stand
- Automatic piston return
- Hydraulic overloading safety device
- Gauge
- Steel rope hoist for lifting worktop

3027N 30	1	030270103

3027N 50
hydraulic press with moving piston and hoist

- maximum capacity: 50 t
- manual 2-speed pump
- moving piston
- chrome-plated stand
- automatic piston return
- hydraulic overloading safety device
- gauge
- set of V-shaped prisms
- steel rope hoist for lifting worktop

3027N 50	1	030270105

3027N 100
motorized electro-hydraulic press with moving piston and hoist

- maximum capacity: 100 t
- three-phase motor: 230-400 V
- frequency: 50 Hz
- electric motor power: 3 kW
- two-speed electro-hydraulic pump
- operated by a three-position lever distributor: feed-neutral-return
- moving piston
- piston Ø: 100 mm
- worktop lifting by means of a steel rope hoist
- power cord with 4-pole industrial plug (380V)
- motor oil included

3027N 100	1	030270110

3027N/KP
set of pin punches and plate for press 3027N

3027N/KP10-20	3027N10-20	1	030270511
3027N/KP30	3027N 30	1	030270531
3027N/KP50	3027N 50	1	030270541
3027N/KP100	3027N 100	1	030270552

3027N/KPP
pedal control for hydraulic presses 3027N

3027N/KPP10	3027N 10-20-30	1	030270560
3027N/KPP50	3027N 50	1	030270565

3027PR/N
press supporting tool for removal/insertion of hubs, bearings and silent blocks

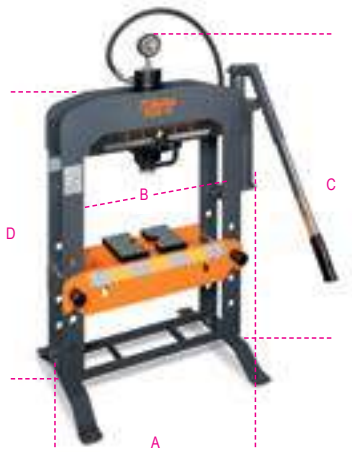
Universal device allowing user to install/remove hubs, bearings and silent blocks into/from their housings by operating via a press, through a supporting base and dedicated accessories. Designed to adapt to irregular geometric shapes of hubs/king pins on which operator must work.
Can be used with presses 3027N and 3028.

Technical data:
- Working range: min. 135 mm - max. 150 mm
- Maximum load bearing capacity: 20 t
- Dimensions: 250x202 mm

	L mm	P mm		
3027PR/N	250	200	1	030270410

3028 15
hydraulic bench press with moving piston

maximum capacity: 15 t
vertical top adjustment
sliding piston



A mm	B mm	C mm	D mm		
1010	565	480	80÷370	1	030280015

3028SP/15
protective screen for press 3028 15

3028SP/15	1	030280016

3028 20
hydraulic press with moving piston

maximum capacity: 20 t
vertically adjustable top
sliding piston

A mm	B mm	C mm	D mm		
850	540	1830	1602	1	030280020

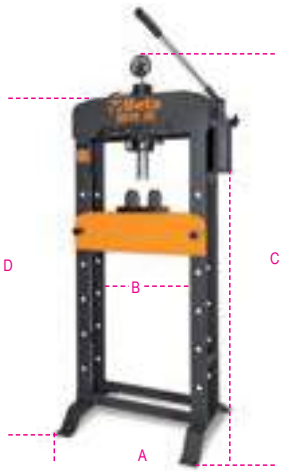
3028SP/20
protective screen
for presses 3028 20

3028SP/20	1	030280021

3028 30
hydraulic press with moving piston

maximum capacity: 30 t
vertically adjustable top
sliding piston

CE



A mm	B mm	C mm	D mm		
850	540	1850	1650	1	030280030

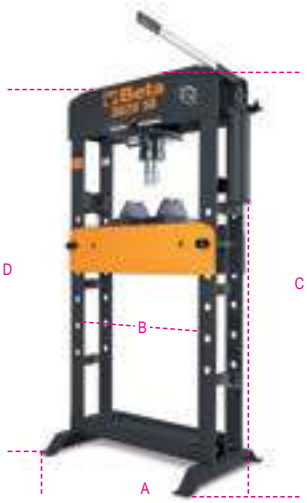
3028SP/30
protective screen
for presses 3028 30

3028SP/30	1	030280031

3028 50
hydraulic press with moving piston and hoist

maximum capacity: 50 t
vertical top adjustment through hoist
sliding piston

CE



A mm	B mm	C mm	E mm		
1100	750	1850	820	1	030280050

3028SP/50
protective screen
for presses 3028 50

3028SP/50	1	030280051

3028/KP
kit of pin punches and plate
for presses 3028

3028/KP	1	030280055

3029/2T
lowered hydraulic jack, 2 t, with 4 wheels

- **Quick approach pedal**
- **Steel frame and nylon wheels**
- **Minimum height: 75 mm**

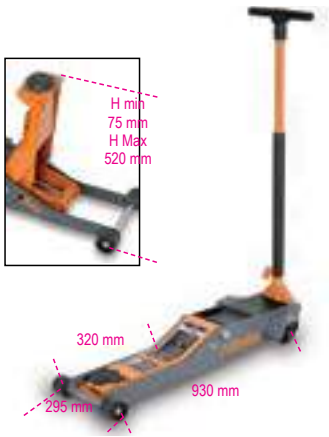
CE

3029/2T	1	030290020

3029L/2T
long, lowered jack, 2 t

Makes it possible to work on vehicles with reduced height from the ground and internal lifting point
- **Controlled descent speed**
- **Quick approach pedal**
- **Nylon wheels**

CE



3029L/2T	1	030290120

3029/2T-L/RP
spare 85-mm rubber plate for items 3029/2T and 3029L/2T

3029/2T-L/RP	1	030290502

3029/2T-L/R6
spare rear wheel for items 3029/2T, 3029L/2T, 3030H/2T, 3033E/3T

3029/2T-L/R6	1	030290506

3029/2T-L/R5
spare front wheel for jacks item 3029/2T and item 3029L/2T

3029/2T-L/R5	1	030290505

3029AL/1.5T
aluminium hydraulic jack, 1.5 t

Features:
- **Steel frame**
- **Convenient handle for transportation**
- **Nylon transportation bag included**
- **Nylon wheels**
- **Rubber-coated plate**

Not suitable for intensive use

CE

H min-max	L	L1		
88÷358	550	240	1	030290015

3029AL/1,5T-R1
spare front wheel for jack 3029AL/1.5T

3029AL/1,5T-R1	1	030290530

3029AL/1,5T-R2
spare rear wheel for jack 3029AL/1.5T

3029AL/1,5T-R2	1	030290531

3029AL/1,5T-RP
spare rubber plate for jack 3029AL/1.5T-RP

3029AL/1,5T-RP	1	030290532

3030/2T
lowered car jack, 2 t with 6 wheels
- **dual front tilting wheels made of plastic material (PTFE)**
- **car jack can be easily handled on uneven, irregular floors**
- **maximum capacity: 2 tons**

CE

3030/2T	1	030300020

43 kg

3030/2T-R5
front wheel with pin for jack 3030 2T

3030 2T/R5	1	030300505

3030/2T-R6
spare rear wheel for item 3030/2T

3030 2T/R6	1	030300506

3030/2TRP
spare 85-mm rubber plate for item 3030/2T

3030/2TRP	5	030300501

3030H/2T
high-lift hydraulic jack, 2 t, with 6 wheels

makes it possible to work on vehicles that are high from the ground and have a long shock absorber travel • controlled descent speed
- **quick approach pedal**
- **nylon wheels**

CE

H min-Max mm	L mm	L1 mm		
85÷780	1010	300	1	030300220

3033/3T
hydraulic jack, 3t long version
- **For use on commercial vehicles**
- **Maximum capacity: 3 t**
- **Polyamide wheels**

CE

3033/3T	1	030330030

3033E/3T

hydraulic jack,
3 t

- **controlled descent speed**
- **nylon wheels**

	H min-Max mm	L mm	L1 mm		
3033E/3T	95÷515	700	370	1	030330130

3033S 3T/R2

spare front wheel
for jack 3033E/3T

3033E 3T/R2	1	030330532

3035

tyre trolley

-2 castors Ø 260 mm
-2 castors Ø 125 mm
-Maximum carrying capacity: 200 kg
-Forks can be adjusted in 2 positions:
first position: maximum opening 880 mm
second position: maximum opening 980 mm
-Can be used as a top by locking position horizontally

3035	1	030350100

3036

wheel handling base

Non-marking rubber castors

3036	1	030360063

3061/2T

air hydraulic jack, 2 tons - 2 stages

Fitted with:
- high-resistance three-layer diaphragm and internal telescopic guide
- end-of-stroke stop and overloading safety valve
- can also be used on auto lifts

TECHNICAL DATA
capacity: 2 t
weight: 14 kg
power supply pressure: 8-10 bar
height: min.132 - max. 326 mm

3061/2T	1	030610020

3061/2T-P50

50-mm extension for item 3061/2T

3061/2T P50	1	030610021

3061/2T-P100

100-mm extension for item 3061/2T

3061/2T P100	1	030610022

3065/20-10T
air hydraulic jack, 20-10 t,
with case

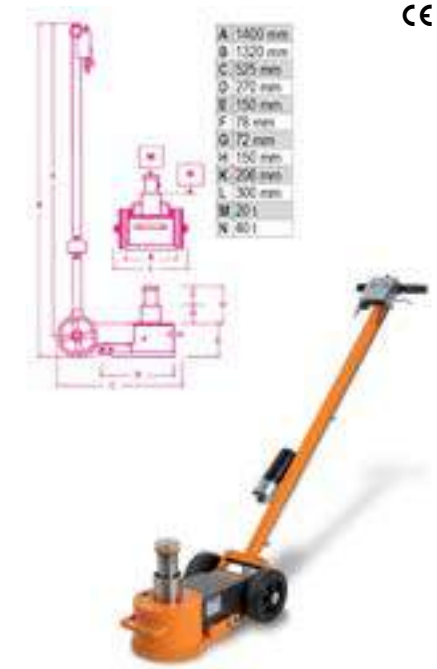
Portable and lightweight, ideal for road assistance operations

• Supplied with two extensions, 75 and 60 mm long

TECHNICAL DATA
capacity: 20-10 t
weight: 23 kg
power supply pressure: 8-10 bar
air consumption: 400 nl/min

3065/20-10T	1 030650100

3065/40-20T
air hydraulic jack, 40/20 tons



• suitable for use on heavy vehicles
• functional and easy to handle, for transportation on mobile repair shops as well
• automatic piston return
• two descent valves with under load speed control

TECHNICAL DATA
capacity: 40/20 tons
weight: 39 kg
power supply pressure: 8-10 bar
air consumption: 400 l/min

3065/40-20T	1 030650200

3067/60-15T
air hydraulic jack, 60-30-15 t

With a minimum height of no more than 120 mm, it is particularly suitable for use on buses, coaches and public means of transport

• Automatic piston return
• Two descent valves with under load speed control
• supplied with two extensions, 70 and 120 mm long

TECHNICAL DATA
capacity: 60-30-15 t
weight: 56 kg
power supply pressure: 8-10 bar
air consumption: 600 l/min

3067/60-15T	1 030670120

3067/70-13T
air hydraulic jack, 70-43-23-13 t

Long version, suitable for use on lorries, articulated vehicles, buses and coaches, and agricultural machines
• automatic piston return
• two descent valves with under load speed control

TECHNICAL DATA
capacity: 70-43-23-13 tons
weight: 74 kg
power supply pressure: 8-10 bar
air consumption: 600 l/min

3067/70-13T	1 030670130

3068
manual pallet jack
with short forks

TECHNICAL DATA
• maximum capacity: 2500 kg
• overall length: 1200 mm
• fork length: 800 mm
• fork width: 540 mm
• individual fork width: 160 mm
• lever height: 1230 mm
• max. lifting height: 115 mm

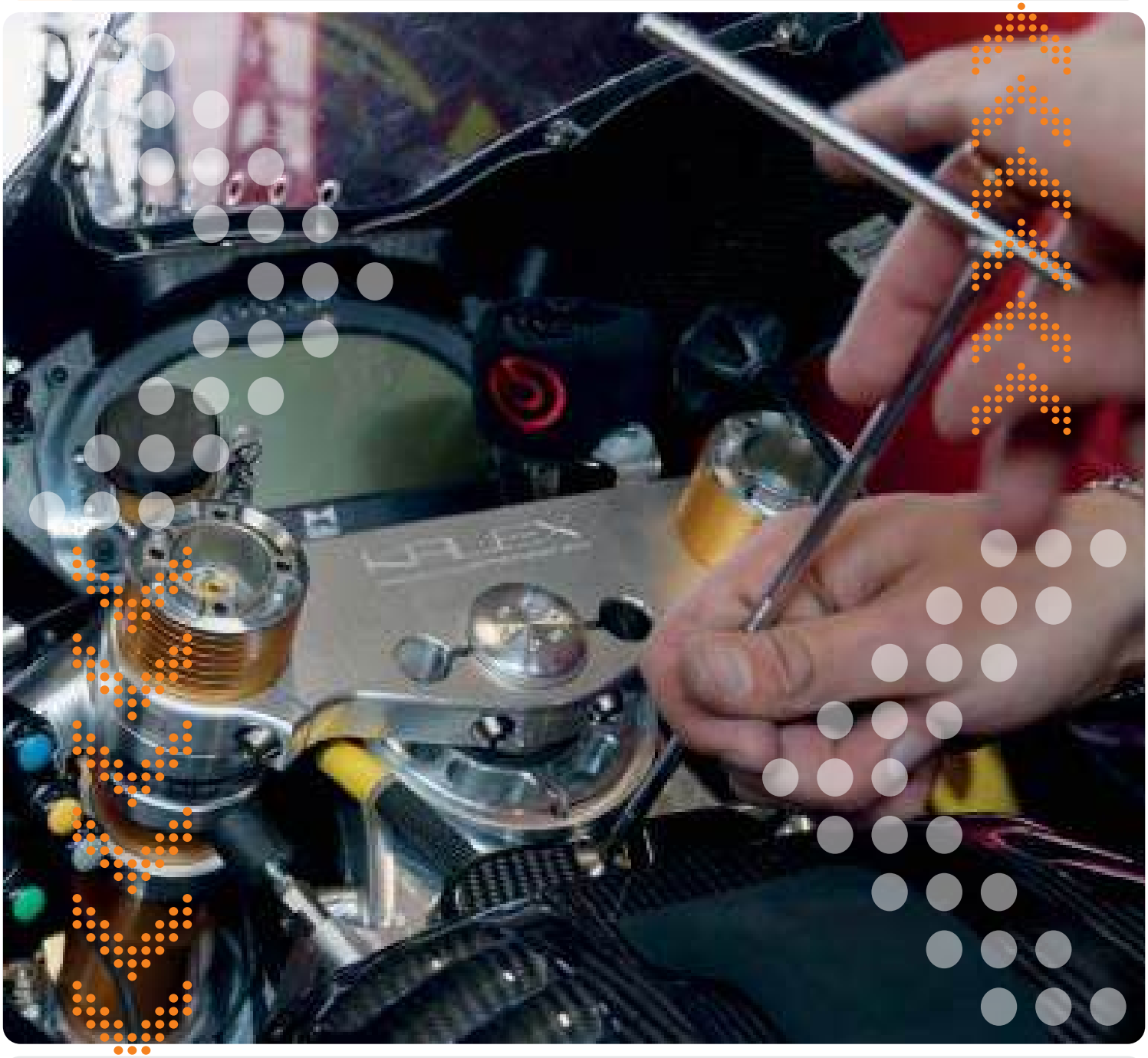
3068	1 030680000

3069
manual pallet jack

TECHNICAL DATA
• maximum capacity: 2500 kg
• overall length: 1550 mm
• fork length: 1150 mm
• fork width: 540 mm
• individual fork width: 160 mm
• lever height: 1230 mm
• max. lifting height: 115 mm
• pallet storage corridor: 800x1200 lengthwise: 1805 mm
• turning radius: 1347 mm

3069	1 030690000

MOTORCYCLE TOOLS



Beta's family of motorcycle repair tools comprises purpose-designed products for the motorcycle industry.

Our products are regularly updated, their quality being highly appreciated by the engineers and mechanics of the best racing teams in the Road Racing World Championship Grand Prix, Superbike World Championship, Motocross World Championship and World Enduro Championship.

3040C
rear motorcycle stand,
adjustable
- **Matt black lacquer**
- **4 thermoplastic rubber wheels**
- **Includes V-shaped sliders, pair**
- **Includes L-shaped sliders, pair**

3040C	1	030400002

3040C/S1
V-shaped sliders, pair,
for item 3040C

3040C/S1	1	030400503

3040C/S2
rubber L-shaped sliders, pair,
for item 3040C

3040C/S2	1	030400504

3041C
front motorcycle stand,
adjustable
- **Matt black lacquer**
- **4 thermoplastic rubber wheels**
- **Includes roller sliders, pair**
- **Includes cone-shaped sliders, pair**

3041C	1	030410002

3041C/12
roller sliders, pair,
for item 3041C

3041C/12	1	030410512

3041C/16
cone-shaped sliders,
for item 3041C

3041C/16	1	030410516

3042C
front stand
for motorcycle steering pin
- **Matt black lacquer**
- **4 thermoplastic rubber wheels**
- **Includes 8-pin kit Ø 13 - 15 - 15.5 - 17 - 19 - 20 - 21 - 27**

3042C	1	030420002

3043C
motorcycle stand
with left single arm
- **Matt black lacquer**
- **4 thermoplastic rubber wheels**
- **Optional pin**

3043C	1	030430002

3043C/ 41÷47
pin
for item 3043C

	Ø mm		
3043C/41 Ducati	21,5 ÷ 25,5	1	030430551
3043C/42 KTM - Triumph	27,5	1	030430552
3043C/43 MV	42,5	1	030430553
3043C/44 Ducati	40,5	1	030430554
3043C/45 Honda	28,5	1	030430555
3043C/47 BMW	53,5	1	030430557

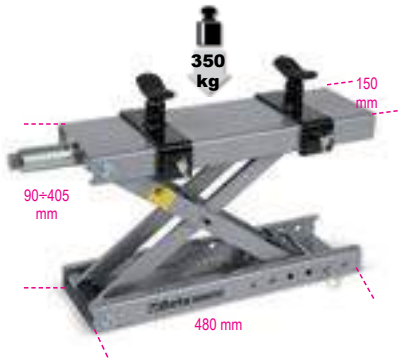
3047C
pedal stand for
cross/enduro motorcycles

3047C	1	030470002

3048C
Steel racing cross stand

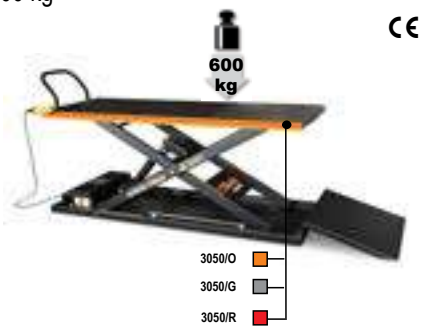
3048C	1	030480002

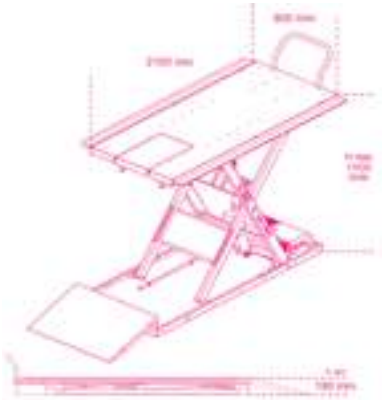
3050/CC
chock cradle centre stand
for Custom, Enduro, Cross, Scooter
motorcycles
includes adjustable support kit



3050/CC	1	030500012

3050/600
electro-hydraulic motorcycle jack, 600 kg

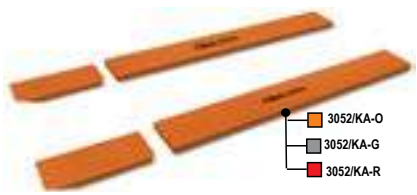




Technical specifications:
- Electrical, mechanical and hydraulic safety devices
- Capacity: 600 kg
- Integrated electro-hydraulic unit: 230V - 50 Hz
- Hydraulic pump
- Controlled downward speed
- Safety fuses for protection in case of cable cuts
- Control push button panel
- CE-certified, TÜV-approved

	L1 mm	L mm	H min mm	H Max mm		
3050/O	760	2100	180	1300	1	030500201
3050/G	760	2100	180	1300	1	030500202
3050/R	760	2100	180	1300	1	030500203

3050/KA
widening kit for jack item 3050/600



	A mm	B mm		
3050/KA-O	107,5	2100	1	030500221
3050/KA-G	107,5	2100	1	030500222
3050/KA-R	107,5	2100	1	030500223

3050/MS
wheel clamp for jack item 3050/600

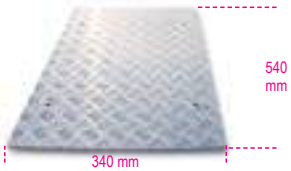
allows motorcycle front wheel to be locked to bridge

3050/MS	1	030500032

3050/MV
mechanical screw wheel clamp for jack 3050/600

3050/MV	1	030500034

3050/LA
non-slip sheet metal top for jack item 3050/600



3050/LA	1	030500062

9562T1
garage mat, 100X80 cm

particularly suitable for use under motorcycle tyre levers BETA 3071 and 3071B
• easy to clean, anti-skid rubber coated bottom

	L cm	H cm		
9562T1	100	80	1	095620150

9562T3
garage mat , 300x160 cm

- particularly suitable for use under motorcycle jacks

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom

	L cm	H cm		
9562T3	300	160	1	095620300

3054
moving base for central stand or motorcycle rear wheel with extension for side stand

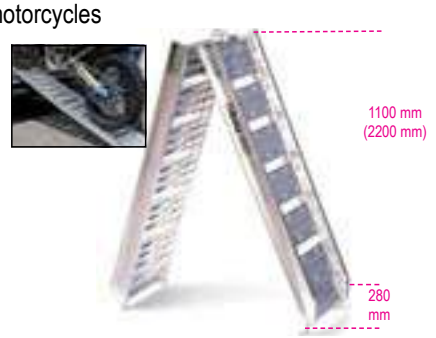
	max kg		
3054	500	1	030540000

3055M
automatic van clamp

Allows motorcycle front wheel to be fixed

3055M	1	030550002

3057
aluminium ramp for loading/unloading motorcycles



3057	1	030570001

3070B
manual static balancer

- Allows wheel balancing both in the workshop and on racing tracks
- Equipped with rolling bearings, rabbet level and adjustable feet for unparalleled precision
- includes 3 sizes of hub cones

3070B	1	030700100

3070B/...
balancing rod
for balancer 3070B

	Ø1 mm	Ø2 mm	L mm		
3070B/10	30	10	410	1	030700101
3070B/12	30	12	415	1	030700102
3070B/14	40	14	415	1	030700103

3071A
manual tyre lever for cross and enduro motorcycles

Allows easy and quick tyre removal in racing fields; based on sturdy, wide frame made of galvanized steel, it provides firmness during tyre removal. Can be installed on BETA 3071RS bracket, for increased convenience
Features:
- **Ergonomic rubber handle, for easy, safe lever hold**
- **With rubber retainer for locking rod during transportation**
- **Can be used to install cross and enduro tyres, 17" ÷ 21".**

	L mm	H mm	P mm	Ø mm		
3071A	570	400	850	440	1	030710000

3071B
manual tyre lever for mini bikes and mini dirt bikes

Allows easy and quick tyre removal in racing fields; based on sturdy, wide frame made of galvanized steel, it provides firmness during tyre removal. Can be installed on BETA 3071RS bracket, for increased convenience
Features:
- **Ergonomic rubber handle, for easy, safe lever hold**
- **Can be used to install most mini bike and mini dirty bike tyres.**

	L mm	H mm	P mm	Ø mm		
3071B	570	330	650	340	1	030710010

3071RS
bracket for BETA 3071A and 3071B tyre levers

Used to elevate BETA 3071A and 3071B tyre levers, making tyre removal easier; frame made from galvanized steel, with square base for increased firmness.
- **With 4 fixing hooks**

	L mm	H mm	P mm		
3071RS	670	275	670	1	030710020

962C
tyre levers, pair,
for cross and enduro motorcycles, mini bikes and mini dirty bikes
for use in combination with BETA 3071A and 3071B

	L mm	A mm		
962C	420	30	1	009620020

3072N
workbench rear motorcycle shock absorber dismantler, manual

Allows totally safe motorcycle rear shock absorber dismantling; based on its adjustable arms, it suits most rear shock absorbers; alternatively, it can be used with the supplied plate.
- optional locking rings

Features
- **Suitable for use on most motorcycle rear shock absorbers**
- **Vertically adjustable in 8 positions**
- **3 adjustable arms with vertically adjustable retainers**
- **shock absorber locking plate**
- **with pantograph jack**
- **with rubber feet**
- **with shock absorber lock pin**

Technical data
Jack extension: max. 130 mm
Arm extension: max. 55 mm
Retainer extension: max. 18 mm
Thrust: max. 1 t

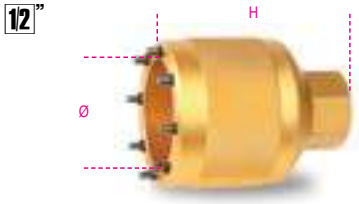
	L mm	H mm	P mm		
3072N	390	785	390	1	030720010

3073
universal fork oil seal driver fitting tool

for fork tube diameters 35 ÷ 48 mm

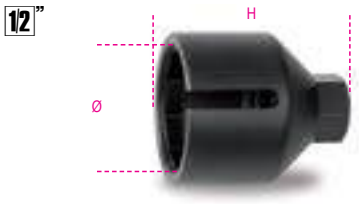
3073	1	030730001

3074O
electronic Ohlins fork cap wrench



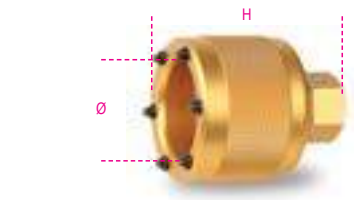
	H mm	Ø mm		
3074O	70,5	50,5	1	030740001

3074O/S
Sachs fork wrench
for DUCATI Multistrada



	H mm	Ø mm		
3074O/S	75	65	1	030740002

3074O/M
Marzocchi fork wrench
for DUCATI 1199 and Hypermotard



	H mm	Ø mm		
3074O/M	69	55	1	030740003

3074O/2
Octagonal Ohlins fork wrench for DUCATI motorcycles

	H mm	Ø mm		
3074O/2	45	65	1	030740004

3075B
bi-hex socket
for wheel hub nuts

	Ø mm	L mm		
3075B 55	70,7	25	1	030750155

3075MV
bi-hex socket for MV AGUSTA wheel hub nuts

	⌀ mm	Ø mm	L mm		
3075MV 56	56	70,7	30	1	030750156

3075/CM
multiple hexagon socket
for wheel pins

3075/CM	1	030750212
12-14-17-19-22-24 mm		

3075/K10
set with a universal wrench with interchangeable head
and 10 bits, for tightening wheel spokes
Sizes: 5.2 - 5.4 - 5.6 - 5.8 - 6.0 - 6.2 - 6.4 - 6.6 - 6.8 - 7.0

3075/K10	1	030750410

3080/C15
chain opening and riveting kit

ø 3-4-5 mm and Regina kit

3080/C15	1	030800015
420x185x60 mm		

3080R/CS3
kit with 3 spare pin punches for chain tool 3080/C15

ø 3-4-5 mm

3080R/CS3	1	030800503

3081
portable chain tool

Sturdy and foldable, easily fitting into enduro tool bags.
Suitable for chain sizes 415, 420, 428, 520, 525, 530, 532

3081	1	030810010

3085
tool for retracting brake pistons

Suitable for motorcycle and scooter brake callipers

3085	1	030850010

3091
flywheel pullers
with internal thread

	M		
3091/25	27x1,0	1	030910025
3091/40	30x1,0	1	030910040
3091/50	32x1,5	1	030910050
3091/60	33x1,5	1	030910060
3091/70	35x1,0	1	030910070
3091/75	35x1,5	1	030910075
3091/80	38x1,5	1	030910080

3092
flywheel pullers
with external thread

	M		
3092/25	27x1,0	1	030920025
3092/50	26-28x1,0	1	030920050
3092/60	28x1,5	1	030920060

3093/E
tool for locking flywheel, clutch bell and pulleys

3093/E	1	030930100

3095
workbench stand for motorcycle engines

adjustable mounting brackets, for convenient, effortless workbench jobs on motorcycle engines

	H mm	P mm	L mm	L1 mm		
3095	360	460	640	460	1	030950001

3099E
outdoor motorcycle cover, water and dust resistant

protects paint from scratches, dust and sunlight

Available Sizes:
Size "M" recommended for sports and naked motorcycles and mid-size scooters
Size "L" recommended for maxi enduro and crossover motorcycles

3099E/M	1	030990102

3099T
indoor motorcycle cover, made from stretch fabric

protects paint from scratches, dust and sunlight

Available Sizes:
Size "M" recommended for sports and naked motorcycles and mid-size scooters
Size "L" recommended for maxi enduro and crossover motorcycles
Size "XL" recommended for super touring motorcycles

	Tg		
3099T/M	M	1	030990202
3099T/L	L	1	030990203
3099T/XL	XL	1	030990204

BICYCLE TOOLS

Beta has always been involved with cycling. This section, focused on bicycle tools developed for cycling professionals, deals with an accurate selection of products designed for bicycle and e-bike maintenance.

Tour de France winner
2020, 2021, 2024 and 2025
Giro d'Italia winner 2024

UAE TEAM Emirates — Beta supplier

Partnership 2025

Official contributor
POLTI Visit Malta
cycling

TEAM POLTI VisitMalta

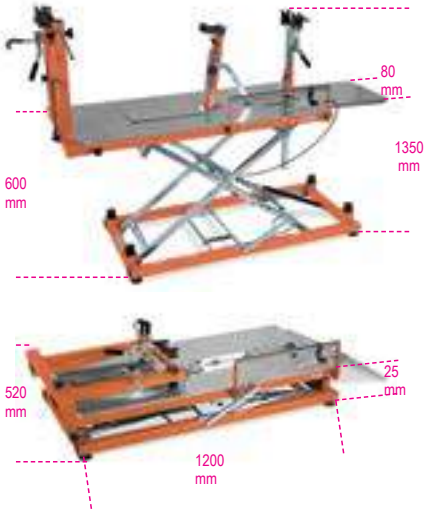
Partnership 2025

3910

E-Bike lift

- Maximum carrying capacity: 40 kg
- Maximum height of central movement support: 135 cm
- Built-in wheel truing stand
- Innovative thru-axle locking system
- Supplied with adapter sockets for most forks
- Supplied with fork connection adapter without thru-axle
- Fully foldable and transportable
- Lift weight: 48kg

CE



3910	1 039100010

3912TP

TOP workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Tool drawer with ball bearing slides (490x365x90 mm)
- Built-in wheel truing stand
- Innovative thru-axle locking system

3912TP	1 039120050

3912PP

PRO workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Built-in wheel truing stand
- Innovative thru-axle locking system

3912PP	1 039120150

3912TP/A

adapter socket for thru-axle forks

For workbenches 3912TP, 3912PP and 3910

L mm	Ø mm	Ø1 mm	
39	30	5	1 039120052

3912TP/C

universal adapter socket for thru-axle forks, hexagon socket tightening

For workbenches 3912TP, 3912PP and 3910

L mm	Ø mm	
29	30	1 039120054

3912TP/FOX

adapter sockets for FOX® forks

For workbenches 3912TP, 3912PP and 3910

L mm		
38		1 039120058

3912TP/QRE

adapter pin for forks without thru-axles

For workbenches 3912TP, 3912PP and 3910

L mm		
108		1 039120064

3912TP/ROAD

adapter socket for road forks

For workbenches 3912TP, 3912PP and 3910

L mm	Ø mm	
33	35	1 039120060

3912TP/RS

adapter socket for ROCKSHOX® thru-axle forks

For workbenches 3912TP, 3912PP and 3910

L mm	Ø mm	
35	30	1 039120056

3912TP/ST

adapter socket for SUNTOUR forks

For workbenches 3912TP, 3912PP and 3910

L mm	Ø mm	Ø1 mm	
31	30	18	1 039120062

3916MMP

workshop single-sided clamp for bicycle maintenance

- Clamp can be rotated 360°, with floating jaws and micrometric adjustment
- Carrying capacity: 25 kg
- Plastic tool tray

3916MMP	1 039160150

3918MML

single-sided clamp, lightweight, foldable

- Clamp can be rotated 360°
- Carrying capacity: 15 kg
- Maximum clamp height: 150 cm

3918MML	1 039180010

3919MME

Workshop single-sided electric clamp for bicycle maintenance

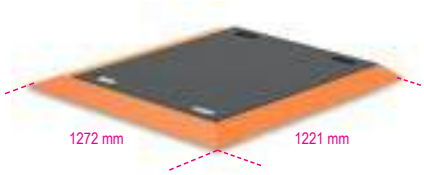
- Clamp that can be rotated up to 180° and rubber jaws
- Load capacity: 35 kg
- Adjustable height
- Can be fixed to floor, or with optional stand

3919MME	1	039190010

3919MME/P

Self-supporting stand

For single-sided clamp item 3919MME



3919MME/P	1	039190011

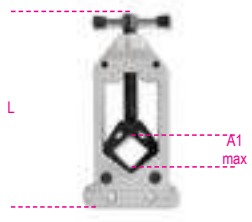
3921

derailleur hanger alignment gauge

L mm	A mm	A1 mm		
440	115	165	1	039210010

3923

blade guide tool for cutting airfoil shaped seatposts up to 80 mm and tubes 1" ÷ 1.1/2"



L mm	A1 max mm	Ø max mm		
160	80	45	1	039230010

3927

handlebar clamp

L mm		
3927 365	1	039270010

3932U/13

professional chain tool

3932U/13	1	039320013

3935

chain wear indicator

L mm		
120	1	039350010

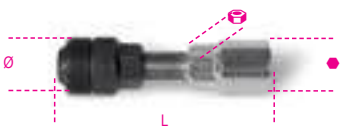
3937

missing link pliers

L mm		
170	1	039370010

3948

crank extractor



mm	L mm	Ø mm	⬢ mm		
14	79	20	15	1	039480015

3952

simple cone wrench

mm	L mm	S1 mm		
13	205	2	2	039520013
14	205	2	2	039520014
15	205	2	2	039520015
16	205	2	2	039520016
17	205	2	2	039520017
18	205	2	2	039520018
19	205	2	2	039520019
20	205	2	1	039520020
21	205	2	1	039520021
22	205	2	1	039520022
24	205	2	1	039520024

3952/S7 13-14-15-16 17-18-19 mm	1	039520207
3952/S11 13-14-15-16 17-18-19-20-21-22-24 mm	1	039520211

3953

pedal wrench

mm	L mm		
15	401	1	039530015

3955

open end wrenches for universal headsets

mm	L mm		
30x32	292	1	039550108
32x36	319	1	039550114

3961 3,2

spoke wrench, black, 3.2 mm

□ mm		
3,2	1	039610032

3961 3,3

spoke wrench, green, 3.3 mm

□ mm		
3,3	1	039610033

3961 3,5

spoke wrench, red, 3.5 mm

□ mm		
3,5	1	039610035

3961U

professional spoke wrench, 3.2 - 4.0 mm

□ mm		
3,2 - 4,0	1	039610100

3962SH

double spoke wrench for Shimano

L mm	A1 mm	A2 mm		
132	4,3	4,4	1	039620010

3962MV

double spoke wrench for Mavic

L mm	A1 mm	A2 mm		
135	4,3	8,4	1	039620020

3963P

special wrench for flat spokes

L mm		
129	1	039630010

3964

special nipple driver

L mm	L1 mm		
170	89	1	039640010

3965

wheel alignment gauge, ø 20" ÷ 29"

L mm		
680	1	039650010

3965C

professional wheel truing stand

- For ø 20" ÷ 29"
- Through axle hub adapter, 10 ÷ 20mm

L mm	L1 mm	A mm		
500	380	285	1	039650110

3967

sprocket removal wrench with chain whip

- Caters for up to 11 speed cassettes
- 2PVC handle
- Also suitable for fixed wheels

L mm		
289	1	039670010

3969

tyre lever

L mm	A mm		
200	15,6	1	039690010

3969K3

kit with 3 tyre levers, made of plastic

L mm		
113	1	039690130

3971

wrench for Shimano plastic bolts

- Suitable for Shimano Hollowtech II cranksets

N° tacche	⬣ mm		
8	8	1	039710010

3972

bottom bracket removal wrench

- Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®

L mm		
252	1	039720010

3973PF

Press-Fit bearing removal tool

- Suitable for inside Ø 24 mm and 30 mm

L mm		
240	1	039730001

3973/1

16-notch bottom bracket removal socket

- Suitable for Shimano® XTR BB93, Dura-Ace® BB9000

Ø mm	⬣ mm	L mm		
39	24	34	1	039730010

3973/2
16-notch bottom bracket removal socket

• Suitable for Shimano® BBR60 (Ultegra® 11 speeds)

1/2"

Ø mm	⬢ mm	L mm		
41	24	35	1	039730020

3973/3
16-notch bottom bracket removal socket

• Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®

1/2"

Ø int. mm	⬢ mm	L mm		
46	24	53,5	1	039730030

3973/4
20-notch bottom bracket removal socket with central pin, nickel-plated

• Suitable for Shimano and ISIS

1/2"

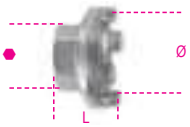
Ø mm	L mm	⬢ mm		
31,5	55	24	1	039730040

3975
steering and bearing cap press

• suitable for assembly of steering caps 1", 1.1/8", 1.1/4", 1.1/2" and 2"
NB: Not to be used with "zero stack" caps

L mm	Ø mm		
360	16x1	1	039750010

3984/1
BMX freewheel removal wrench, 2 grafts



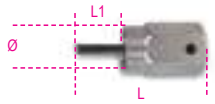
Ø mm	L mm	⬢ mm		
35	25,5	24	1	039840010

3984/2
Shimano freewheel removal wrench

Ø mm	L mm	⬢ mm		
22,8	26	24	1	039840020

3984/3
Shimano freewheel removal wrench, cassette with guide pin

1/2"



Ø mm	L mm	L1 mm		
23,5	65	25	1	039840030

3984/4
Campagnolo freewheel removal wrench, with guide pin

Ø mm	L mm	L1 mm	⬢ mm		
23	51	13	24	1	039840040

3984/5
freewheel removal wrench, 2 grafts

1/2"

Ø mm	L mm	⬢ mm		
18,5	38	21	1	039840050

3984/6
freewheel removal wrench, 4 grafts

1/2"

Ø mm	L mm	⬢ mm		
19,5	36	21	1	039840060

3991
lever for pushing back disc brake pads

L mm	A mm	α		
222	36	7°	1	039910010

3992
disc brake straightener

L mm	S mm	A mm	A1 mm		
234	4	55	2,2	1	039920010

2115PI/BIKE-HOME

2115PI/BIKE-HOME	325

M400

M400	512
MV402	512

M401

M401	512
MV401	512

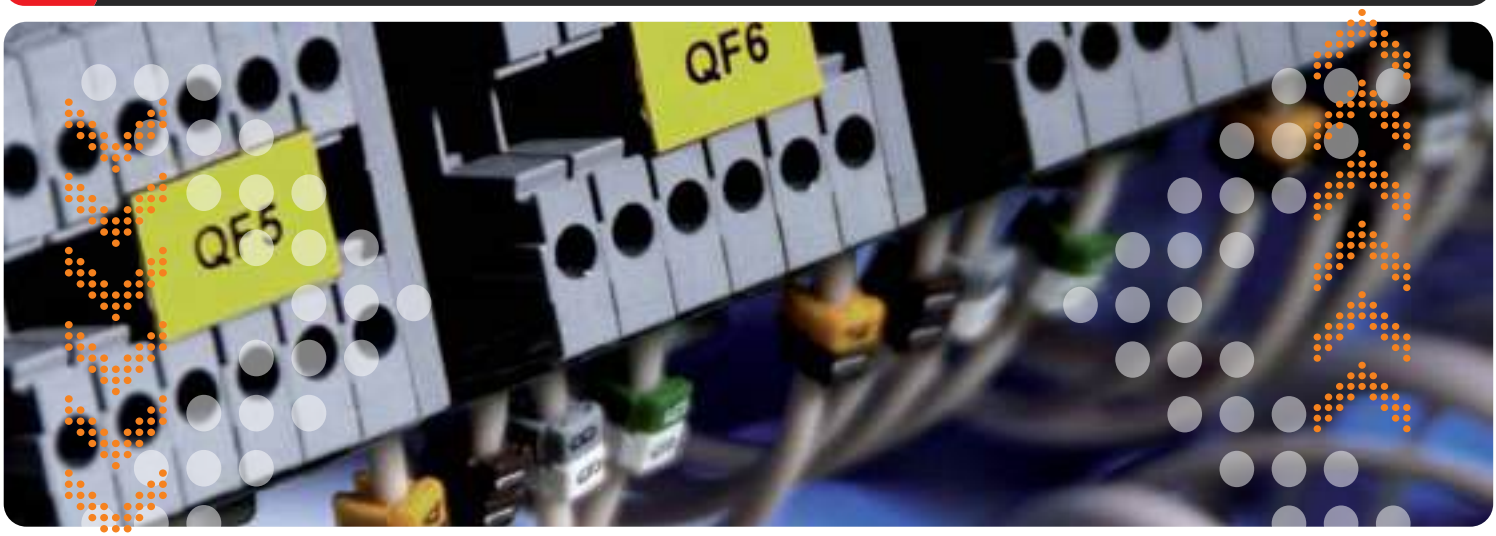
MM400

MM400	516
MMV402	516

MM401

MM401	516
MMV401	516

INSULATED TOOLS 1000 V



SAFETY TESTS: TESTED AT 10,000 V TO WORK ON 1,000 V ELECTRICAL INSTALLATIONS.

Beta's high-insulation tools are tested piece by piece at 10 kV, with a view to providing unparalleled quality for working instruments which are required to ensure ultra-high safety standards:
they make it possible to work at voltages up to 1,000 V a.c. (1,500 V d.c.).

Istituto Italiano del Marchio di Qualità - I

Verband der Elektrotechnik
Elektronik Informationstechnik - D

SAFETY STANDARDS:
Although extremely stringent tests are performed during production, before using a tool, the operator must always check the insulating handle for tears, modifications or damage. Keeping the dielectric properties unchanged in time is closely connected with the mechanical, chemical or thermal stress the tool may be subjected to. In case the insulator should get damaged, the tool cannot be considered safe for use in live installations. Always wear protective goggles and insulated gloves.

TESTS PERFORMED DURING PRODUCTION

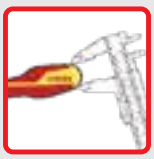
100% visual test:
All the surface finishes of the tools must be free from externally visible defects

Crash test:
After 2 hours at -25 °C, the tool is hit three times (by such a specific weight as provided for by the standard); the insulating handle must not show any signs of damage.

Penetration test:
A weight of 2 kg is applied to the tool handle at +70 °C for two hours. Later a voltage of 5 kV is applied to the area that is subjected to mechanical pressure for 3 minutes. No signs of current passing through must be shown.

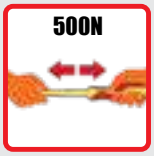
Mechanical test:
The tools must satisfy such mechanical performance requirements as provided for in the relevant ISO standards

Flame propagation test:
A flame is directed towards the tool for 10 seconds; during the next 20 seconds,
the flame must not exceed a height of 120 mm.



Dimensional test:
All the dimensions of the tools must comply with the design specifications.

Electrical insulation test:
Following immersion in water for 24 hours, the tool is subjected to a voltage of 10 kV for 3 minutes. Current dissipation must not exceed such values as provided for by the standard.



Adhesion test:
after 168 hours at +70 °C, the tool is subjected to a load of 500 N to check that the handle does not slip off.

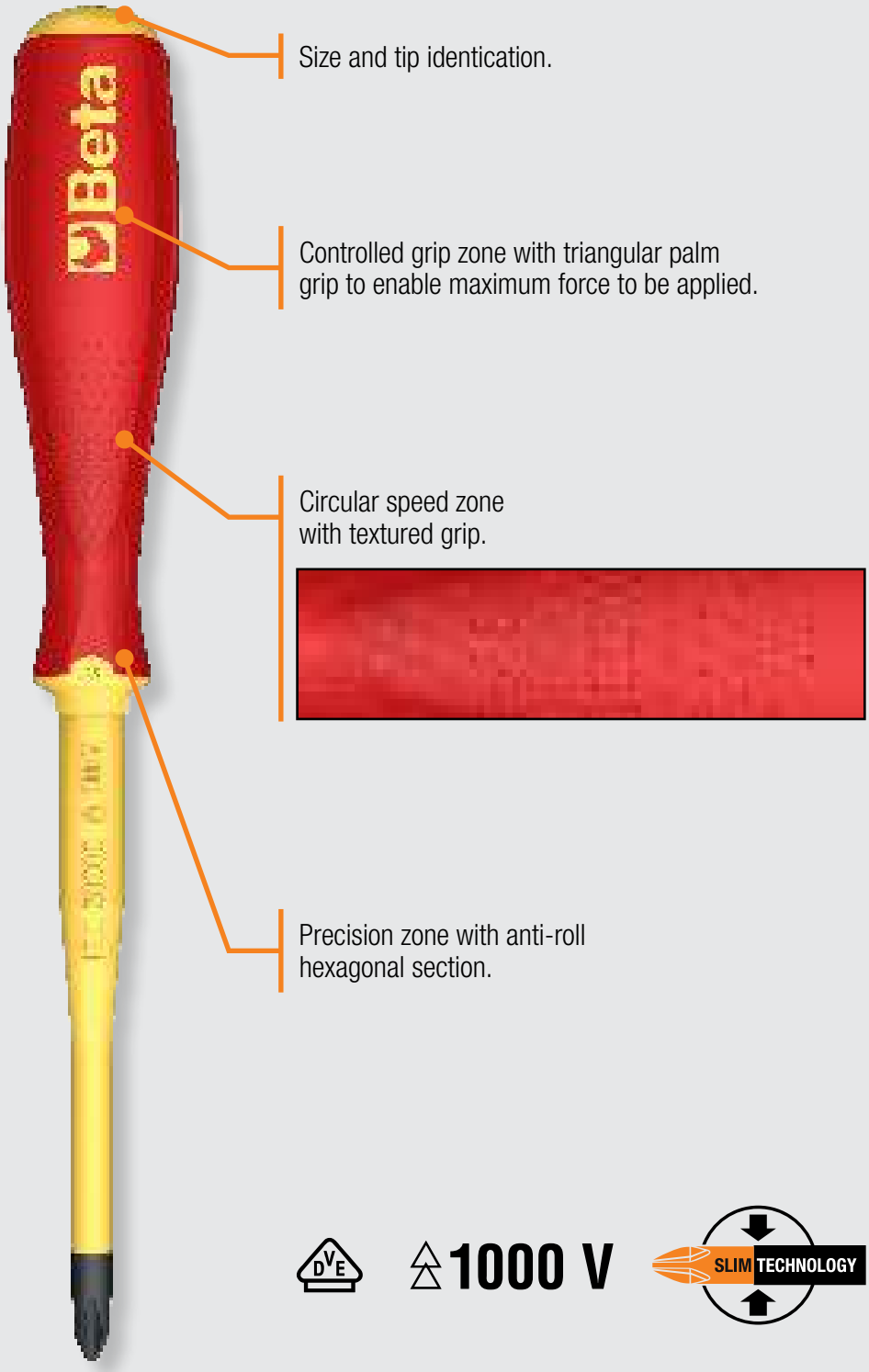
Marking indelibility test:
Following the friction test with isopropyl alcohol, markings must remain legible.

NEW INSULATED SCREWDRIVER

The new series of 1000 V insulated screwdrivers is the result of a project dedicated to **electricians**, developed to offer superior ergonomics, control and safety compared to traditional models.

The completely redesigned, more tapered and compact shape ensures **optimal handling** in confined spaces and in typical electrical installation applications. Thanks to the division of the handle into **three functional zones**, the user can apply the right amount of force with precision at every stage of the job. High-grip materials and anti-roll geometries further increase comfort and safety.

The result is a tool designed to meet the daily needs of electricians, with levels of comfort, precision and safety that set a new benchmark in the market



52MQ
single open end wrenches

EN 60900

mm	L mm		
★6	90	1	000520106
★7	96	1	000520107
★8	100	1	000520108
★9	108	1	000520109
★10	110	1	000520110
★11	120	1	000520111
★12	132	1	000520112
★13	140	1	000520113
★14	146	1	000520114
★15	166	1	000520115
★16	156	1	000520116
★17	168	1	000520117
★18	170	1	000520118
★19	176	1	000520119
21	190	1	000520121
★22	200	1	000520122
★24	225	1	000520124
★27	210	1	000520127
★30	240	1	000520130
★32	240	1	000520132

89MQ
single ring wrenches

EN 60900

mm	L mm		
★6	150	1	000890106
★7	155	1	000890107
★8	155	1	000890108
★10	170	1	000890110
★11	180	1	000890111
★12	190	1	000890112
★13	195	1	000890113
★14	200	1	000890114
★15	210	1	000890115
★16	216	1	000890116
★17	218	1	000890117
★19	240	1	000890119
★22	255	1	000890122
★24	280	1	000890124
★27	300	1	000890127
★30	320	1	000890130
★32	340	1	000890132

110MQ
adjustable wrench with scale

EN 60900

L mm	A max		
200	28	1	001100520
250	30	1	001100525
300	30	1	001100530

606MQ/50

click-type torque wrench
with reversible ratchet

12"

1000 V

EN 60900
UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50	1 006060705

850MQ

magnetic bit holder, insulated,
with bimaterial handle

14

1000 V

IMQ CSV
EN 60900

L mm	L1 mm	D mm	
233	125	12.5	1 008500910

910MQ/B

bi-hex sockets

38"

1000 V

★=

EN 60900

mm	L mm	Ø1 mm	Ø mm	
6	45	14	24	1 009100616
7	45	15	24	1 009100617
★8	45	16	24	1 009100618
★9	45	17	24	1 009100619
★10	45	19	24	1 009100620
★11	45	20	24	1 009100621
★12	45	24	24	1 009100622
★13	45	24	24	1 009100623
★14	45	25	24	1 009100624
★15	45	27	24	1 009100625
★16	45	27,5	24	1 009100626
★17	45	30	24	1 009100627
★18	45	31	24	1 009100628
★19	45	32	24	1 009100629

910MQ/PE

socket drivers for hexagon screws

1000 V

★=

EN 60900

mm	Ø mm	L mm	
4	24	100	1 009100604
★5	24,5	100	1 009100605
★6	25,0	100	1 009100606
★8	25,0	100	1 009100608
10	25,5	100	1 009100610

910MQ/TX

socket drivers
for Torx(R) head screws

38"

1000 V

EN 60900

	Ø mm	L mm	L1 mm	
T15	23	116	61	1 009100641
T20	24,5	116	65	1 009100642
T25	24,5	116	65	1 009100643
T27	24,5	116	65	1 009100644
T30	24,5	116	65	1 009100645
T40	24,5	116	65	1 009100646

910MQ/XZN

socket drivers
with XZN® profile

38"

1000 V

EN 60900

	Ø mm	L mm	L1 mm	
M8	24	106	57	1 009100658
M10	24	106	57	1 009100660

910MQ/PT

preset extensions
with 3/8" female drive

38"

1000 V

EN 60900

Nm	L mm	L1 mm	
12	80	35,5	1 009100801

910MQ/21

3/8" drive extension

38"

1000 V

EN 60900

L mm	Ø mm	
140	13,4	1 009100804

910MQ/22

3/8" drive extension

38"

1000 V

EN 60900

L mm	Ø mm	
265	13,4	1 009100805

910MQ/T

3/8" drive, T-handle

38"

1000 V

EN 60900

L mm	L1 mm	
200	165	1 009100807

910MQ/55

3/8" drive reversible ratchet

38"

1000 V

EN 60900

L mm	D mm	A mm	
203	41	67	1 009100808

910MQ/C16

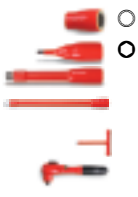
8 bi-hex sockets,
4 hexagon socket drivers
and 4 accessories

38"

1000 V

EN 60900

910MQ/C16	1 009100917



910MQ/B	8 - 10 - 11 -12 - 13 - 14 - 17 - 19 mm
910MQ/PE	4 - 5 - 6 - 8 mm
910MQ/21	125 mm
910MQ/22	250 mm
910MQ/T	
910MQ/55	

920MQ/A
hexagon sockets

EN 60900

mm	Ø mm	L mm	Ø1 mm		
8	21,5	57	27,5	1	009200238
9	21.5	57	27,5	1	009200239
10	21,5	57	27,5	1	009200240
11	21,5	57	27,5	1	009200241
12	23,0	57	27,5	1	009200242
13	23,0	57	27,5	1	009200243
14	23,0	57	27,5	1	009200244
16	23,0	57	27,5	1	009200246
17	30,0	57	27,5	1	009200247
18	32,0	57	27,5	1	009200248
19	32,2	57	27,5	1	009200249
20	32,0	57	27,5	1	009200250
21	34,0	57	27,5	1	009200251
22	36,0	57	27,5	1	009200252
24	39,0	57	27,5	1	009200254
27	42,0	57	27,5	1	009200257
30	44,0	57	27,5	1	009200260
32	48,0	57	27,5	1	009200262

920MQ/PE
socket drivers for hexagon screws

EN 60900

mm	D mm	L mm	L1 mm		
4	28,5	94,50	10,5	1	009200264
★5	28,5	94,5	10,5	1	009200265
★6	28,5	94,5	10,5	1	009200266
★8	28,5	94,5	10,5	1	009200268
10	28,5	94,5	10,5	1	009200267
12	28,5	94,5	10,5	1	009200269

920MQ/21
1/2" square drive extension bar

EN 60900

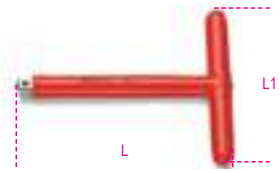
L mm	Ø mm		
135	28	1	009200804

920MQ/22
1/2" square drive extension bar

EN 60900

L mm	D mm		
264	30	1	009200805

920MQ/T
1/2" square drive, T-handle



EN 60900

L mm	L1 mm		
200	163	1	009200807

920MQ/55A
1/2" square drive reversible ratchet with socket locking system

EN 60900

L mm	D mm	A mm		
240	50	89	1	009200809

920MQ/C16
9 hexagon sockets,
3 socket drivers for hexagon screws
and 4 accessories

EN 60900

920MQ/C16	1	009200917

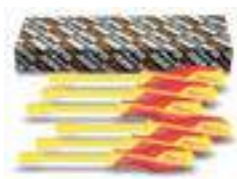
920MQ/A 8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
920MQ/PE 5 - 6 - 8 mm
920MQ/21 135 mm
920MQ/22 264 mm
920MQ/55A
920MQ/T

420x280x60 mm - 5,2 kg

943MQ
hexagon nut spinners with handles

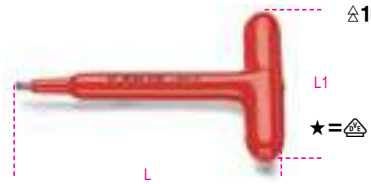
EN 60900

mm	L mm	L1 mm	D mm		
5,5	233	125	12,2	1	009430235
6	233	125	12,5	1	009430236
7	240	125	14,3	1	009430237
8	240	125	15,3	1	009430238
10	252	125	17,3	1	009430240
13	252	125	21,3	1	009430243



943MQ/S6 5,5-6-7-8-10-13 mm	1	009430250

951MQ
T-handle wrenches with hexagon male ends



EN 60900

mm	L mm	L1 mm		
3	120	105	1	009510703
★4	165	105	1	009510704
★5	170	105	1	009510705
★6	168	105	1	009510706
★8	165	105	1	009510708
10	200	105	1	009510710

993MQ
bent knurled point spring tweezers

EN 60900

L mm		
147	1	009930040

994MQ
straight knurled point spring tweezers

EN 60900

L mm		
145	1	009940040

1010MQ
long round nose pliers

EN 60900

L mm	L1 mm		
160	51,5	1	010100096

1048MQ
slip joint pliers, boxed joint

• **Chrome-plated finish**

EN60900

L mm	A max mm	L1 mm		
250	48	39	1	010480315

1082MQ
diagonal cutting nippers

EN 60900

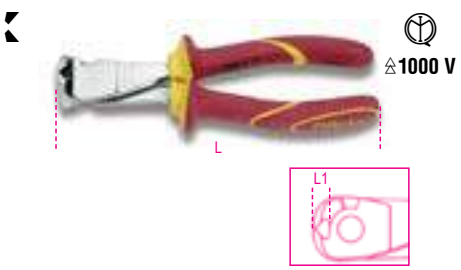
L mm	L1 mm	mm		
140	20	1,6	1	010820094
160	22	1,6	1	010820096

1084MQ
heavy duty diagonal cutting nippers

EN 60900

L mm	L1 mm	mm		
200	26	2,0	1	010840100

1088MQ
end cutting nippers



EN 60900

L mm	L1 mm	mm		
160	7	1,6	1	010880096

1128MQ
electrician's scissors, stainless steel blades, with microteeth

IEC60900

L mm	L1 mm		
145	45	1	011280101

1132MQ
cable cutter with insulated handles for copper and aluminium cables

EN 60900

L mm	mm		
230	18	1	011320193

1142MQ
wire stripping pliers

EN 60900

L mm	mm²		
160	0,5÷6	1	011420096

1150MQ
combination pliers, bright chrome-plated

EN 60900

L mm	L1 mm	mm		
160	37	1,6	1	011500496
180	39	1,8	1	011500498
200	43	2,0	1	011500500
220	46	2,0	1	011500502

1162MQ
extra long flat nose pliers

EN 60900

L mm	L1 mm	mm		
160	56	1,6	1	011620096
200	76	1,6	1	011620100

1164MQ
extra-long bent flat nose pliers

L mm	L1 mm	mm		
160	54	1,6	1	011640096
200	76	1,6	1	011640100

1166MQ
extra long needle nose pliers

EN 60900

L mm	L1 mm	mm		
160	56	1,6	1	011660096
200	76	1,6	1	011660100

1168MQ
extra long bent needle nose pliers

EN 60900

L mm	L1 mm	mm		
160	50	1,6	1	011680096
200	70	1,6	1	011680100

1169MQ/D2

1169MQ/D2		1	011690152
1150MQ	180 mm		
1082MQ	160 mm		

1232MQF

screwdrivers for cross head Phillips® screws

Slim

≙1000 V

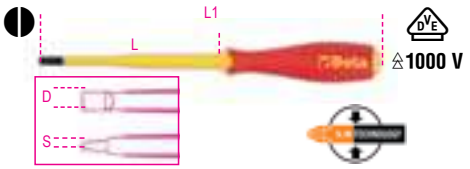
EN60900

PHxDxL mm	L1 mm		
0x3x60	163	3	012320603
1x4,5x75	178	3	012320609
2x6x100	209	3	012320618

1234MQF/LP

screwdrivers for headless slotted screws

Slim



≙1000 V

EN60900

SxDxL mm	L1 mm		
0,4x2,5x75	178	3	012340600
0,5x3x100	203	3	012340602
0,6x3,5x100	203	3	012340603
0,8x4x100	203	3	012340605
1x4,5x125	228	3	012340606
1x5,5x125	234	3	012340609
1,2x6,5x150	259	3	012340612

1233MQF/D...

set of slim screwdrivers

≙1000 V

EN60900

1233MQF/D4		1	012330604
1234MQF/LP	0,8x4-1x5,5		
1232MQF	PH1-PH2		
1233MQF/D6		1	012330606
1234MQF/LP	0,5x3-0,8x4-1x5,5		
1232MQF	PH0-PH1-PH2		

1234MQF/D4

set of 4 screwdrivers

≙1000 V

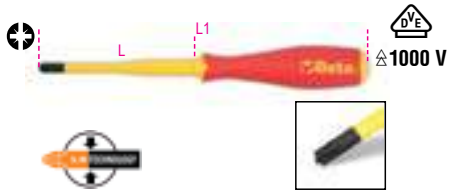
EN60900

1234MQF/D4		1	012340654
1234MQF/LP	0,5x3-0,8x4-1x5,5-1,2x6,5		

1235MQ/C PZ

screwdrivers for combined cross head PZ + slotted head screws

Slim



≙1000 V

EN60900

PZ1+LPP	2	012350309
PZ1+LPP	2	012350318

1235MQ/C PH

screwdrivers for combined head PH + slotted head screws

≙1000 V

EN60900

PH1+LPP	2	012350409
PH2+LPP	2	012350418

1239MQ/F

screwdrivers for cross head Pozidriv®-Supadriv® screws

≙1000 V

EN60900

PZ	L mm	L1 mm		
0	60	163	3	012390403
1	75	178	3	012390409
2	100	209	3	012390418

1272MQF

screwdrivers for cross head Phillips® screws

Slim

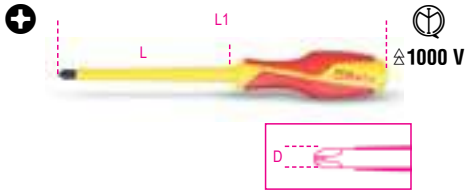
≙1000 V

EN60900

PHxDxL mm	L1 mm		
1x4,5x80	180	3	012720609
2x6x100	208	3	012720618

1272MQ

screwdrivers for cross head Phillips® screws



≙1000 V

EN 60900

PHxDxL mm	L1 mm		
0x3x60	160	3	012720703
1x4,5x80	188	3	012720709
2x6x100	219	3	012720718
3x8x150	277	2	012720724
4x10x200	327	2	012720727

1272MQ/S5	1	012720751
PH0x3x60-PH1x4,5x80		
PH2x6x100-PH3x8x150		
PH4x10x200 mm		

1273MQF/D...

set of 6 slim screwdrivers

≙1000 V

1273MQF/D4		1	012730604
1272MQF	1x4,5x80-2x6x100 mm		
1274MQF	0,6x3,5x100-1x5,5x125 mm		
1273MQF/D6		1	012730606
1272MQF	1x4,5x80-2x6x100 mm		
1274MQF	0,6x3,5x100-1x4,5x100 1x5,5x125-1,2x6,5x150 mm		

1273MQ/D6

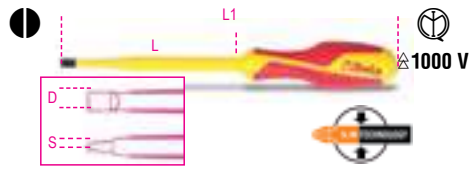
set of 6 screwdrivers

≙1000 V

1273MQ/D6		1	012730851
1274MQ	0,5x3x100 -0,8x4x100 1,0x5,5x125 mm		
1272MQ	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm		

1274MQF
screwdrivers for headless slotted screws

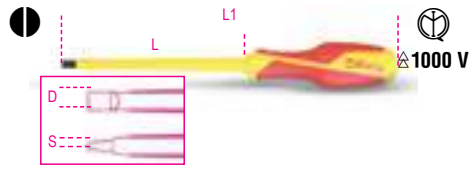
Slim



EN60900

SxDxL mm	L1 mm		
0,6x3,5x100	200	3	012740603
1x4,5x100	200	3	012740606
1x5,5x125	225	3	012740609
1,2x6,5x150	258	3	012740612

1274MQ
screwdrivers for headless slotted screws



EN 60900

SxDxL mm	L1 mm		
0,4x2,5x75	175	3	012740700
0,5x3x100	200	3	012740703
0,8x4x100	208	3	012740706
1x5,5x125	233	3	012740709
1,2x6,5x150	269	3	012740712
1,2x8x175	302	2	012740715
1,6x10x200	327	2	012740718

1274MQ/S6 0,5x3x100-0,8x4x100 1x5,5x125-1,2x6,5x150 1,2x8x175-1,6x10x200 mm	1	012740751

1279MQ
screwdrivers for cross head Pozidriv®-Supadriv® screws

EN 60900

PZ	L mm	L1 mm		
0	60	160	3	012790703
1	80	188	3	012790709
2	100	219	3	012790718
3	150	277	2	012790724

1279MQ/S4 PZ 0-1-2-3	1	012790751

1725MQ
mini-hacksaw frame

EN 60900

	L mm	H mm		
1725MQ	260	85	1	017250030

1777MQ/C
cable stripping knife, insulated

- **for multicore cables**

EN 60900

	L mm		
1777MQ/C	190	1	017770026

1777MQ/U
cable stripping knife, insulated

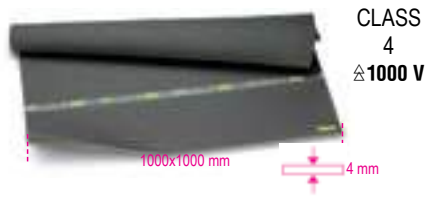
EN 60900

	L mm		
1777MQ/U	190	1	017770011

1777RL/U
4 spare blades for utility knife 1777MQ/U

1777RL/U	1	017770021

1995MQ/T
insulating mat

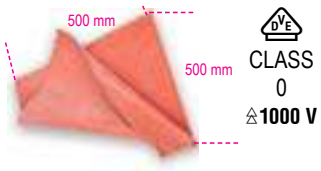


VDE 0303
EN 60243

	LxS mm		
1995MQ/T	1000x1000	1	019950030

1996MQ/T
insulating cloth

500x500mm



DIN EN 61112

	S mm		
1996MQ/T0,5	1.0	1	019960005

1996VPG
pneumatic tester for insulated gloves

mandatory testing in accordance with EN90603

1996VPG	1	019960134

1997MQ/GM
composite insulating gloves

EN 60903
EN 61482

	Gr.	L mm		
1997MQ/GM9	9	350	1	019970109
1997MQ/GM10	10	350	1	019970110

2115P L-MQ32

2115PL-MQ32	325

2029EM

2029EM	319

5989 VEM

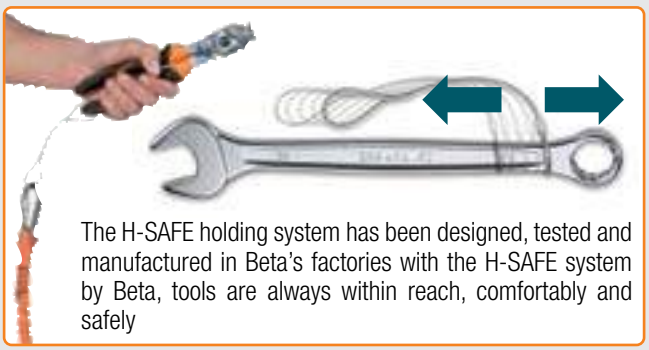
5989 VEM	492

TETHERED TOOLS

Beta H-SAFE

The H-SAFE tool range by Beta comprises over 200 coded items, for which a holding system has been individually designed to withstand extremely severe mechanical stress, as synonymous with unparalleled safety.

Operating comfort is also crucial: tools with a double active part, including combination wrench item 42, are tied with a cable which runs along the entire body of the tool; whereas twisting tools, including screwdrivers, are tied with freely rotating rings preventing the string from getting twisted.



The H-SAFE holding system has been designed, tested and manufactured in Beta's factories with the H-SAFE system by Beta, tools are always within reach, comfortably and safely

35HS

flat chisels, ribbed type

with H-SAFE tethered system

L mm	A mm		
200	23,0	1	000354004
250	28,5	1	000354005

42HS

combination wrenches, open and offset ring ends

with H-SAFE tethered system

DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	95	1	000424506
7x7	105	1	000424507
8x8	116	1	000424508
9x9	127	1	000424509
10x10	137	1	000424510
11x11	148	1	000424511
12x12	158	1	000424512
13x13	169	1	000424513
14x14	180	1	000424514
15x15	190	1	000424515
16x16	201	1	000424516
17x17	212	1	000424517
18x18	222	1	000424518
19x19	233	1	000424519
20x20	243	1	000424520
21x21	254	1	000424521
22x22	264	1	000424522
23x23	275	1	000424523
24x24	285	1	000424524
25x25	296	1	000424525
26x26	307	1	000424526
27x27	317	1	000424527
28x28	328	1	000424528
29x29	338	1	000424529
30x30	349	1	000424530
32x32	370	1	000424532
34x34	391	1	000424534
36x36	412	1	000424536

55HS
double open end wrenches

with H-SAFE tethered system

UNI-ISO 10102 DIN 3110

mm	L mm		
• 6x7	120	1	000554012
• 8x9	140	1	000554021
• 10x11	155	1	000554030
• 12x13	170	1	000554042
• 14x15	185	1	000554054
• 16x17	202	1	000554060
• 18x19	220	1	000554066
• 20x22	236	1	000554075
• 21x23	245	1	000554078
22x24	245	1	000554081
24x27	262	1	000554090
• 30x32	297	1	000554108
34x36	325	1	000554117

91HS-C
heavy duty offset ring wrenches

with H-SAFE tethered system

mm	Ø mm		
36	54	1	000914036
41	62	1	000914041
46	69	1	000914046

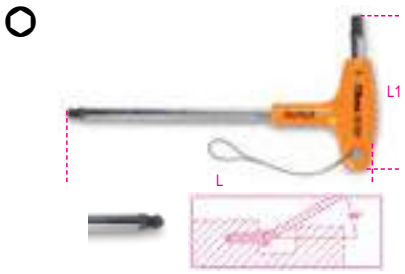
91HS
heavy duty offset ring wrenches
with H-SAFE tethered system

mm	Ø mm		
36	54	1	000914236
41	62	1	000914241

92HS
tubes for item 91
with H-SAFE tethered system

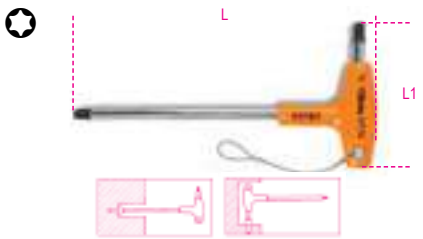
L mm	91 mm	Ø mm		
610	32÷41	22	1	000924020

96TBP-HS
ball head offset hexagon key wrenches
with high torque handles
and H-SAFE tethered system



○ mm	L mm	L1 mm	Ø mm		
2,5	153	55	4	1	000964685
3	153	55	4	1	000964686
4	179	70	5	1	000964687
5	200	84	6	1	000964688
6	221	103	7	1	000964689
8	255	117	10	1	000964690
10	285	132	12	1	000964692

97TTXHS
offset key wrenches with handles for Torx(R) head screws
with H-SAFE tethered system



○	L mm	L1 mm		
T15	179	70	1	000974715
T20	179	70	1	000974720
T25	179	70	1	000974725
T30	200	84	1	000974730

111E-HS
adjustable wrenches with scales, chrome-plated

with H-SAFE tethered system
- Right-hand rotation of pin
- Mm/inch scale

DIN 3117 ISO 6787

L mm	L "	A max mm		
200	8	29	1	001114120
250	10	34	1	001114125
300	12	40	1	001114130
380	15	45	1	001114138
450	18	54	1	001114145

142HS
reversible ratcheting
combination wrenches
with H-SAFE tethered system

mm	L mm		
10x10	159	1	001424010
11x11	168	1	001424011
13x13	180	1	001424013
15x15	200	1	001424015
16x16	216	1	001424016
17x17	233	1	001424017
18x18	239	1	001424018
19x19	248	1	001424019
24x24	325	1	001424024
* 32x32	420	1	001424032

*** Straight model without inverter**

**LC system,
two-ball retaining system.
Socket is only released through button**

666HS
ZERO-RESET click-type torque wrenches
with reversible ratchets,
for right-hand tightening,
torque accuracy: ± 3%

with H-SAFE tethered system

- Does not require releasing tension

ISO 6789

Nm	■	D mm	A mm	L mm	LC system	g	
10÷50	3/8	30	33	342	-	680	0,25

666HS/5 — 1 006664705

Nm	■	D mm	A mm	L mm	LC system	g	
20÷100	3/8	30	33	385	-	760	0,25

666HS/10 — 1 006664710

Nm	■	D mm	A mm	L mm	LC system	g	
40÷200	1/2	42	43	471	*	1020	0,5

666HS/20LC — 1 006664721

Nm	■	D mm	A mm	L mm	LC system	g	
60÷300	1/2	42	43	600	*	1270	1,0

666HS/30LC — 1 006664731

900HS/55
reversible ratchets

with H-SAFE anti-fall system

DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
127	25	29	1/4	1	009004155

910HS/55
reversible ratchets

with H-SAFE anti-fall system

DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
207	31	33	3/8	1	009104155

920HS/55LC
reversible ratchets, "LC System",

with H-SAFE anti-fall system

DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
271	40	41	1/2	1	009204159

1032HS
internal circlip pliers, straight pattern PVC-coated handles
with H-SAFE tethered system

UNI 7914 DIN 5256

L mm	⊙ Ø mm	Ø1 mm	A mm		
140x1,3	12÷25	1,3	20	1	010324014
180	19÷60	1,9	21	1	010324017

1034HS
internal circlip pliers, bent pattern,90°
PVC-coated handles
with H-SAFE tethered system

UNI 7914 DIN 5256

L mm	⊙ Ø mm	Ø1 mm	A mm		
170	19÷60	1,9	21	1	010344017

1036HS
external circlip pliers, straight pattern PVC-coated handles
with H-SAFE tethered system

UNI 7915 DIN 5254

L mm	● Ø mm	Ø1 mm	A mm		
140x1,3	10÷25	1,3	20	1	010364014
175	19÷60	1,9	21	1	010364017

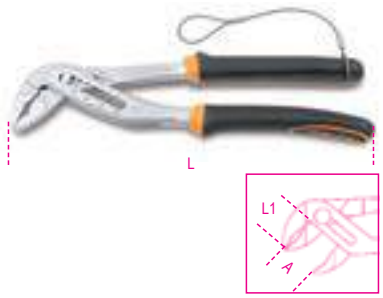
1038HS
external circlip pliers, bent pattern, 90°
PVC-coated handles
with H-SAFE tethered system

UNI 7915 DIN 5254

L mm	● Ø mm	Ø1 mm	A mm		
175	19÷60	-	21	1	010384017

1048BM-HS
slip joint pliers, boxed joint, bimaterial handles
with H-SAFE tethered system

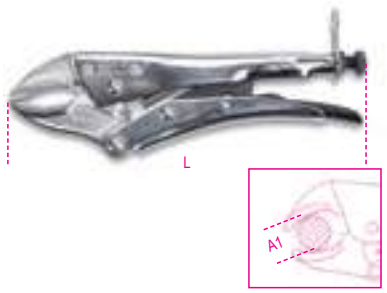
· new 9-position model



ISO 8976

L mm	A max mm	L1 mm	g		
250	48	39	460	1	010484215

1052HS
adjustable self-locking pliers,
concave jaws
with H-SAFE tethered system



L mm	A mm	A1 max mm	S mm		
240	72	42	10,0	1	010524024

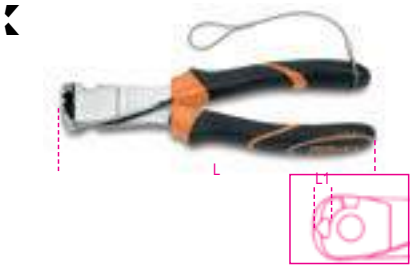
1082BM-HS
diagonal cutting nippers,
bi-material handles
with H-SAFE tethered system

UNI/ISO 5749

L mm	L1 mm	mm	A mm		
160	22	1,6	28,0	1	010824036

1088BM-HS

heavy duty end cutting nippers,
bi-material handles
with H-SAFE tethered system



UNI/ISO 5748

L mm	L1 mm	mm	A mm		
160	9	1,6	28,0	1	010884036
200	11	2,0	36,0	1	010884040

1128BAX-HS

Double-acting electricians' scissors,with milling profiles in DLC-coated stainless steel
with H-SAFE tethered system

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- **High blade surface hardness (resistance to abrasion and wear)**
- **Low coefficient of friction (smoothness and anti-adherence)**
- **Anti-loose eccentric pin**
- **Large handles with pipe throttling grooves**
- **With articulated plastic case**

L mm	L1 mm	mm²		
150	50	50	1	011284088

1132BM-HS

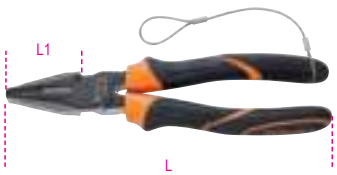
cable cutters for insulated copper and aluminium cables,
bi-material handles
with H-SAFE tethered system

UNI 8791

L mm	mm	A mm	B mm		
230	18	37	12,5	1	011324143

1150BM-HS

combination pliers bright chrome-plated,
bi-material handles
with H-SAFE tethered system



ISO 5746

L mm	L1 mm	mm	A mm		
160	42	1,6	22,0	1	011504146
180	46	1,8	25,0	1	011504148
200	50	2,0	27,0	1	011504150

1166BM-HS

extra long needle knurled nose pliers,
bi-material handles
with H-SAFE tethered system

ISO 5745

L mm	L1 mm	mm	A mm		
200	76	1,6	22,0	1	011664040

1168BM-HS

extra long bent needle knurled nose pliers,
bi-material handles

ISO 5745

L mm	L1 mm	mm	A mm		
200	70	1,6	22,0	1	011684040

1370T-HS

mechanic's hammers
fibre shaft
with H-SAFE tethered system

g	A mm	L mm	L1 mm		
300	23	300	105	1	013704630
500	27	320	118	1	013704650
1000	36	360	135	1	013704700

1370FT-HS

riveting hammers, fibre shafts

with H-SAFE tethered system

A mm	L mm	L1 mm	B mm		
28	280	86	22	1	013704528
30	280	92	24	1	013704530
36	300	104	29	1	013704536

1390HS

soft face hammers, wooden shafts
with H-SAFE tethered system

UNI 7784

D mm	L mm	L1 mm		
35	310	95	1	013904035
45	320	107	1	013904045

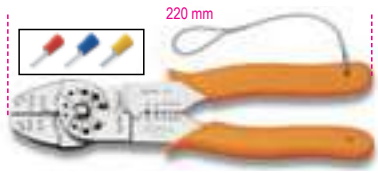
1392HS

dead-blow hammers, with interchangeable plastic faces, steel shafts
with H-SAFE tethered system

D mm	L mm	L1 mm		
35	305	115	1	013924035
40	310	125	1	013924040
50	325	135	1	013924050
60	385	155	1	013924060

1602A-HS

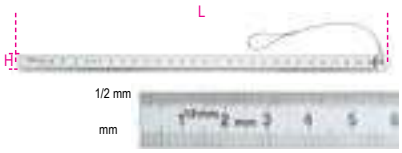
crimping pliers for insulated terminals, standard model
with H-SAFE tethered system



mm²	L mm	A mm	B mm		
0÷6	220	42	4	1	016024005

1682HS

flexible graduated rules made from stainless steel
with H-SAFE tethered system



L mm	H mm	±s mm		
200	13	0,5	1	016824020
300	13	0,5	1	016824030

1692HS

measuring tapes,shock-resistant bi-material ABS casings,
steel tapes,
precision class II

with H-SAFE tethered system

L m	S mm		
3	16	1	016924053
5	19	1	016924055

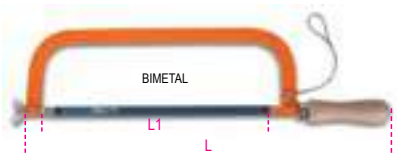
1708HS/20

metric feeler gauges
with H-SAFE tethered system

S mm	S ▯	L mm		
0,05÷1,0	0,002÷0,040	105	1	017084020

1727HS

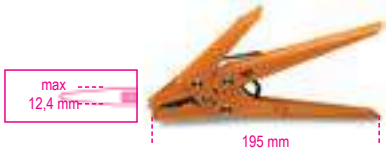
hacksaw frame, heavy series
with H-SAFE tethered system



L mm	L1 mm		
515	300	1	017274001

1743HS

fitting tool for nylon ties
with H-SAFE tethered system



L mm	A mm	B mm		
195	85	17	1	017434001

1750HS

lever operated grease guns
with H-SAFE tethered system

1 g, 550 bar Max

cc	L mm		
500	380	1	017504500

1760BHS

digital multimeter
with H-SAFE tethered system

SPECIFICATIONS
DC voltage: 200 mV-2/20/200/1000V
AC voltage: 2-20/200/700V
DC current: 2/20/200 mA-20 A
AC current: 2/200 mA- 20 A
Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ
Capacity: 2/20/200 nF - 2/200 µF
Temperature: -20° + 1000°C/ -4 °F ~ +2000°F
Frequency: 20kHz
Power supply: 1 9V battery (included)

1760BHS	1	017604012

1772H-HS

safety utility knife with retractable blade, supplied with 2 blades
with H-SAFE tethered system

L mm	A mm		
170	18	1	017724029

1778SOS-HS

car service knife
with window breaking hammer
and seat belt cutter features
in case
with H-SAFE tethered system

	L mm	A mm	L1 mm		
205	25	85	1	017784080	

8871

safety belt with metal double closure buckle.
To connect H-SAFE tools

	L cm min-max		
8871 70	70-100	1	088710070
8871 100	100-135	1	088710100

8872A

fixed loop

- **For belt item 8871**

8872A 50	1	088720050	

8872AS

strap loop

- **For belt item 8871**

	D mm		
8872AS 25	25	1	088720525

8873

tool bag
with self-locking

- **For belt item 8871**

8873 230	1	088730230	

8877

cushioned hook-up lace

- **MAX 2.7 kg**

	L cm min÷max	DxL mm		
8877 80	70-110	40x80	1	088770080

8879

strap wristband

- **MAX 2.7 kg**

	D mm		
8879	30	1	088790025

8880

hard hook-up lace

- **With anti-winding joint**

	L Cm	D mm		
8880 30	30	10	1	088800030

8883

tool bag

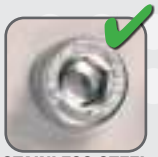
- **Made of anti-abrasion nylon 840**
- **MAX 20 kg**
- **Snap link for stopping zip at top**
- **6 tool retaining strings**
- **Interior pocket**

	DxH Cm		
8883	30x40	1	088830030

STAINLESS STEEL TOOLS

Beta INOX STAINLESS STEEL

STAINLESS STEEL + NO STAINLESS STEEL= RUST



STAINLESS STEEL + STAINLESS STEEL= NO RUST

Stainless steel is an alloy steel with a high chromium content.
Chromium forms a surface oxide film which protects metal and immediately reforms in case of chemical or mechanical damage.

We at **Beta Utensili** have relied on this unique characteristic to develop the **Beta Inox** tools, which are the name for high resistance to corrosion as well as remarkable **hygiene** and l**ow bacterial retentiveness**. Indeed, stainless steel tools **get less dirty and are cleaned better** than those made from other materials, and can be **autoclaved at 121 °C.**

The **Beta Inox** tools can be used in **critical environments** – that is, in areas where absolutely no contamination is permitted.

Fields of application:
- Nuclear applications
- Pharmaceutical production - class C
- Biotechnological and biomedical laboratories
- Food industry.

The **Beta Inox** tools avoid ferrous contamination, thus preventing improper **rust formation**. Whenever any tools made of ordinary carbon steel are used on stainless steel screws, nuts or surfaces, a few iron particles may come off the tools, which results in aesthetic problems (**iron moulds**). If neglected, these trigger localized corrosion. Using stainless steel tools will completely prevent polluting particles from spreading.

Fields of application:
- Shipyards
- Building
- Offshore applications
- Solar systems
- Car industry

Mechanical characteristics
Beta's tools are made of magnetic **steel AISI 420**. Its outstanding mechanical characteristics translate into tools whose performance far exceeds the standards and is comparable to that of Beta's other tools.
These tools share the same ergonomic properties and design as Beta's other tools, which have been known to, and appreciated by, professional users for over 80 years.
The containers are made of **steel AISI 304**, which can boast remarkable cold formability properties and even higher corrosion resistance.

Recyclability
Stainless steel is **100% recyclable.**
This is also a major plus.

Mark for stainless steel products. Released by Centro Inox - Italian Stainless Steel Development Association - for products made of stainless steel.

34INOX
flat chisels,
made of stainless steel

L mm	A mm	Ø mm		
100	14	14	1	000340314
160	18	18	1	000340318
200	20	20	1	000340320

39INOX
wedges,
made of stainless steel

L mm	A mm	S mm		
100	50	10	1	000390310
150	50	13	1	000390315
200	40	40	1	000390320

42INOX
combination wrenches
made of stainless steel

DIN 3113 - UNI ISO 7738

mm	L mm		
6x6	95	2	000420306
7x7	105	2	000420307
8x8	116	2	000420308
9x9	127	2	000420309
10x10	137	2	000420310
11x11	148	2	000420311
12x12	158	2	000420312
13x13	169	2	000420313
14x14	180	2	000420314
15x15	190	2	000420315
16x16	201	2	000420316
17x17	212	2	000420317
18x18	222	2	000420318
19x19	233	2	000420319
21x21	254	1	000420321
22x22	264	1	000420322
24x24	285	1	000420324
27x27	290	1	000420327
30x30	320	1	000420330
32x32	340	1	000420332
36x36	360	1	000420336
38x38	430	1	000420338
41x41	430	1	000420341
46x46	480	1	000420343
50x50	520	1	000420345
55x55	560	1	000420347
60x60	595	1	000420350

42INOX/S11 6-8-10-11-12-13- 14-15-16-17-19 mm	1	000420391

42INOX-AS

combination wrenches,
made of stainless steel

	L mm	
1/4x1/4	95	1 000420356
5/16x5/16	116	1 000420358
3/8x3/8	137	1 000420360
7/16x7/16	148	1 000420361
1/2x1/2	169	1 000420363
9/16x9/16	180	1 000420364
5/8x5/8	201	1 000420366
11/16x11/16	212	1 000420367
3/4x3/4	233	1 000420369
13/16x13/16	254	1 000420371
7/8x7/8	264	1 000420372
15/16x15/16	285	1 000420373

42INOX-AS/S9 1 000420396
1/4-5/16-3/8-7/16-1/2
9/16-5/8-11/16-3/4

96BPINOX

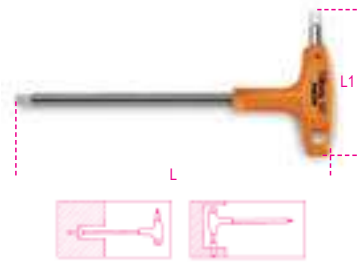
ball head offset hexagon key wrenches,
made of stainless steel

mm	L mm	L1 mm	g	
2	91	22	4	4 000961441
2,5	91	22	6	4 000961442
3	101	24	11	4 000961443
4	112	29	19	4 000961444
5	131	33	32	4 000961445
6	154	36	51	4 000961446
7	164	40	65	2 000961447
8	175	44	116	2 000961448
10	197	51	189	2 000961450

96BPINOX/B6 1 000961455
2,5-3-4-5-6-8 mm
96BPINOX/B9 1 000961456
2-2,5-3-4-5-
6-7-8-10 mm

96TINOX

offset hexagon key wrenches,
with high-torque handles,
made of stainless steel

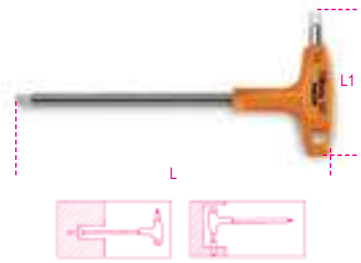


mm	L mm	L1 mm	
2,5	153	55	2 000961935
3	153	55	2 000961936
4	179	70	2 000961938
5	200	84	2 000961940
6	221	95	2 000961941
7	236	106	2 000961942
8	255	117	2 000961943
10	285	132	2 000961944

96TINOX/S5 1 000961952
2,5-3-4-5-6 mm
96TINOX/S8 1 000961954
2,5-3-4-5-
6-7-8-10 mm

96TINOX-AS

offset hexagon key wrenches,
with high torque handles,
made of stainless steel



"	L mm	L1 mm	Ø mm	
3/32	153	55	3	2 000961861
7/64	153	55	4	2 000961862
1/8	179	70	4	2 000961863
9/64	179	70	5	2 000961864
5/32	200	84	6	2 000961865
3/16	200	84	6	2 000961866
7/32	221	103	7	2 000961867
1/4	236	106	8	2 000961868
5/16	255	117	10	2 000961869
3/8	285	132	12	2 000961870

96TINOX-AS/S7 1 000961877
3/32-1/8-5/32-3/16-
7/32-1/4-5/16

111INOX

adjustable wrenches,
made of stainless steel

DIN 3117 - ISO 6787

L mm	L "	A max mm	A1 mm	
150	6	18	45	1 001110315
200	8	24	58	1 001110320
250	10	30	70	1 001110325

362INOX

heavy-duty pipe wrenches,
made of stainless steel

L mm	Ø max mm	
300	58	1 003620430

920INOX-A

hexagon hand sockets,
made of stainless steel

DIN 3124 - UNI ISO 2725

mm	Ø mm	A mm	L mm	
8	15	10	40	2 009203008
9	16	10	40	2 009203009
10	17	10	40	2 009203010
11	18	11	40	2 009203011
12	19	11	40	2 009203012
13	20	11	40	2 009203013
14	21	11	40	2 009203014
15	23	11	40	2 009203015
16	24	11	40	2 009203016
17	25	11	40	2 009203017
18	26	13	42	2 009203018
19	28	13	42	2 009203019
20	29	13	42	1 009203020
21	30	13	43	1 009203021
22	31	15	43	1 009203022
24	34	15	43	1 009203024
27	38	18	46	1 009203027
30	42	20	46	1 009203030
32	44	20	46	1 009203032

920/55INOX

1/2" drive reversible ratchet,
72 teeth,
made of stainless steel

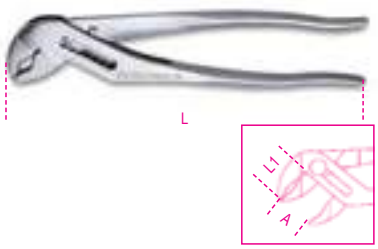
L mm	Ø mm	A mm	
264	40	43	1 009203882

920/R55INOX

920/R55 INOX	1	009203879

1048INOX

slip joint pliers, boxed joints,
made of stainless steel
• 7-position model



L mm	A max mm	L1 mm		
250	33	33	1	010480325

1082INOX

diagonal cutting nippers,
made of stainless steel

L mm	L1 mm	mm		
150	20,0	1,6	1	010820350

1150INOX

heavy-duty combination pliers,
made of stainless steel

decentralized pin
open joint

L mm	L1 mm		
180	39	1	011500518

1153INOX

adjustable pliers, two positions,
made of stainless steel

L mm	L1 mm		
150	26	1	011530315

1201INOX-E

screwdrivers for slotted head screws, made from stainless steel

ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	148	2,5	4	012011403
0,5x3x75	173	3,0	4	012011409
0,8x4x100	198	4,0	4	012011430
1x5,5x150	259	5,0	4	012011442
1,2x6,5x150	270	6,5	4	012011451

1202INOX-E

screwdrivers for cross head Phillips® screws, made from stainless steel

ISO 2380

PHxDxL mm	L1 mm		
0x3x60	158	4	012021403
1x4,5x80	189	4	012021409
2x6x100	220	4	012021418

1370INOX

engineer's hammer,
made of stainless steel

g	A mm	L mm	L1 mm		
500	25	240	101	1	013700375

1377INOX

ball pein hammers,
round heads,
for coppersmiths and tinsmiths,
made of stainless steel

g	L mm	L1 mm		
230	220	82	1	013770623
340	220	90	1	013770634

1730INOX

universal spatula,
made from stainless steel

A mm	L mm		
50	200	1	017300450

C20TSS

five-section cantilever tool box, made of AISI 304 stainless steel

C20TSS	1	021203001

450x200x210 mm - 4 Kg

T23

T23	517
TV23	517

T99

T99	520
TV99	520

T228

T228	523
TV180MH	522-523

C04TSS-7

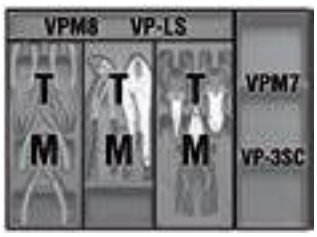
mobile roller cab with seven drawers, made entirely of stainless steel, Non-marking wheels

Main features:

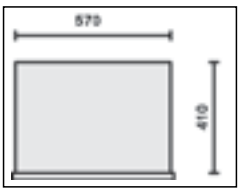
• Seven drawers (570 x 410 mm) with ball bearing slides;
6 drawers, 83 mm high;
1 drawer, 170 mm high;
• 4 castors Ø 125 mm
2 fixed and 2 steering (two with brakes);
• Front centralized lock;
• Frame made entirely of stainless steel AISI 304
• Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
• Drawer handles made of aluminium

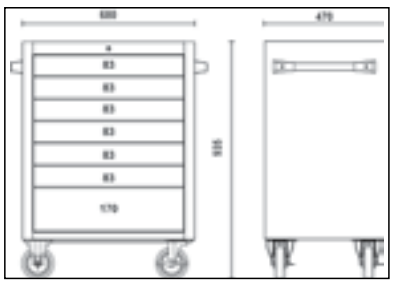
63 kg

700 kg



h	max
83 mm	25 kg
170 mm	30 kg





C04TSS/7		1	024003077

SPARK-PROOF TOOLS

Copper-Berillium Cu-Be

The **Beta** spark-proof tools are specially designed for safe operations in environments subject to potential risk of explosion, in the presence of flammable liquids or gases, or for any applications that require using perfectly antimagnetic, corrosion-resistant tools.

The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.

WARNING! Risk of explosion in **ACETYLENE** environment

The mechanical characteristics of sparkproof tools differ from those of normal steel tools. Sparkproof tools should be used with extreme caution, avoiding overloads.

CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK		
ATEX	MEDIUM-LOW	EXTREMELY LOW
GASES	**ZONE 1** An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.	**ZONE 2** An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
DUSTS	**ZONE 21** An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.	**ZONE 22** An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.

30BA
sparkproof drift punches

Ø mm	L mm	S mm		
5	150	15	1	000300806
8	150	17	1	000300808
10	150	19	1	000300810

31BA
sparkproof pin punches

Ø mm	L mm		
3	110	1	000310853
4	110	1	000310854
6	115	1	000310856
8	120	1	000310858

31BA/C
sparkproof drift punches

Ø mm	Ø1 mm	L mm		
★6	12	150	1	000310876
★7	13	150	1	000310877
★12	18	175	1	000310882
★13	29	255	1	000310883

32BA
sparkproof centre punch

⬢ mm	L mm		
14	150	1	000320811

34BA
sparkproof flat chisels

L mm	A mm		
200	22	1	000340801
250	24	1	000340803
300	25	1	000340802

39BA
sparkproof wedges

L mm	A mm		
150	40	1	000390801
230	40	1	000390802
250	40	1	000390803

42BA
sparkproof combination wrenches, open bi-hex ring ends

mm	L mm		
6x6	105	1	000420806
7x7	105	1	000420807
8x8	120	1	000420808
9x9	120	1	000420809
10x10	135	1	000420810
11x11	135	1	000420811
12x12	150	1	000420812
13x13	150	1	000420813
14x14	175	1	000420814
15x15	175	1	000420815
16x16	195	1	000420816
17x17	200	1	000420817
18x18	215	1	000420818
19x19	220	1	000420819
20x20	230	1	000420820
21x21	240	1	000420821
22x22	250	1	000420822
24x24	268	1	000420824
26x26	290	1	000420826
27x27	290	1	000420827
28x28	290	1	000420828
30x30	313	1	000420830
32x32	333	1	000420832
34x34	360	1	000420834
35x35	360	1	000420835
36x36	355	1	000420836
38x38	430	1	000420838
41x41	430	1	000420841
46x46	480	1	000420846
50x50	520	1	000420850
55x55	560	1	000420855
60x60	580	1	000420860
★65x65	595	1	000420865
★70x70	630	1	000420870

42BA-AS
sparkproof combination wrenches, open bi-hex ring ends

"	L mm		
9/32x9/32	120	1	000420946
5/16x5/16	120	1	000420947
11/32x11/32	135	1	000420948
3/8x3/8	128	1	000420950
7/16x7/16	135	1	000420951
15/32x15/32	140	1	000420949
1/2x1/2	140	1	000420953
9/16x9/16	163	1	000420954
★19/32x19/32	195	1	000420955
5/8x5/8	177	1	000420956
11/16x11/16	195	1	000420957
3/4x3/4	215	1	000420959
13/16x13/16	230	1	000420961
7/8x7/8	235	1	000420962
15/16x15/16	256	1	000420964
★31/32x31/32	265	1	000420963
1x1	266	1	000420965
1,1/16x1,1/16	283	1	000420967
1,1/8x1,1/8	297	1	000420969
1,3/16x1,3/16	308	1	000420970
1,1/4x1,1/4	324	1	000420973
★1,7/16x1,7/16	360	1	000420976

55BA
sparkproof double open end wrenches

mm	L mm		
6x7	90	1	000550801
8x9	100	1	000550802
8x10	100	1	000550795
9x11	110	1	000550797
10x11	120	1	000550803
12x13	130	1	000550804
★12x14	130	1	000550846
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
16x17	165	1	000550807
17x19	170	1	000550847
18x19	170	1	000550809
★19x22	185	1	000550810
20x22	185	1	000550811
21x23	210	1	000550813
22x24	210	1	000550815
24x26	230	1	000550817
24x27	230	1	000550818
25x28	230	1	000550819
27x29	246	1	000550820
30x32	265	1	000550822
36x38	320	1	000550826
36x41	335	1	000550828
41x46	355	1	000550829
★46x50	370	1	000550830
★50x55	385	1	000550831
★55x60	415	1	000550832

58BA
sparkproof open end slogging wrenches

mm	L mm		
17	125	1	000580817
19	125	1	000580819
22	135	1	000580822
24	150	1	000580824
27	165	1	000580827
30	180	1	000580830
32	190	1	000580832
★34	200	1	000580834
36	210	1	000580836
38	220	1	000580838
41	230	1	000580841
46	240	1	000580846
50	255	1	000580850
★55	305	1	000580855
★60	315	1	000580860
★65	335	1	000580865
★70	370	1	000580870
★75	375	1	000580875
★80	400	1	000580880
★85	400	1	000580885
★90	445	1	000580890
★95	445	1	000580895
★100	485	1	000580900
★110	513	1	000580901

58BA-AS
sparkproof double open end slogging wrenches

mm	L mm	A mm	S mm		
★11/16	125	40,5	11,0	1	000580904
★3/4	125	40,5	11,0	1	000580905
★7/8	135	46,2	12,0	1	000580906
★15/16	150	50,3	12,0	1	000580907
★31/32	150	50,3	12,0	1	000580954
★1	175	56,9	15,0	1	000580908
★1.1/8	190	64,0	15,5	1	000580909
★1.1/4	190	64,0	15,5	1	000580910
★1.7/16	210	75,0	18,5	1	000580912
★1.1/2	220	82,0	18,5	1	000580913
★1.5/8	230	86,8	18,5	1	000580914
★1.3/4	250	98,0	20,	1	000580970

78BA
sparkproof bi-hex ring slogging wrenches

mm	L mm		
17	145	1	000780817
19	145	1	000780819
22	165	1	000780822
24	140	1	000780824
27	155	1	000780827
30	165	1	000780830
32	180	1	000780832
34	192	1	000780834
36	208	1	000780836
38	215	1	000780838
41	225	1	000780841
46	245	1	000780846
50	250	1	000780850
55	265	1	000780855
60	275	1	000780860
65	295	1	000780865
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880
★85	355	1	000780885
★90	380	1	000780890
★95	390	1	000780895
★100	410	1	000780900
★105	420	1	000780903
★110	445	1	000780901
★120	480	1	000780902

78BA-AS
sparkproof bi-hex ring slogging wrenches

"	L mm		
11/16	145	1	000780908
3/4	145	1	000780909
7/8	155	1	000780935
15/16	165	1	000780936
★31/32	165	1	000780937
1	175	1	000780938
★1.1/16	175	1	000780939
1.1/8	180	1	000780940
1.3/16	185	1	000780941
1.1/4	177	1	000780910
★1.5/16	200	1	000780954
★1.3/8	205	1	000780911
1.7/16	208	1	000780912
★1.1/2	215	1	000780913
★1.9/16	225	1	000780947
★1.11/16	225	1	000780962
1.5/8	225	1	000780914
★1.3/4	235	1	000780963
1.13/16	243	1	000780916
1.7/8	235	1	000780915
2	254	1	000780918
2.3/16	264	1	000780920
2.3/8	275	1	000780922
★2.9/16	286	1	000780924
★2.15/16	311	1	000780926
★3.1/8	325	1	000780928
★3.1/2	355	1	000780930

89BA
spark-proof single ring wrenches

mm	L mm		
10	200	1	000890810
11	210	1	000890811
12	220	1	000890812
13	230	1	000890813
14	240	1	000890814
16	260	1	000890816
17	270	1	000890817
18	280	1	000890818
19	300	1	000890819
20	310	1	000890820
22	330	1	000890822
24	350	1	000890824
27	370	1	000890827
30	400	1	000890830
32	420	1	000890832

90BA
sparkproof double ended offset ring wrenches

mm	L mm		
6x7	122	1	000900801
8x9	128	1	000900802
10x11	155	1	000900803
12x13	175	1	000900806
12x14	180	1	000900807
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
17x19	250	1	000900814
18x19	265	1	000900815
19x22	280	1	000900817
20x22	295	1	000900818
21x23	298	1	000900820
22x24	315	1	000900821
24x26	333	1	000900822
24x27	340	1	000900823
30x32	395	1	000900824
34x36	410	1	000900826
★36x41	450	1	000900828
★41x46	470	1	000900829
★46x50	490	1	000900830

91BA
sparkproof heavy duty offset ring wrenches

mm	Ø mm		
24	38	1	000910824
27	42	1	000910827
30	48	1	000910830
32	49	1	000910832
36	54	1	000910836
41	62	1	000910841
★46	69	1	000910846
★50	75	1	000910850
★55	82	1	000910855

92BA
sparkproof tubes for item 91BA

	L mm	91BA mm	Ø mm		
92BA/1	460	24÷30	25	1	000920810
92BA/2	610	32÷41	28	1	000920820
★92BA/3	760	46÷55	32	1	000920830

93BA
ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof

mm	L mm		
21x22	345	1	000930821

95BA
double ended flat ring wrenches, sparkproof

mm	L mm		
7x9	115	1	000950801
8x10	115	1	000950802
10x11	140	1	000950804
10x12	140	1	000950805
12x14	145	1	000950806
14x17	165	1	000950807
★16x18	170	1	000950809
★17x19	185	1	000950808
★18x19	185	1	000950810
★19x22	200	1	000950812
★21x23	230	1	000950815
★24x27	255	1	000950817
★30x32	295	1	000950820

96BA
sparkproof offset hexagon key wrenches

mm	L mm	L1 mm		
1,5	50	17	1	000960760
2	50	16	1	000960762
2,5	56	20	1	000960761
3	63	21	1	000960763
4	69	25	1	000960764
5	78	29	1	000960765
6	88	33	1	000960766
7	93	34	1	000960767
8	97	36	1	000960768
9	104	37	1	000960769
10	110	39	1	000960770
11	118	42	1	000960771
12	122	44	1	000960772
14	150	58	1	000960774
15	156	60	1	000960775
16	162	63	1	000960776
17	168	65	1	000960777
19	177	72	1	000960779
22	186	77	1	000960802
24	192	82	1	000960804

96BA/BP
ball head offset hexagon key wrenches, sparkproof

mm	L mm	L1 mm		
1,5	50	16	1	000961800
2	50	16	1	000961801
2,5	63	20	1	000961802
3	60	20	1	000961803
3,5	70	25	1	000961799
4	66	25	1	000961804
5	75	28	1	000961805
6	84	32	1	000961806
8	92	36	1	000961808
10	102	40	1	000961810
12	113	45	1	000961812

96BAF-AS

sparkproof offset hexagon key wrenches

mm	L mm	L1 mm		
★1/16	59	25	1	000962831
★5/64	59	25	1	000962832
★3/32	59	25	1	000962833
★7/64	59	25	1	000962834
★1/8	59	25	1	000962835
★9/64	64	29	1	000962836
★5/32	65	30	1	000962837
★3/16	79	31	1	000962838
★7/32	85	37	1	000962839
★1/4	85	37	1	000962840
9/32	88	38	1	000962841
★5/16	92	44	1	000962842
11/32	100	44	1	000962843
★3/8	110	45	1	000962844
★7/16	119	48	1	000962845
★1/2	140	55	1	000962846
★9/16	150	58	1	000962847

99BA

sparkproof hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983

mm	A mm		
32-75	4,0	1	000990803
50-120	4,5	1	000990805
115-170	4,5	1	000990811

110BA

sparkproof adjustable wrenches

L mm	A max		
100	13	1	001100810
150	18	1	001100815
200	24	1	001100820
250	30	1	001100825
300	36	1	001100830
375	46	1	001100837
★450	55	1	001100845
★600	65	1	001100860

363BA

sparkproof heavy duty pipe wrenches

L mm	Ø max	Ø max mm		
150	1/2" gas	20	1	003630815
200	1" gas	30	1	003630820
250	1"1/2 gas	49	1	003630825
300	2" gas	60	1	003630830
350	2" gas	60	1	003630835
450	2"1/2 gas	76	1	003630845
600	3" gas	90	1	003630860

378BA

sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy

L mm	Ø max "		
430	1" 1/2 gas	1	003780800
530	2" gas	1	003780801

386BA

sparkproof heavy duty reversible chain pipe wrenches

L mm	Ø max mm	470		
600	100	470	1	003860806
900	200	750	1	003860809

911BA

bi-hex hand sockets, spark-proof

3/8"

mm	L mm		
6	28	1	009110806
7	28	1	009110807
8	28	1	009110808
9	28	1	009110809
10	32	1	009110810
11	32	1	009110811
12	32	1	009110812
13	32	1	009110813
14	32	1	009110814
15	32	1	009110815
16	32	1	009110816
17	32	1	009110817
18	32	1	009110818
19	32	32	1	009110819

911BA/16

adaptor, 3/8" female and 1/2" male drives, spark-proof

3/8"

L mm	□	■		
34	3/8	1/2	1	009110836

911BA/20

extension bar, 3/8" male and female drives, spark-proof

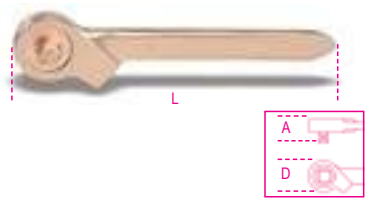
3/8"

L mm		
75	1	009110840

911BA/55

3/8" push-through drive ratchet, spark-proof

3/8"



L mm	D mm	A mm		
200	45	16.5	1	009110882

921BA

sparkproof bi-hex sockets

12"

mm	Ø mm	L mm		
8	15,0	40	1	009210808
9	16,0	40	1	009210809
10	17,5	40	1	009210810
11	18,0	40	1	009210811
12	18,5	40	1	009210812
13	20,0	40	1	009210813
14	21,0	40	1	009210814
15	21,5	40	1	009210815
16	24,0	40	1	009210816
17	25,0	40	1	009210817
18	25,0	40	1	009210818
19	28,0	42	1	009210819
20	29,0	42	1	009210820
21	30,0	43	1	009210821
22	30,5	43	1	009210822
24	34,0	43	1	009210824
25	36,0	43	1	009210825
26	37,5	43	1	009210826
27	37,5	45	1	009210827
28	38,9	46	1	009210828
30	41,5	46	1	009210830
32	43,5	46	1	009210832

921BA-AS
sparkproof bi-hex sockets

"	Ø mm	L mm		
5/16	24,0	40	1	009210958
3/8	24,0	40	1	009210960
7/16	24,0	40	1	009210961
1/2	24,0	40	1	009210963
9/16	24,0	40	1	009210964
5/8	25,0	40	1	009210966
11/16	25,5	40	1	009210967
3/4	28,0	42	1	009210969
13/16	30,0	43	1	009210971
7/8	31,5	43	1	009210972
15/16	34,0	43	1	009210974
1	36,0	43	1	009210975
1.1/16	38,0	46	1	009210977
1.1/4	42,0	46	1	009210982
1.7/16	50,5	50	1	009210986

921BA/15
adaptor,
1/2" female and 3/8" male drives,
spark-proof

L mm	□	■		
34	1/2	3/8	1	009210839

921BA/16
adaptor, 1/2" female and 3/4" male drives, sparkproof

L mm	□	■		
34	1/2	3/4	1	009210840

921BA/21 - 921BA/22
sparkproof 1/2" wobble extension bars

	L mm	Ø mm		
921BA/21	125	30	1	009210842
921BA/22	250	31	1	009210844

921BA/25
sparkproof 1/2" drive universal joint

L mm	Ø mm	□	■		
80	25	1/2	1/2	1	009210845

921BA/42
sparkproof 1/2" drive sliding T handle

L mm		
250	1	009210846

921BA/50
sparkproof 1/2" drive
push-through square ratchet

L mm	D mm	A mm		
250	45	16,5	1	009210850

921BA/R50
sparkproof
spare set

■		
1/2"	1	009210851

926BA
sparkproof bi-hex hand sockets

mm	Ø mm	L mm		
22	40	55	1	009260822
24	40	55	1	009260824
26	40	55	1	009260826
27	40	55	1	009260827
28	41	55	1	009260828
30	43	60	1	009260830
32	45	60	1	009260832
34	48	60	1	009260834
36	50	60	1	009260836
38	53	60	1	009260838
41	57	65	1	009260841
46	63	65	1	009260846
50	68	70	1	009260850

926BA/15
adaptor, 3/4" female and 1/2" male drives, sparkproof

L mm	□	■		
55	3/4	1/2	1	009260861

926BA/22
sparkproof 3/4" drive extension bars

	L mm	Ø mm		
926BA/22	200	38	1	009260872

926BA/42
sparkproof 3/4" drive slide T-handle

L mm		
400	1	009260876

926BA/50
sparkproof 3/4" push-through drive ratchet

L mm	D mm	A mm		
300	61	22	1	009260880

926BA/R50

sparkproof
spare set

3/4"

■		
3/4"	1	009260881

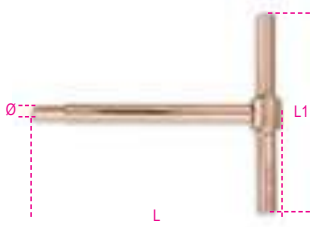
937BA

hexagon socket wrenches, sparkproof

mm	L mm	A mm		
13	240	45	1	009370813
17	260	51	1	009370817
19	270	55	1	009370819
22	278	59	1	009370822
24	286	63	1	009370824
27	294	69	1	009370827
30	302	75	1	009370830
32	310	81	1	009370832
★36	330	85	1	009370836
★41	350	90	1	009370841

951BA

T-handle wrenches with hexagon male ends, sparkproof



mm	L mm	L1 mm		
4	100	90	1	009510904
5	100	90	1	009510905
6	100	90	1	009510906

961BA

sparkproof scrapers

L mm	A mm		
250	39	1	009610802
350	55	1	009610806

963BA

sparkproof pry bars with pointed and flat bent ends

L mm	A mm		
500	24	1	009630801
★800	24	1	009630803
★1000	30	1	009630805

964BA

sparkproof wrench bungs

L mm		
385	1	009640801

964BA/L

universal shears for barrels, sparkproof

For opening edged metal barrels

	L mm		
★964BA/L	510	1	009640821

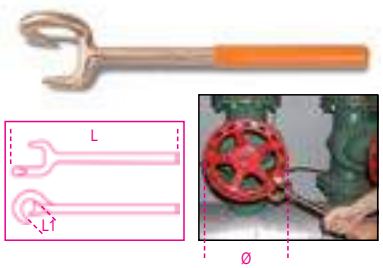
965BA

safety valve wrenches, sparkproof

A mm	A1 mm	L mm		
30	44	200	1	009650830
32	50	300	1	009650832
35	47	250	1	009650835
40	50	300	1	009650840
45	58	350	1	009650845
48	62	375	1	009650848
50	67	400	1	009650850
55	73	450	1	009650855
60	79	500	1	009650860
★65	82	550	1	009650865
★70	85	600	1	009650870

966BA

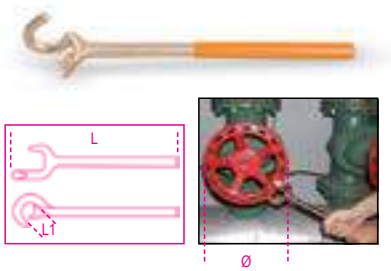
sparkproof safety valve wrench



L mm	L1 mm	Ø min÷max mm		
350	40	50÷150	1	009660801

966BA/V

sparkproof safety valve wrenches



L mm	L1 mm	Ø min÷max mm		
370	36	125÷250	1	009660812
430	48	250÷400	1	009660814

1032BA

sparkproof internal circlip pliers, straight pattern,
PVC-coated handles

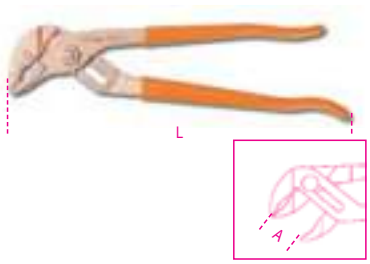
L mm	⊙ mm		
200	40÷100	1	010320820

1036BA

sparkproof external circlip pliers, straight pattern,
PVC-coated handles

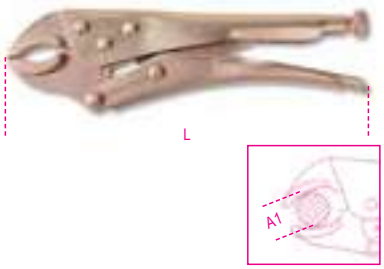
L mm	● mm		
200	40÷100	1	010360820

1046BA
sparkproof slip joint pliers



L mm	A max mm		
250	32	1	010460801
★300	52	1	010460803

1052BA
adjustable self-locking pliers, concave jaws, sparkproof



L mm	A1 max mm		
225	40,0	1	010520824

1082BA
sparkproof diagonal cutting nippers

L mm	L1 mm		
160	22	1	010820801

1100BA
bolt cutters, spark-proof

L mm		
600	1	011000860

1137BA
blasting pliers

L mm	L1 mm		
185	30	1	011370801

1137BA/RC
spare blade for item 1137BA

1137BA/RC	1	011370851

1150BA
sparkproof combination pliers

L mm	L1 mm		
200	40	1	011500820

1162BA
sparkproof extra-long flat knurled nose pliers

L mm	L1 mm		
150	54	1	011620815

1166BA
sparkproof extra-long needle knurled nose pliers

L mm	L1 mm		
150	54	1	011660815

1201BA-E
screwdrivers for slotted head screws, sparkproof

AxL mm	L1 mm		
3x75	173	1	012011803
4x100	198	1	012011804
5x150	259	1	012011805
6x150	270	1	012011806
8x200	332	1	012011808
10x250	382	1	012011810

1202BA-E
screwdrivers for cross head Phillips® screws, sparkproof

PHxDxL mm	L1 mm		
1x5x100	209	1	012021801
2x6x150	270	1	012021802
3x8x200	332	1	012021803

1370BA
sparkproof engineer's hammers, wooden shafts

g	A mm	L mm	L1 mm		
500	30	310	108	1	013700805
1000	35	340	137	1	013700810

1370BA/MR
spare shafts for item 1370BA

1370BA/MR 500 1370BA/500	1	013700865
1370BA/MR 1000 1370BA/1000	1	013700870

1370BA/PL
sparkproof engineer's hammers, fibre shafts

g	A mm	L mm	L1 mm		
500	30	310	108	1	013700815
1000	35	340	137	1	013700820

1375BA/PL
sparkproof ball pein and claw hammer, wooden shaft

g	L mm	L1 mm	Ø mm		
680	321	125	30	1	013750800

1377BA
sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths

g	L1 mm	L mm		
340	90	280	1	013770834

1377BA/PL
sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths

g	L1 mm	L mm		
340	90	280	1	013770884

1379BA
sparkproof scraping hammer, wooden shaft

g	L1 mm	L mm		
500	142	315	1	013790850

1380BA
sparkproof lump hammers, wooden shafts

g	L1 mm	L mm		
1000	100	400	1	013800810
1500	118	400	1	013800815
2000	126	400	1	013800820

1380BA/MR
spare shafts for item 1380BA

1380BA/MR 1000 1380BA/1000	1	013800860
1380BA/MR 1500 1380BA/1500	1	013800865
1380BA/MR 2000 1380BA/2000	1	013800870

1380BA/PL
sparkproof mason club hammers, fibre shafts

g	L1 mm	L mm		
500	80	310	1	013800955
1000	94	350	1	013800960
1500	115	400	1	013800965
2000	125,5	400	1	013800970

1381BA
sparkproof sledge hammers, wooden shafts

g	L1 mm	L mm		
5000	179	900	1	013810850
★**8000**	190	900	1	013810858

1381BA/MR
spare shaft for item 1381BA

1381BA/MR 5000 1381BA/5000	1	013810870
★**1381BA/MR 8000** 1381BA/8000	1	013810878

1381BA/PL
sparkproof sledge hammers, fibre shafts

g	L1 mm	L mm		
5000	172	900	1	013810885
8000	204	900	1	013810888

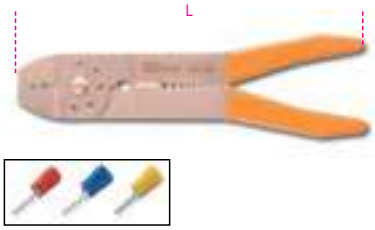
1390BA
spark-proof soft face hammer

Ø mm	L mm	L1 mm		
★**52**	370	130	1	013900805

1390BA/R
spare nylon faces for item 1390BA

D mm		
52	4	013900885

1602BA
sparkproof crimping pliers for insulated terminals, lightweight series



mm²	L mm		
0.75÷6	200	1	016020801

1701BA
sparkproof hexagon chisels

L mm	A mm	S mm		
150	12	10	1	017010810
200	16	14	1	017010814
250	18	14	1	017010815
350	19	17	1	017010817

1703BA/A
sparkproof axe

L mm	L1 mm	A mm		
340	145	82	1	017030082

1703BA/P
sparkproof pick

A mm	L mm	L1 mm		
56	1050	410	1	017030150

1703BA/PL
sparkproof shovel

A mm	L1 mm	L mm		
240	420	990	1	017030200

1717BA
sparkproof rigid spatulas

A mm		
60	1	017170801
80	1	017170803

1717BA/1
sparkproof wall scraper

A mm	L mm		
100	220	1	017170805

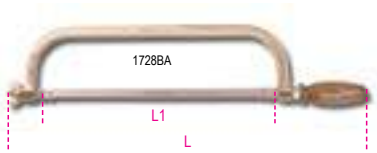
1719BA8
sparkproof files, 8"

	L mm		
1719BA8/P	200	1	017190801
1719BA8/M	200	1	017190805
1719BA8/R	200	1	017190810
1719BA8/T	200	1	017190815
1719BA8/Q	200	1	017190820

1719BA12
sparkproof files, 12"

	L mm		
1719BA12/P	300	1	017190831

1727BA
sparkproof hacksaw and blade



L mm	L1 mm		
500	300	1	017270801

1728BA
spark-proof blades for hacksaw frames, made from copper-beryllium alloy

L mm		
300	1	017280801

1737BA
brush with sparkproof wires

L mm	A mm		
294	29	1	017370801

1758BA
sparkproof funnel

Ø mm	H mm		
160	150	1	017580815

1776BA
sparkproof knife

L1 mm	L mm		
145	250	1	017760801

1784BA
sparkproof scissors

L mm		
225	1	017840822

POWER TOOLS

Reliable, durable working instruments, capable of satisfying every professional's requirements.

Beta's family of power tools comprises
- **BATTERY TOOLS**
- **CORDED TOOLS**

Beta POWERTOOLS

BATTERY TOOLS

3-YEAR WARRANTY

The new range of battery tools includes 12V and 20V high-performance machines.

The **12V line** includes the impact drill and the impact wrench with bit chuck, must-have tools designed to make everyday work easier, based on performance, lightweightedness and compactness.

Whereas the **20V line** comprises battery tools synonymous with **high performance, construction quality and durability.**

We at Beta relied on these hallmarks to develop a comprehensive line of battery tools, ranging from the high-torque impact drill to the impact wrench with 1/2" square drive.

All of Beta's new power tools are equipped with brushless motors and first-rate interior mechanisms, for significantly improved performance and durability
of the tool.

The impact wrench with a maximum unscrewing torque of **1200 Nm** is no doubt the flagship power tool of the new range, an ideal work partner for anybody who needs unparalleled power and performance. Our 20V lithium ion batteries are available with capacities up to 6Ah and can be used on all the tools of the range.

Frame the QR code for further information on free 3-year warranty extension.

1972/K12V-10

ultracompact drill, 12V

- ultracompact: no more than 170 mm in length; ultralightweight: no more than 1.1 kg, with battery, and perfectly balanced
- double mechanical speed with steel gears and 20-position clutch
- torque up to 30 Nm and 1300 rpm (400 rpm in 1st gear); drills diameters up to 10 mm in steel and 20 mm in wood
- 2Ah batteries and charge indicator on drill body
- ergonomic nonslip handle
- front LED
- 10-mm autochuck
- belt clip (right/left side)
- selector switch, screwing-unscrewing-locking modes (for transportation)
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (50 min)

1972/K12V-10	1	019720112

316x254x96 mm - 2,3 kg

1982/K12V

reversible impact wrench, 12V,
ideal for jobs in small areas, provides high torque (80 Nm), one-handed operation

- ultracompact: no more than 160 mm in length; ultralightweight: no more than 1 kg, with battery, and perfectly balanced
- 1/4" hexagon drive with locknut
- belt clip (right/left side)
- front LED
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- gearcase made entirely of metal
- 2Ah batteries with charge indicator on impact wrench body
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (50 min)

1982/K12V	1	019820112

316x254x96 mm - 2,3 kg

1972/K12V-COMBO

12V kit of ultracompact drill + 1/4" HEX reversible impact wrench

Case contents:
- 1 12V ultracompact drill, with 10-mm autochuck
- 1 12V reversible impact wrench, with 1/4" hexagon drive
- 2 2Ah lithium ion batteries
- 1 quick battery charger

1972/K12V-COMBO	1	019720010

310x295x100 mm - 3 kg

1972/12V-10

ultracompact drill, 12V (machine body)

- Ultracompact - no more than 170 mm in length; ultralightweight - no more than 1.1 kg, with battery, and perfectly balanced
- 10-mm metal auto-chuck
- Torque up to 30 Nm and 1300 rpm (400 rpm in 1st gear); drills diameters up to 10 mm in steel and 20 mm in wood
- Double mechanical speed with steel gears (0-400/1300 rpm)
- 20-position torque adjustment
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Front LED
- Ergonomic nonslip handle
- Belt clip (right/left side)

790 g

1972/12V-10	1	019720113

1982/12V

reversible impact wrench, 12V (machine body)

Ideal for working in small spaces, it develops high torque (80 Nm); designed for single-hand use

- ultracompact - no more than 160 mm in length; ultralightweight - no more than 1 kg, with battery, and perfectly balanced
- 1/4" hexagon drive, with locknut
- belt clip (right/left side)
- front LED
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- gear case made entirely from metal

800 g

1982/12V	1	019820113

1994BL 12V-2AH

2Ah lithium ion battery for tools, 12V

Main features
- Battery voltage: 12V
- Battery capacity: 2Ah
- Energy capacity: 24Wh
- Battery type: Li-ion

170 g

1994BL 12V-2AH	1	019940015

1994CB 12V

quick battery charger, 12V, 110V-240V

Main features:
- LED charge level indicator
- Rated input voltage: 110V-240V ~ 50/60Hz
- Output voltage: 12.6V
- Charging current: 2A
- Rated input power: 35W
- 2Ah battery charging time: 50 min

260 g

1994CB 12V	1	019940123

1972/K20V-13BMC

impact drill kit, 20V, BRUSHLESS

CE

• Digital brushless motor
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

• 3 operating modes: drilling, screwing and impact drilling
• Compact: no more than 210 mm in length
• Ergonomic nonslip handle
• Selector switch, screwing-unscrewing-locking modes (for transportation)
• Gear case made entirely from metal
• Built-in LED light for working in poor visibility conditions
• Belt clip (right/left side)
• Additional side handle for high-torque operation
• Supplied in a hard case with 2 lithium ion batteries (4 Ah) and quick charger

Main features:
• Max. torque: 80 Nm
• Impacts per minute in 1st gear 0 – 6750 (BPM)
• Impacts per minute in 2nd gear 0 – 24000 (BPM)
• 20-position torque adjustment
• 13-mm metal auto-chuck
• Double mechanical speed with steel gears (0-450/1650 rpm)
• Max. drilling diameter in wood: 55 mm
• Max. drilling diameter in metal: 13 mm
• Max. drilling diameter in masonry: 13 mm

1972/K20V-13BMC80	1	019720020
490x370x125 mm - 5,5 kg		

1972/20V-13BMC

impact drill, 20V, BRUSHLESS (machine body)

CE

• Digital BRUSHLESS motor
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

• 3 operating modes: drilling, screwing and impact drilling
• Compact: no more than 210 mm in length
• Ergonomic nonslip handle
• Selector switch, screwing-unscrewing-locking modes (for transportation)
• Gear case made entirely from metal
• Built-in LED light for working in poor visibility conditions
• Belt clip (right/left side)
• Additional side handle for high-torque operation
• Supplied in a hard case, without batteries and charger

Main features:
• Max. torque: 80 Nm
• Impacts per minute in 1st gear 0 – 6750 (BPM)
• Impacts per minute in 2nd gear 0 – 24000 (BPM)
• 20-position torque adjustment
• 13-mm metal auto-chuck
• Double mechanical speed with steel gears (0-450/1650 rpm)
• Max. drilling diameter in wood: 55 mm
• Max. drilling diameter in metal: 13 mm
• Max. drilling diameter in masonry: 13 mm

1972/20V-13BMC80	1	019720019
490x370x125 mm - 3,6 kg		

1984/K600

reversible impact wrench, 20 V, brushless, 1/2" drive - 600 Nm

• 3 different torque settings and rpms in screwing mode
• Up to 600 Nm unscrewing torque

• Digital BRUSHLESS motor
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button
• 1/2" male square drive with bush retaining ring
• Impacts per minute 0-2.300 (BPM)
• Gear case made entirely from metal
• Ergonomic nonslip handle
• Selector switch, screwing-unscrewing-locking modes (for transportation)
• Built-in LED light for working in poor visibility conditions
• Belt clip (right/left side)

Tightening
3 torque settings and rpms (low - medium - height) available):
1: 200 Nm; 1000 rpm
2: 350 Nm; 1500 rpm
3: 550 Nm; 1800 rpm

Untightening
1: 600 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
2: 600 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)

Supplied in handy hard case complete with 2 lithium ion batteries (4 Ah) and quick charger.

1984/K600	1	019840060

490x370x125 mm - 6,3 kg

1984 20V/600BMC

reversible impact wrench, 20V, BRUSHLESS, with 1/2" drive - 600 Nm (machine body)

• 3 different torque settings and rpms in screwing mode
• Up to 600 Nm unscrewing torque

• Digital BRUSHLESS motor
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button
• 1/2" male square drive with bush retaining ring
• Impacts per minute 0-2.300 (BPM)
• Gear case made entirely from metal
• Ergonomic nonslip handle
• Selector switch, screwing-unscrewing-locking modes (for transportation)
• Built-in LED light for working in poor visibility conditions
• Belt clip (right/left side)
• Supplied in a hard case, without batteries and charger

Tightening
3 torque settings and rpms (low - medium - height) available):
1: 200 Nm; 1000 rpm
2: 350 Nm; 1500 rpm
3: 550 Nm; 1800 rpm

Untightening
1: 600 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
2: 600 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)

1984 20V/600BMC	1	019840907

490x370x125 mm - 4,4 kg

1984/K1200

reversible impact wrench, 20 V, brushless, 1/2" drive - 1200 Nm

Ideal for applications requiring high torque.

- 3 different torque settings and rpms in screwing mode
- Up to 1200 Nm unscrewing torque
- Up to 1700 Nm peak torque

- Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

- 1/2" male square drive with bush retaining ring
- Impacts per minute 0-2.200 (BPM)
- Gear case made entirely from metal
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)

Tightening
3 torque settings and rpms (low - medium - height) available:
1: 350 Nm; 800 rpm
2: 600 Nm; 1400 rpm
3: 900 Nm; 1600 rpm

Untightening
1: 1200 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
2: 1200 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)

Supplied in handy hard case complete with 2 lithium ion batteries (6 Ah) and quick charger.

1984/K1200	1	019840120
490x370x125 mm - 7 kg		

1984 20V/1200BMC

reversible impact wrench, 20V, BRUSHLESS, with 1/2" drive - 1200 Nm (machine body)

Ideal for applications requiring high torque.

- 3 different torque settings and rpms in screwing mode
- Up to 1200 Nm unscrewing torque
- Up to 1700 Nm peak torque

- Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

- 1/2" male square drive with bush retaining ring.
- Impacts per minute 0-2.200 (BPM)
- Gear case made entirely from metal
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)
- Supplied in a hard case, without batteries and charger

Tightening
3 torque settings and rpms (low - medium - height) available:
1: 350 Nm; 800 rpm
2: 600 Nm; 1400 rpm
3: 900 Nm; 1600 rpm

Untightening
1: 1200 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
2: 1200 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)

1984 20V/1200BMC	1	019840911
490x370x125 mm - 4,7 kg		

1986/K20V-125

angle grinder kit, 20V, BRUSHLESS

Digital BRUSHLESS motor
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

Main features
- Protection against accidental restart
- Additional handle, can be placed on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling
- Supplied in a hard case with 2 4 Ah lithium ion batteries and a quick charger

Technical data
- Disc diameter (not included): 125/115 mm
- Free speed: 8.000 rpm
- Tool spindle thread: M14
- Tangle-free cable length: 4 m

1986/K20V-125	1	019860015
490x370x125 mm - 5,6 kg		

1986/20V-125BMC

angle grinder, 20V BRUSHLESS, (machine body)

Digital BRUSHLESS motor
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

Main features
- Protection against accidental restart
- Additional handle, can be placed on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling
- Supplied in a hard case, without batteries and charger

Technical data
- Disc diameter (not included): 125/115 mm
- Free speed: 8.000 rpm
- Tool spindle thread: M14
- Tangle-free cable length: 4 m

1986/20V-125BMC	1	019860025
490x370x125 mm - 3,8 kg		

1994B 20V-2AH

2Ah lithium ion battery for tools, 20V

Premium lithium ion technology
With button and 3 coloured LED charge level indicators

Main features
- Battery voltage: 20V
- Battery capacity: 2Ah
- Energy capacity: 40Wh
- Battery type: Li-ion

410 g

1994B 20V-2AH	1	019940022

1994B 20V-4AH

4Ah lithium ion battery for tools, 20V

Premium lithium ion technology
With button and 3 coloured LED charge level indicators

Main features
• Battery voltage: 20V
• Battery capacity: 4Ah
• Energy capacity: 80Wh
• Battery type: Li-ion

660 g

1994B 20V-4AH	1	019940044

1994B 20V-6AH

6Ah lithium ion battery for tools, 20V

Premium lithium ion technology
With button and 3 coloured LED charge level indicators

Main features
• Battery voltage: 20V
• Battery capacity: 6Ah
• Energy capacity: 120Wh
• Battery type: Li-ion

900 g

1994B 20V-6AH	1	019940066

1994C 20V

quick battery charger, 20V, 110V-240V

Main features:
• LED charge level indicator
• Rated input voltage: 110V-240V ~ 50/60Hz
• Output voltage: 20V
• Charging current: 6A
• Rated input power: 145W

20V 2Ah battery charging time: 45 min
20V 4Ah battery charging time: 90 min
20V 6Ah battery charging time: 120 min

680 g

1994C 20V	1	019940140

C9PT

technical fabric bag for battery tools

Perfect for conveniently carrying Beta's power tools

Made from super durable technical fabric
Dual top handle for a safe, balanced hold

C9PT	1	021090001

410x210x280 mm - 700 g

CORDED TOOLS

The range of corded tools comprises **angle grinders, (impact and hammer) drills, solid and fluid vacuum cleaners, heat and hot glue guns.**

In particular, Beta's angle grinders (with powers of 750W to 2400W) are proving increasingly successful based on the following construction characteristics:

- **Outstanding performance:**
  - Powerful, resin-bonded, wear-resistant, durable motor
  - Air vents providing optimal cooling, protected against dust infiltration
- **Unparalleled safety for operators:**
  - Spindle lock device for quick disc changes
  - Protection against accidental activation
  - Smooth start, for limiting large initial inrush of current on start-up
- **Unique comfort and ease of handling:**
  - Non-slip ergonomic handle for improved grip
  - Lowered head that allows working in confined spaces

Tangle-free cable no less than 4 metres in length for increased ease of movement

Additional handle that can be mounted on both sides.

1956 115-750W

angle grinder for discs Ø 115 mm

CE

Ideal for cutting, grinding and roughing jobs

Powerful motor (750 W)
Nonslip ergonomic handle for increased comfort and safety
Lowered head that allows working in confined spaces
Extremely lightweight (weighs no more than 1.8 kg)

Main features
- Protection against accidental activation
- Additional handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

1,8 kg

1956 115-750W	1	019560011

1956 125-1400W

angle grinder for discs Ø 125 mm

Ideal for cutting, grinding and roughing jobs

Powerful motor (1400 W) - Variable speed
Nonslip ergonomic handle for increased comfort and safety
Lowered head that allows working in confined spaces

Main features
• Protection against accidental activation
• Additional anti-vibration handle that can be mounted on both sides
• Tool-less disc cover (quick release)
• Spindle lock device for quick disc changes
• Lock-on/off slide switch
• Air vents protected against dust infiltration and providing optimal cooling performance
• Service wrench included

2,5 kg

1956 125-1400W	1	019560125

1956 230-2400W

angle grinder for discs Ø 230 mm

Ideal for complex shearing, grinding and filing jobs

Powerful motor (2400 W)
Nonslip ergonomic handle for increased comfort and safety

Main features
• Protection against accidental activation
• Soft-start function for a smooth start and limiting large initial inrush of current on start-up
• Additional anti-vibration handle that can be mounted on both sides
• Screw disc cover
• Spindle lock device for quick disc changes
• Lock-on/off slide switch
• Air vents protected against dust infiltration and providing optimal cooling performance
• Service wrench included

5,8 kg

1956 230-2400W	1	019560230

1966/910W

impact drill, 910W

Ideal for drilling in different materials, including wood, metal, plastic, masonry and concrete

Powerful 910W motor
Linear, compact design with ergonomic, non-slip handle

Metal auto-chuck, 13 mm
Reversible variable speed
Gear case made entirely from metal
Switch lock for improved comfort of use
Main features:
• Max. drilling diameter in wood: 32 mm
• Max. drilling diameter in metal: 13 mm
• Max. drilling diameter in masonry: 13 mm
• No-load speed: 0-2800 rpm
• Tangle-free power supply cord length: 4 m

Supplied accessories:
• Metal auto-chuck, 13 mm
• Additional side handle that can be rotated 360°
• Depth rod

1966/910W	1	019660091

420x320x120 mm - 4,3 kg

1967/800W

SDS-PLUS hammer drill, 800W

Ideal for drilling, hammering and chiselling in masonry, concrete, tiles, wood and metal

Powerful 800W motor for heavy-duty applications
Professional, lightweight and powerful
Ergonomic, compact design, for working in small/confined spaces

Main features

3 operating modes + Vario-Lock function:
• drill function
• hammer function
• chisel function
• vario-lock function: can be locked in 36 chiselling positions, to obtain an optimal work angle

• Max. drilling diameter in wood: 30 mm
• Max. drilling diameter in metal: 13 mm
• Max. drilling diameter in concrete: 26 mm

Reversible
Safety clutch
Stroke power: 3.2 J
No-load speed: 0-1350 rpm
Number of strokes: 0-5700 strokes/min
Tangle-free power supply cord length: 4 m

Supplied accessories:
• 13-mm chuck with SDS-PLUS adapter
• Additional side handle that can be rotated 360°
• Depth rod
• 3 masonry drill bits, Ø 8-10-12 mm, length 150 mm
• 1 flat chisel, 14x250 mm
• 1 point chisel, 14x250 mm

1967/800W	1	019670080

420x300x115 mm - 5,2 kg

1850D
3-speed heat gun

- Pos. I 250 l/min 50 °C
- Pos. II 250 l/min 400 °C
- Pos. III 500 l/min 550 °C

	L mm	H mm	
1850D	255	210	1 018500018

1850E
adjustable electronic heat gun

- Pos. I 250-500 l/min 50 °C
- Pos. II 250-500 l/min 50-650 °C

- digital display
- temperature and flow rate adjustment buttons
- 4 preset programmes and other customizable programmes

- Prog 1 150 °C ca. 400 l/min
- Prog 2 200 °C ca. 400 l/min
- Prog 3 300 °C ca. 450 l/min
- Prog 4 400 °C ca. 500 l/min

	L mm	H mm	
1850E	255	210	1 018500020

1851VK
hot glue gun with 12 thermofusible glue sticks in case

- power: 80 W
- for stick glue, ø 11 mm and 12 mm

1851VK	1 018510058
320x250x50 mm	

1851VK-12C
12 thermofusible glue sticks Ø 11 mm

1851VK-12C	1 018510062

1851VK-12V
12 thermofusible glue sticks for painted surfaces
Ø 11 mm

1851VK-12V	1 018510072

1870
solid and fluid vacuum cleaner, 20 l

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction power: 190 mbar
- max. drum capacity: 20 l, made of antistatic PP
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- trolley for accessories

STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle

FILTERING SYSTEMS
- 1 surface filter cartridge 1900 cm2 - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

IPX4

1870	1 018700020

1870I
solid and fluid vacuum cleaner, 20 l, stainless steel drum

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction pressure: 190 mbar
- max. drum capacity: 20 l, made of stainless steel
- acoustic emissions: <70 dB(A)
- cable length: 5 m

STANDARD ACCESSORIES Ø 36 mm
- 1 corrugated hose with ergonomic handle and vent
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- 1 paper bag

FILTERING SYSTEMS
- 1 surface air filter cartridge 1900 cm² - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

IPX4

1870I	1 018700220

1872L

solid and fluid vacuum cleaner, 35 l
"L" class certified

- two-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55 l/sec.
- max. suction power: 220 mbar
- max. drum capacity: 35 l, made of antistatic PE-HD
- acoustic emissions: <70 dB(A)
- cable length: 6 m

STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 plastic extension tubes
- 1 combined brush frame
- 1 section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS
- 1 disposable fabric bag; filtration class: "L"
- 1 filter cartridge; IFA class: "L"
- 1 anti-foam filter PPI 45/PPI 30
- 2 post-filters made of PP-laminated PET

IPX4

1872L 35 — 1 018720135

1873

solid and vacuum cleaner, 30 l,
stainless steel drum

Blowing function
Non-marking wheels

- two-stage by-pass motor • voltage: 220/240 V
- frequency: 50/60 Hz • max. power: 1100 W
- airflow rate: 55l/sec. • max. suction pressure: 220 mbar
- max. drum capacity: 30 l, made of stainless steel
- acoustic emissions: <61 dB(A)
- cable length: 6 m • trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS
- 1 filter paper bag
- 1 surface filter cartridge 1900 cm2, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

1873 30 — 1 018730030

1874

solid and fluid vacuum cleaner, 50 l,
stainless steel drum
Blowing function
Non-marking wheels

- two-stage by-pass motor • voltage: 220/240 V
- frequency: 50/60 Hz • max. power: 1350 W
- airflow rate: 55 l/sec.
- max. suction pressure: 240 mbar
- max. drum capacity: 50 l, made of stainless steel
- acoustic emissions: <63 dB(A)
- cable length: 6 m • trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS
- 1 disposable fabric bag
- 1 surface filter cartridge 5200 cm2, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

1874 50 — 1 018740050

1870-20/5S

5 horizontal paper bags for item
1870-1870I-1875LT

1870 20/5S — 1 018700021

1870-72 /FC

cartridge filter 1900 cm² 12 - µm nom.
for items 1870 - 1870I - 1873 - 1875LT

1870/FC — 1 018700026

1870-72/FL

fluid vacuum cleaning filter
for items 1870 - 1870I - 1872L - 1873 - 1874 -
1875LT

1870 72/FL — 1 018700027

1872L 35/FC

cartridge filter, "L" class,
for item 1872L

1872L 35/FC — 1 018720144

1872L 35/5S

5 disposable fabric bags, "L" class
for item 1872L- 1873

1872L 35/5S — 1 018720136

1873-30/5S

5 vertical paper bags for item 1873

1873 30/5S — 1 018730031

1874-50/5S

5 disposable fabric bags for item 1874

1874 50/5S — 1 018740051

1874-50/FC

cartridge filter 5200 cm² - 12 µm nom.
for item 1874

1874 50/FC — 1 018740056

PNEUMATIC TOOLS

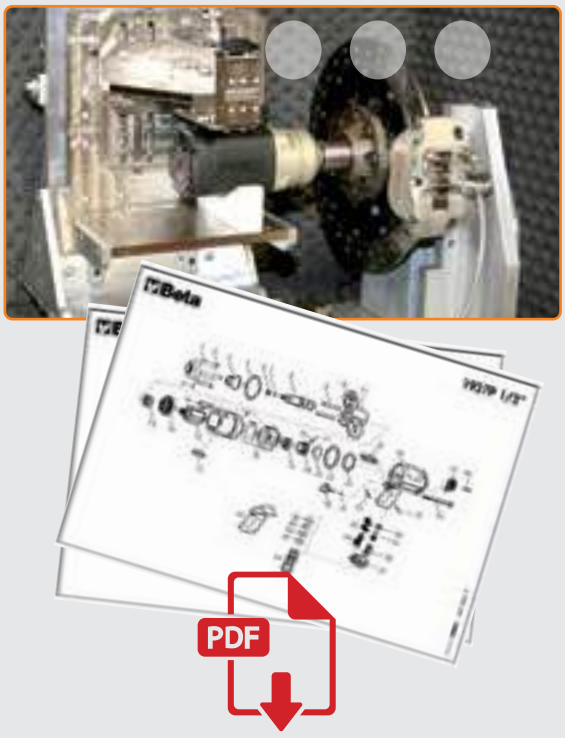
For over 20 years Beta Utensili has supplemented its products with a comprehensive range of pneumatic tools and accessories developed for the automotive and industrial maintenance markets: impact wrenches, ratchets, drills, grinders, sanders and many more items.

During this period close co-operation with professional users has been key to ongoing growth. It is on the basis of such growth that Beta's pneumatic tools can boast an excellent reliability/performance ratio.

In order to satisfy market requirements in the best possible way, Beta Utensili repairs the pneumatic tools in its Quality Department.

This process has allowed the company to improve its know-how to a significant extent and become increasingly responsive to the customer base.

Screwing and unscrewing by means of impact sockets
The impact wrench must not be used with any hand sockets



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IMPACT WRENCHES

■	BETA ITEM	N°.	MATERIAL	max. Nm	db (A) LpA	db (A) LpW	l/min.	kg	MECHANISM	m/s²
3/8"		1924F	Aluminium	**108**	93,6	104,6	59	0,5	Double hammer	6,85
3/8"		1924XM	Composite material	**515**	91,7	102,7	122	1,3	Single hammer	6,2
1/2"		1927AN	Aluminium	**244**	89,4	100,4	190	2,1	Single hammer	8,63
1/2"		1927G	Aluminium	**325**	92,2	103,2	113	1,2	Single hammer	9,96
1/2"		1927E	Composite material	**750**	87,0	98,0	140	2,4	Double hammer	2,2
1/2"		1927XM	Aluminium	**770**	102	113	122	1,3	Single hammer	7,5
1/2"		1927C	Composite material	**950**	88,2	99,2	125	2,1	Double hammer	9,6
1/2"		1927P	Composite material	**1.750**	95,1	106,1	290	2,0	Double hammer	6,7
1/2"		1927OLS	Aluminium	**1.750**	93,2	104,2	198	2,5	Double hammer	8,1
3/4"		1928XM	Aluminium	**1.600**	91,8	102,8	175	2,9	Double hammer	12,96
3/4"		1928DA	Aluminium	**1.695**	96	99,5	300	4,3	Double hammer	3,6
3/4"		1928DAL	Aluminium	**1.695**	96	99,5	300	4,8	Double hammer	3,6
3/4"		1928P	Composite material	**2.100**	96,2	107,2	221	3,7	Double hammer	7,6
1"		1930PA	Aluminium	**2.445**	96,0	97,1	410	9,6	Double hammer	7,2
1"		1930A	Aluminium	**2.445**	103,3	114,3	460	9,5	Double hammer	67
1"		1930LH	Aluminium	**2.441**	97,1	108,1	282	7,1	Double hammer	17,4
1"		1930LA	Aluminium	**2.445**	95,6	97,1	460	10,6	Double hammer	3,6
1"		1930HLA	Aluminium	**3.661**	99	101	460	16,4	Double hammer	16,4
1 1/2"		1930ZL	Aluminium	**4.068**	102,4	113,4	480	15	Double hammer	69.6

AIR IMPACT RATCHETS

■	BETA ITEM	N°	max. Nm	db (A) LpA	db (A) LpW	l/min.	kg	m/s²
1/4"		1921B1	**24**	96	85	90	0,4	2.6
1/4"		1921M1	**27**	84	88	96	0,6	1.8
1/4"		1922P1	**68**	90,6	101,6	88	0,6	8.61
3/8"		1921M2	**27**	84	88	96	0,6	1.8
3/8"		1922P2	**68**	90,6	101,6	88	0,6	8.61
1/2"		1921N3	**68**	80	87	140	1,2	2.6
1/2"		1922P3	**136**	94,9	105,9	113	1,5	18.28

GRINDERS

	BETA ITEM	N°	POWER	db (A) LpA	db (A) LpW	l/min.	kg	m/s²
		1933	**0,20 kW**	80,0	87,0	230	0,38	4,53
		1933L	**0,20 kW**	80,0	87,0	270	0,67	1,15
		1933AN90	**0,20 kW**	80,0	87,0	230	0,51	1,24
		1933I	**0,38 kW**	80,0	87,0	260	0,67	4,53
		1933IL	**0,38 kW**	79,0	97,0	113	1,4	1,6
		1933IH	**0,75 kW**	88,1	99,1	370	0,8	2,6
		1933ILH	**0,75 kW**	85,7	96,7	370	1,2	1,4
		1933AN90-H	**0,75 kW**	85,6	96,6	370	1,1	6,7
		1934MAV	**0,04 kW**	71	76	115	0,2	2,5
		1934MAV70	**0,08 kW**	80	87	115	0,2	4

1921M1
compact reversible air ratchet

• **Knob speed regulator**

1/4"

Free speed	**200 rpm**
Max. torque	27 Nm
Bolt capacity CI 8.8	**M7 ⬢ 11 mm**
Bolt capacity CI 12.9	M6 ⬢ 10 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	96 l/min

"	kg	
1/4	0,6	1 019210005

1921N3
reversible air ratchet

• **Knob speed regulator**

1/2"

Free speed	**150 rpm**
Max. torque	68 Nm
Bolt capacity CI 8.8	**M10 ⬢ 16 mm**
Bolt capacity CI 12.9	M8 ⬢ 13 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	140 l/min

"	kg	
1/2	1,2	1 019210025

1922P3
reversible air impact ratchet

• **"Double rocking dog" impulse device**

1/2"

Free speed	**600 rpm**
Max. torque	136 Nm
Bolt capacity CI 8.8	**M12 ⬢ 18 mm**
Bolt capacity CI 12.9	M10 ⬢ 16 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	113 l/min

"	kg	
1/2	1,5	1 019220013

1921B1
baby reversible air ratchet

1/4"

Free speed	**350 rpm**
Max. torque	24 Nm
Bolt capacity CI 8.8	**M7 ⬢ 11 mm**
Bolt capacity CI 12.9	M6 ⬢ 10 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	68 l/min

"	kg	
1/4	0,4	1 019210001

1922P1
reversible air impact ratchet

• **"Double rocking dog" impulse device**

1/4"

Free speed	**700 rpm**
Max. torque	68 Nm
Bolt capacity CI 8.8	**M10 ⬢ 16 mm**
Bolt capacity CI 12.9	M8 ⬢ 13 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	88 l/min

"	kg	
1/4	0,6	1 019220006

1924F
butterfly compact reversible impact wrench

• **"Double rocking dog" impulse device**

3/8"

Free speed	**12.000 rpm**
Max. torque	108 Nm
Bolt capacity CI 8.8	**M12 ⬢ 18 mm**
Bolt capacity CI 12.9	M10 ⬢ 16 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	59 l/min

"	kg	
3/8	0,5	1 019240025

1921M2
compact reversible air ratchet

• **Knob speed regulator**

3/8"

Free speed	**200 rpm**
Max. torque	27 Nm
Bolt capacity CI 8.8	**M7 ⬢ 11 mm**
Bolt capacity CI 12.9	M6 ⬢ 10 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	96 l/min

"	kg	
3/8	0,6	1 019210015

1922P2
reversible air impact ratchet

• **"Double rocking dog" impulse device**

3/8"

Free speed	**700 rpm**
Max. torque	68 Nm
Bolt capacity CI 8.8	**M10 ⬢ 16 mm**
Bolt capacity CI 12.9	M8 ⬢ 13 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	88 l/min

"	kg	
3/8	0,6	1 019220010

19270LS - OIL-LESS IMPACT WRENCH

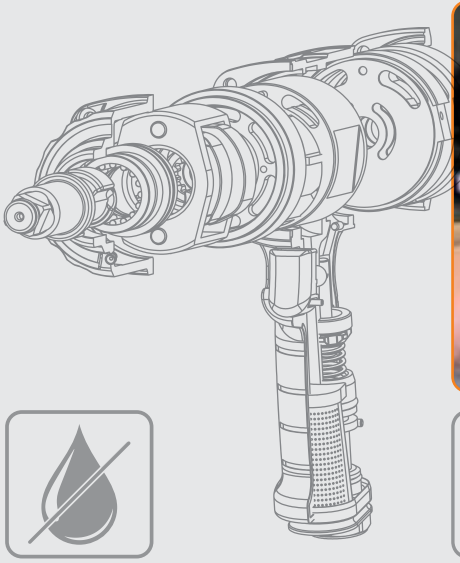
THE REVOLUTIONARY IMPACT WRENCH THAT DOES NOT REQUIRE LUBRICATION

The impact wrench, 19270LS, fully designed, developed and engineered by Beta Utensili, relies on the **OIL-LESS system**, an innovation in the pneumatic tool industry: it allows the impact wrench to operate without having to be periodically lubricated with oil, thus ensuring increased durability and high performance.

The OIL-LESS impact wrench stands out for **high torque transmission - that is, 1750 Nm** -, which makes it ideal for any application.

The painstakingly studied assembly, micrometer alignment of the interior parts and use of innovative first-rate materials result in a reduced number of failures, for **lubrication-free** lifetime use.

Based on these hallmarks, the OIL-LESS impact wrench can boast an excellent cost/benefit ratio, thus translating into savings in the long run.



4X 4 TIMES THE USEFUL LIFE OF A TRADITIONAL IMPACT WRENCH

1924XM

compact reversible impact wrench

- **Single hammer impulse device**

Free speed	**9.000 rpm**
Max. torque	515 Nm
Bolt capacity CI 8.8	**M16 ⬢ 24 mm**
Bolt capacity CI 12.9	M14 ⬢ 21 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	122 l/min

■ "	kg		
3/8	1,3	1	019240030

19270LS

OIL-LESS reversible impact wrench, body made from aluminium alloy

- **No lubrication required**
- **Double hammer impulse device**

Free speed	**8.000 rpm**
Max. torque	1.750 Nm
Bolt capacity CI 8.8	**M24 ⬢ 36 mm**
Bolt capacity CI 12.9	M20 ⬢ 30 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	198 l/min

■ "	kg		
1/2	2,5	1	019270010

1927E

reversible impact wrench, made from composite material

• **Double hammer impulse device**

Free speed	**7.000 rpm**
Max. torque	750 Nm
Bolt capacity CI 8.8	**M24 ⬢ 36 mm**
Bolt capacity CI 12.9	M20 ⬢ 30 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	197 l/min

"	kg		
1/2	2,4	1	019270005

1927P

reversible impact wrench, made from composite material

• **Double hammer impulse device**

Free speed	**7.500 rpm**
Max. torque	1.750 Nm
Bolt capacity CI 8.8	**M24 ⬢ 36 mm**
Bolt capacity CI 12.9	M20 ⬢ 30 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	290 l/min

"	kg		
1/2	2	1	019270008

1927XM

compact reversible impact wrench

• **Single hammer impulse device**

Free speed	**10.000 rpm**
Max. torque	770 Nm
Bolt capacity CI 8.8	**M22 ⬢ 34 mm**
Bolt capacity CI 12.9	M18 ⬢ 27 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	122 l/min

"	kg		
1/2	1,3	1	019270030

1927C

reversible impact wrench, made from composite material

• **Double hammer impulse device**

Free speed	**9.000 rpm**
Max. torque	950 Nm
Bolt capacity CI 8.8	**M22 ⬢ 34 mm**
Bolt capacity CI 12.9	M18 ⬢ 27 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	125 l/min

"	kg		
1/2	2,1	1	019270006

1927P/K3

reversible impact wrench, made from composite material, supplied with 3 impact sockets

• **Double hammer impulse device**

○ **720LC** 17-19-21 mm

Free speed	**7.500 rpm**
Max. torque	1.750 Nm
Bolt capacity CI 8.8	**M24 ⬢ 36 mm**
Bolt capacity CI 12.9	M20 ⬢ 30 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	290 l/min

"	kg		
1/2	4	1	019270118

350x305x86 mm

1927XM/K5

Assortment of one compact reversible impact wrench and five impact sockets

• **Single hammer impulse device**

○ **720** 17-19-21-22-24 mm

Free speed	**10.000 rpm**
Max. torque	770 Nm
Bolt capacity CI 8.8	**M22 ⬢ 34 mm**
Bolt capacity CI 12.9	M18 ⬢ 27 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	122 l/min

"	kg		
1/2	2,8	1	019270129

307x206x86 mm

1927AN
Angle reversible impact wrench

• **Single hammer impulse device**

1/2"

Free speed	**4.700 rpm**
Max. torque	244 Nm
Bolt capacity CI 8.8	**M14 ⬢ 21 mm**
Bolt capacity CI 12.9	M12 ⬢ 18 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	190 l/min

"	kg		
1/2	2,1	1	019270012

1927G
compact reversible impact wrench

• **Single hammer impulse device**

1/2"

Free speed	**8.500 rpm**
Max. torque	325 Nm
Bolt capacity CI 8.8	**M16 ⬢ 24 mm**
Bolt capacity CI 12.9	M14 ⬢ 21 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	113 l/min

"	kg		
1/2	1,2	1	019270050

1927SP-AM
magnetic support for pneumatic impact wrench

• **Fitted with two high-powered magnets with protective rubber tops**
• **Can accommodate 1 1/2" impact wrench, 4 sockets and 1 torque wrench**
• **Capacity: 10 kg**

g		
400	1	019270000

1928DA
reversible impact wrench

• **Double hammer impulse device**

3/4"

Free speed	**5.000 rpm**
Max. torque	1.695 Nm
Bolt capacity CI 8.8	**M30 ⬢ 46 mm**
Bolt capacity CI 12.9	M27 ⬢ 41 mm
Air inlet	**3/8" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	240 l/min

"	kg		
3/4	4,3	1	019280022

1928DAL
reversible impact wrench

• **Double hammer impulse device**

3/4"

Free speed	**5.000 rpm**
Max. torque	1.695 Nm
Bolt capacity CI 8.8	**M27 ⬢ 41 mm**
Bolt capacity CI 12.9	M24 ⬢ 36 mm
Air inlet	**3/8" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	240 l/min

"	kg		
3/4	4,8	1	019280023

1928K4
assortment of one reversible impact wrench and four impact sockets, long series

• **"Pin Clutch" impulse device**

3/4"

○ **728L** 27-30-32-36 mm

Free speed	**4.000 rpm**
Max. torque	1.493 Nm
Bolt capacity CI 8.8	**M27 ⬢ 41 mm**
Bolt capacity CI 12.9	M24 ⬢ 36 mm
Air inlet	**3/8" GAS BSP**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	260 l/min
Impact wrench weight	**5,2 kg**

"	kg		
3/4	9,3	1	019280104

410x330x106 mm

1928XM
compact reversible impact wrench

• **Double hammer impulse device**
• **Amazingly compact and powerful**
• **One-hand reverse button**
• **Three power adjustable screwing positions**
• **Exhaust through handle**

3/4"

Free speed	**4.800 rpm**
Max. torque	1.600 Nm
Bolt capacity CI 8.8	**M27 ⬢ 41 mm**
Bolt capacity CI 12.9	M24 ⬢ 36 mm
Air inlet	**3/8" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	175 l/min

"	kg		
3/4	2,9	1	019280030

1928P
reversible impact wrench, made from composite material

• **Double hammer impulse device**

Free speed	**5.000 rpm**
Max. torque	2.100 Nm
Bolt capacity CI 8.8	**M30 ⬢ 46 mm**
Bolt capacity CI 12.9	M27 ⬢ 41 mm
Air inlet	**3/8"**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	221 l/min

"	kg		
3/4	3,7	1	019280006

1930PA
reversible impact wrench

• **Double hammer impulse device**

Free speed	**3.500 rpm**
Max. torque	2.445 Nm
Bolt capacity CI 8.8	**M36 ⬢ 55 mm**
Bolt capacity CI 12.9	M30 ⬢ 46 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	350 l/min

"	kg		
1	9,6	1	019300032

1930A
reversible impact wrench

• **Double hammer impulse device**

Free speed	**4.000 rpm**
Max. torque	2.445 Nm
Bolt capacity CI 8.8	**M36 ⬢ 55 mm**
Bolt capacity CI 12.9	M30 ⬢ 46 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min

"	kg		
1	9,5	1	019300036

1930LH
reversible impact wrench

• **Double hammer impulse device**

Free speed	**6.000 rpm**
Max. torque	2.441 Nm
Bolt capacity CI 8.8	**M36 ⬢ 55 mm**
Bolt capacity CI 12.9	M30 ⬢ 46 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	280 l/min

"	kg		
1	7,1	1	019300030

1930LA
reversible impact wrench

• **Double hammer impulse device**

Free speed	**4.000 rpm**
Max. torque	2.445 Nm
Bolt capacity CI 8.8	**M36 ⬢ 55 mm**
Bolt capacity CI 12.9	M30 ⬢ 46 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min

"	kg		
1	10,6	1	019300037

1930HLA
reversible impact wrench

• **Double hammer impulse device**

Free speed	**3.000 rpm**
Max. torque	3.661 Nm
Bolt capacity CI 8.8	**M42 ⬢ 65 mm**
Bolt capacity CI 12.9	M33 ⬢ 50 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min

"	kg		
1	16,4	1	019300040

1931CD6
reversible drill,
made from composite material

Free speed	**2.600 rpm**
Chuck capacity	1÷6 mm
Power	**0,23 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	130 l/min

kg		
0,6	1	019310006

1931CD13
reversible drill,
made from composite material

Free speed	**800 rpm**
Chuck capacity	1÷13 mm
Power	**0,38 kW**
Spindle thread	1/2" - 20UNC
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	170 l/min

kg		
1,3	1	019310013

1930ZL
reversible impact wrench

• **Double hammer impulse device**

Free speed	**3.000 rpm**
Max. torque	4.068 Nm
Bolt capacity CI 8.8	**M42 ⬢ 65 mm**
Bolt capacity CI 12.9	M36 ⬢ 55 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	480 l/min

"	kg		
1 1/2	15	1	019300070

1931CD10
reversible drill,
made from composite material

Free speed	**1.800 rpm**
Chuck capacity	1÷10 mm
Power	**0,38 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	170 l/min

kg		
1	1	019310010

1931AN10
reversible angle drill

Free speed	**1.400 rpm**
Chuck capacity	1÷10 mm
Power	**0,38 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	150 l/min

kg		
1,1	1	019310030

1932B10
reversible drill

ø10

CE

Free speed	**1.800 rpm**
Chuck capacity	1÷10 mm
Power	**0,44 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min

kg 1,2 | 1 | 019320040

1932B13
reversible drill

ø13

CE

Free speed	**400 rpm**
Chuck capacity	1,5÷13 mm
Power	**0,34 kW**
Spindle thread	1/2" - 20UNC
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	180 l/min

kg 1,6 | 1 | 019320004

1932RS13
reversible drill

ø13

CE

Free speed	**750 rpm**
Chuck capacity	1,5÷13 mm
Power	**0,55 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min

kg 1,4 | 1 | 019320043

1933IH
high-power die grinder

• **Collect chuck, Ø 3 mm and 6 mm**

CE

Free speed	**20.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,75 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**370 l/min**

g 800 | 1 | 019330006

1933ILH
high-power long spindle die grinder

• **Collect chuck, Ø 3 mm and 6 mm**

CE

Free speed	**20.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,75 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**370 l/min**

kg 1,2 | 1 | 019330011

1933AN90-H
high-power angle grinder

• **Collect chuck, Ø 3 mm and 6 mm**

CE

Free speed	**15.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,75 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**370 l/min**

kg 1,1 | 1 | 019330021

1933
die grinder

• **Collect chuck, Ø 3 mm and 6 mm**

CE

Free speed	**25.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,2 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**230 l/min**

g 380 | 1 | 019330001

1933I
die grinder

• **Collect chuck, Ø 3 mm and 6 mm**

Free speed	**25.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,2 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**270 l/min**

g 670 | 1 | 019330005

1933L
long spindle die grinder

• **Collect chuck, Ø 3 mm and 6 mm**

Free speed	**20.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,38 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**260 l/min**

g 670 | 1 | 019330015

1933IL
long spindle die grinder

• **Collect chuck, Ø 3 mm and 6 mm**

Free speed	**20.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,38 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**113 l/min**

kg 1,4 | 1 | 019330010

1933AN90
angle grinder

• **Collect chuck, Ø 3 mm and 6 mm**

Free speed	**20.000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,2 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**230 l/min**

g 510 | 1 | 019330020

1934BV
low-speed tyre buffer

• **Collect chuck, Ø 3 mm and 6 mm**

Free speed	**3.700 rpm**
Chuck capacity	3 - 6 mm
Power	**0,37 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**113 l/min**

g 840 | 1 | 019340000

1934MAV
micro die grinder

Free speed	**56.000 rpm**
Chuck capacity	3 mm
Power	**0,04 kW**
Air inlet	1/4" GAS BSPT
Operating pressure	**6.2 bar**
Internal hose size (Ø)	4.5 mm
Mean air consumption	**115 l/min**

g 205 | 1 | 019340010

1934MAV70
high-speed micro die grinder

Free speed	**70.000 rpm**
Chuck capacity	3 mm
Power	**0,08 kW**
Air inlet	1/4" GAS BSPT
Operating pressure	**6.2 bar**
Internal hose size (Ø)	4.5 mm
Mean air consumption	**115 l/min**

g 210 | 1 | 019340030

1935F
reversible air screwdriver

Free speed	**800 rpm**
Torque range	4-16 Nm
Screw capacity	**6-9 M**
Bit holder	⬣ 1/4"
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	150 l/min

kg 1,3 — 1 019350045

1936/4A
angle grinder

Free speed	**11.000 rpm**
Grinding disc size	115 mm
Power	**0,66 kW**
Spindle thread	M14
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	390 l/min

kg 1,8 — 1 019360024

1936/5A
angle grinder

Free speed	**10.000 rpm**
Grinding disc size	125 mm
Power	**0,66 kW**
Spindle thread	M14
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	390 l/min

kg 1,9 — 1 019360025

1936/7A
angle grinder

Free speed	**7.600 rpm**
Grinding disc size	180 mm
Power	**1,3 kW**
Spindle thread	M14
Air inlet	**3/8" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	906 l/min

kg 2,7 — 1 019360027

1937
roto-orbital palm sander, lubrication free, made from composite material

- **Orbit diameter: 5 mm**

Free speed	**12.000 rpm**
Power	0,18 kW
Pad size	**150 mm**
Orbit diameter	5 mm
Spindle thread	**5/16" - 24**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**170 l/min**

kg 0,86 — 1 019370001

1937R/P
6-hole pad, Ø 150 mm, for item 1937

1937R/P — 1 019370002

1937KC
mini orbital sander

- **Orbit diameter 4 mm**
- **2 sanding pads (Ø 50 mm and Ø 75 mm)**
- **10 abrasive paper discs (Ø 50 mm), grain 400, 600, 800**
- **10 abrasive paper discs (Ø 75 mm), grain 400, 600, 800**

Free speed	**15.000 rpm**
Power	0,25 kW
Pad size	**50 - 75 mm**
Spindle thread	M6 x 1,0
Air inlet	**1/4" GAS BSPT**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	79 l/min
Weight	**0,64 kg**

kg 1,4 — 1 019370171

280x280x90 - 1,4 kg

1937C...
Abrasive paper discs for item 1937KC

Ø mm	P		
50	400	1	019370175
50	600	1	019370176
50	800	1	019370177
75	400	1	019370178
75	600	1	019370179
75	800	1	019370180

1937KL
mini polisher

- **Sanding pad (Ø 75 mm)**
- **2 polishing sponges (Ø 90 mm) - 1937/KL-DSB, 1937/KL-DSG**
- **Lambswool pad (Ø 90 mm) - 1937/KL-DLA**

Free speed	**3.200 rpm**
Power	0,25 kW
Pad size	**75 mm**
Spindle thread	M6
Air inlet	**1/4" GAS BSPT**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	91 l/min
Weight	**0,75 kg**

kg		
1,8	1	019370161

340x300x85 mm

1937KL-D
accessories for item 1937KL

	Ø mm		
1937KL-DLA	90	1	019370164
1937KL-DSB	90	1	019370165
1937KL-DSG	90	1	019370166

1937K...
Pads for items 1937KC and 1937KL

	Ø mm	1937KC		
1937KC-RP	50	•	1	019370173

1937M
multi-use sander
with 16 accessories

Free speed	**3.500 rpm**
Power	0,34 kW
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	113 l/min
Weight	**1,5 kg**

kg		
4,5	1	019370011

458x495x116 mm

1937M-01÷11
accessories for item 1937M

	L mm	1937M-		
1937M-01	30		1	019370101
1937M-02	30		1	019370102
1937M-03	11		1	019370103
1937M-04	23		1	019370104
1937M-05	11		1	019370105
1937M-06	23		1	019370106
* **1937M-07**	16		1	019370107
1937M-08	13	07	1	019370108
1937M-09	26	07	1	019370109
1937M-10	11	03, 05	1	019370110
1937M-11	23	01, 02, 04, 06	1	019370111

1937N10
pneumatic belt sander

Free speed	**20.000 rpm**
Power	0,37 kW
Belt size	**10x330**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**374 l/min**

kg		
0,9	1	019370041

1937N10-GR
sand belts for item 1937N10

	P		
1937N10-GR60	60	1	019370146
1937N10-GR80	80	1	019370148
1937N10-GR100	100	1	019370150
1937N10-GR120	120	1	019370152

1937N20
pneumatic belt sander

Free speed	**16.000 rpm**
Power	0,45 kW
Belt size	**20x520**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**400 l/min**

kg		
1,6	1	019370051

1937N20-GR
sand belts for item 1937N20

	P		
1937N20-GR60	60	1	019370156
1937N20-GR80	80	1	019370158
1937N20-GR100	100	1	019370160
1937N20-GR120	120	1	019370162

1938
windscreen remover

• **Supplied with 1 57 mm straight blade**

Oscillations/minute	**20,000**
Air inlet	1/4" GAS
Operating pressure	**6,2 bar**
Internal hose size (Ø)	6,5 mm
Mean air consumption	**200 l/min**
Weight	1,0 kg

kg		
1,0	1	019380021

1938R/L
blades for windscreen removers

	L mm		
1938R/L1	57	1	019380041
1938R/L2	90	1	019380042
1938R/L3	30	1	019380043
1938R/L4	8	1	019380044
1938R/L5	36	1	019380045

1938R/S5
set of 5 blades for item 1938

1938R/S5	1	019380055

1940
air hammer

• **Supplied with a nonreturn spring and a bayonet retainer for hexagon chisels**

Strokes per minute	**3.500**
Inlet size	⬡ 11 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	240 l/min

kg		
1,9	1	019400001

1940/C6
air hammer with 5 chisels and accessories

• **For cutting sheet metal, bolts and bodies, removing welding slags, rivets, plaster and tiles**
• **Assortment in a convenient ABS tool case, comprised of:**
1 air hammer item 1940
1 flat chisel item 1940SN
1 demolition chisel item 1940ST
1 round-tipped chisel item 1940SD
1 bevel chisel item 1940SPS
1 sheet metal cutting chisel 1940SDT
1 nonreturn spring item 1940MT
1 bayonet retainer for hexagon chisels

Strokes per minute	**3.500**
Inlet size	⬡ 11 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	240 l/min

kg		
3,3	1	019400000

320x240x90 mm

1940MT
spare retainer spring for item 1940

1940MT	5	019400110

1940S...
chisels for air hammers item 1940

1940SN	5	019400020
1940ST	5	019400021
1940SD	5	019400022
1940SPS	5	019400023
1940SDT	5	019400024

1940/S5
set of 5 chisels for air hammers item 1940

1940/S5	1	019400030

1940E10
air hammer

• **Compatible with chisels with 10-mm hexagon drive**
• **Supplied with a nonreturn spring and a bayonet retainer**

Strokes per minute	**2.900**
Inlet size	⬡ 10 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	76 l/min

kg		
1,7	1	019400010

1940E10/MT
spare retainer spring for item 1940E10

1940E10/MT	5	019400112

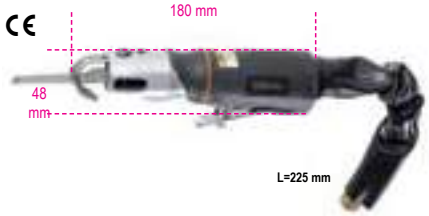
1940E10/S...
chisels for air hammers 1940E10

1940E10/SN	5	019400040
1940E10/ST	5	019400041
1940E10/SD	5	019400042
1940E10/SPS	5	019400043
1940E10/SDT	5	019400044

1940E10/S5
set of 5 chisels
for air hammers 1940E10

1940E10/S5	1	019400050

1942A
air saw



Strokes per minute	**10.000**
Stroke length	10 mm
Air inlet	**1/4" GAS BSP**
Operating pressure	6,2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	75 l/min
Weight	**550 g**

g		
550	1	019420000

1942LR
Bimetal blades
for air saw 1942A

1942LR	5	019420032

1944A
axial needle scaler

CE

Strokes per minute	**3.800**
Stroke length	33 mm
N°. of needles	**19**
Needle size (Ø)	3 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	85 l/min
Weight	**2.8 kg**

kg		
2,8	1	019440011

1944N
needle scaler

CE

Strokes per minute	**3800**
Stroke length	33 mm
N°. of needles	**19**
Needle size (Ø)	3 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	85 l/min
Weight	**2.7 kg**

kg		
2,7	1	019440002

1944AR
set of needles
for needle scalers 1944N and 1944A

	Ø mm	n.		
1944AR 2	2	29	1	019440015
1944AR 3	3	19	1	019440005

1944PA
needle plates for items 1944N and 1944A

	Ø mm	N. Aghi		
1944PA 2	2	29	1	019440016
1944PA 3	3	19	1	019440006

1945S
stapler

- **Uses staples type 80, section 0.95 x 0.65 mm (21-Gauge), length: 4 - 16 mm; width: 12.8 mm**

CE

Magazine capacity	**157 pcs**
Air inlet	1/4" GAS
Working pressure	**4,2 -7 bar**
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	**0.34 l/cycle**
Weight	0.87 kg

kg		
0,9	1	019450000

1945S/G...
staples type 80, section 0.95x0.65 mm (21-Gauge), width 12.8 mm, for item 1945S

	L mm		
• **1945S/G 4**	4	1	019450004
1945S/G 6	6	1	019450006
1945S/G 8	8	1	019450008
1945S/G 10	10	1	019450010
1945S/G 12	12	1	019450012
1945S/G 14	14	1	019450014
1945S/G 16	16	1	019450016

1945P
headless pinner

- **Uses pins type B6, Ø 0.64 mm (23-Gauge), length: 12 - 35 mm**

Magazine capacity	**145 pcs**
Air inlet	1/4" GAS
Working pressure	**4 - 7 bar**
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	**0.27 l/cycle**
Weight	0.87 kg

kg		
0,87	1	019450100

1945P/S...
pins type B6, Ø 0.64 mm (23-Gauge), for item 1945P

	L mm		
1945P/S 12	12	1	019450112
1945P/S 15	15	1	019450115
1945P/S 18	18	1	019450118
1945P/S 20	20	1	019450120
1945P/S 21	21	1	019450121
1945P/S 22	22	1	019450122
1945P/S 25	25	1	019450125
1945P/S 30	30	1	019450130
1945P/S 35	35	1	019450135

1946
air riveter

- **Supplied with interchangeable nozzles, 2.4-3.2-4.0-4.8 mm long**

Traction power	**8000 N**
Stroke length	14 mm
Maximum rivet capacity	**Ø aluminium 4,8 mm**
Working pressure	6,2 bars
Air inlet	**6,2 bar**
Internal hose size (Ø)	6 mm
Mean air consumption	**1,2 l/cycles**
Weight	1,5 kg

kg		
1,5	1	019460001

1946C4,8
riveter

- **Automatic suction**
- **Supplied assembled for use with 2.4 - 3.2 - 4.0 - 4.8 mm long steel, stainless steel, aluminium and copper rivets**

Traction power	**8,900 N**
Stroke length	15 mm
Maximum rivet capacity	**Stainless steel Ø 4.8 mm**
Air inlet	1/4" GAS
Operating pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Air consumption	**2.6 l/cycle**
Weight	1.5 kg

kg		
1,5	1	019460006

1946C7,8
riveter

- **Automatic suction**
- **Supplied assembled for use with 4.8 - 5.6 - 6.4 - 7.8 mm long steel, stainless steel, aluminium and copper rivets**

Traction power	**16,900 N**
Stroke length	22.5 mm
Maximum rivet capacity	**Stainless steel Ø 7.8 mm**
Air inlet	1/4" GAS
Operating pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Air consumption	**4.9 l/cycle**
Weight	1.8 kg

kg		
1,8	1	019460008

1946C/T...
heads for structural rivets

	Ø mm		
1946C/T4,8	4,8	1	019460016
1946C/T6,4	6,4	1	019460018

1946KF/M...
spare pins for item 1946KF

1946KF/M4	1	019460124
1946KF/M5	1	019460125
1946KF/M6	1	019460126
1946KF/M8	1	019460128

1947
bonding gun

- **Pneumatic gun for medium-density silicone, adhesives and bonds**
- **Supports standard cartridges (210 x 50 mm), hard and soft**

Tube size	**210x50 mm**
Cartridge capacity	350 ml
Air inlet	**1/4" GAS**
Working pressure	4.8 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	120 l/min
Weight	**1,1 kg**

kg		
1,1	1	019470001

1947H
bonding gun

- **Pneumatic gun for extruding silicone and bonds in standard plastic or aluminium**
- **Supports standard cartridges (215/218 x 50/51 mm), hard and soft**
- **Built-in pressure reducing valve**

Tube size	**210x50 mm**
Cartridge capacity	300/310 ml
Air inlet	**1/4" GAS**
Working pressure	4 ÷ 8 bar
Internal hose size (Ø)	**2.5 mm**
Mean air consumption	120 l/min
Weight	**750 g**

g		
750	1	019470011

1947G
grease gun

Die-cast aluminium head
Ergonomic grip for ease of access to tough greasing points
Corrosion-resistant brass valve
Takes 400 g cartridges or bulk grease up to 500 cc
Tube size: 54 (interior) x 260 mm
Air inlet: 1/4" GAS
Operating pressure: 4÷10 bar
Weight:1.9 kg

Tube size: 54 (interior) x 260 mm
Air inlet: 1/4" GAS
Operating pressure: 4÷10 bar
Weight: 1.9 kg

1947G	1	019470051

1947G2
2-in-1 grease gun

For continuous or non-continuous grease supply
Die-cast aluminium head
Ergonomic handle
Takes 400 g cartridges or bulk grease up to 500 cc

Hose size	**54 (interior) x 276 mm**
Air inlet	1/4" GAS BSP
Operating pressure	**3÷10 bar**
Weight	2,2 kg

1947G2	1	019470060

1948
engraving pen

- **Allows such materials as steel, stainless steel, aluminium, glass, stone and ceramic to be marked**

Strokes per minute	**3,500 ÷ 3,800**
Maximum hardness	60 HRC
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Mean air consumption	**50 l/min**
Weight	150 g

g		
150	1	019480001

1948PR
spare tungsten carbide bit for item 1948

- **Maximum hardness: 60 HRC**

1948PR	1	019480005

1949XS
progressive blow pen

- **Made from light alloy**
- **Air flow can be adjusted by rotating head**

Air inlet	**1/4"**
Operating pressure	3-8 bar
Maximum operating pressure	**10 bar**
Operating temperature	-20 °C ÷ 70 T38°C
Weight	**20 g**

g		
20	25	019490025

1949U5
progressive blow gun with 5 nozzles

- **Hard-wearing, shockproof composite material body**
- **3 steel nozzles, 100/160/320 mm, scratchproof, protective rubber tips**
- **1 "Turbo" nozzle made of fibreglass-reinforced nylon with safety tip**
- **1 revolving nozzle, 100 mm, made of fibreglass-reinforced nylon**
- **With quick fixing system**

Threaded brass insert	**1/4" GAS**
Working pressure	10 bar
Maximum working pressure	**15 bar**
Mean air consumption	280 l/min
Working temperature	**-10°C ÷ 85°C**
Weight	93 g

g		
93	1	019490030

1949U5/A
steel nozzle, 100 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P

1949U5/A	1	019490131

1949U5/B
steel nozzle, 160 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P

1949U5/B	1	019490132

1949U5/C
steel nozzle, 320 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P

1949U5/C	1	019490133

1949U5/D
revolving nozzle, 100 mm, made of fibreglass reinforced nylon, for item 1949U5 - 1949P

1949U5/D	1	019490134

1949U5/E
"Turbo" nozzle made of fibreglass-reinforced nylon, with safety tip

1949U5/E	1	019490135

1949U5/F
flat, fan-shaped nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P

1949U5/F	1	019490136

1949U5/G
OSHA nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P

1949U5/G	1	019490137

1949BC
progressive blow gun with rubber nozzle

- **Hard-wearing, shockproof composite material body**
- **Replaceable scratchproof rubber nozzle**

Aluminium threaded insert	**1/4" GAS**
Operating pressure	6-8 bar
Maximum operating pressure	**15 bar**
Mean air consumption	87 l/min
Operating temperature	**-20°C ÷ 70°C**
Weight	120 g

g		
120	1	019490022

1949BC/RUL
5 long nozzles with rubber tips, for item 1949BC

1949BC/RUL	1	019490123

1949P
progressive mini blow gun

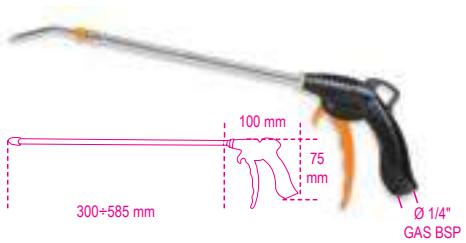
- **Hard-wearing, shockproof composite material body**
- **Quick nozzle fixing system**
- **Airflow can be adjusted through ring nut rotation**

Brass threaded insert	**1/4" GAS**
Working pressure	6÷8 bar
Maximum operating pressure	**15 bar**
Mean air consumption	280 l/min
Operating temperature	**-10 °C ÷ 85 °C**
Weight	70 g

g		
70	1	019490031

1949T
telescopic progressive blow gun

- **Hard-wearing, shockproof composite material body**
- **Telescopic steel swivel tube: 165 mm ÷ 300 mm**



Aluminium threaded insert	**1/4" GAS**
Operating pressure	6÷8 bar
Maximum operating pressure	**15 bar**
Mean air consumption	144 l/min
Operating temperature	**-20°C ÷ 70°C**
Weight	190 g

g		
190	1	019490040

1949F2
progressive blow gun

- Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material
- Special valve and lever allow circuit to be progressively opened, thus optimizing air flow
- Tip with safety plastic cone for safe handling when not in use

Brass threaded insert	**1/4" GAS**
Operating pressure	4-8 bar
Maximum operating pressure	**12 bar**
Operating temperature	-20 °C ÷ 70 °C
Weight	**125 g**

g		
125	1	019490028

1949GPA
tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0,5÷12 bar, 7÷174 psi
- pressure release feature
- pressure measurement feature
- pipe length: 58 cm
- 360° hose rotation
- 1/4" air inlet

	bar	psi		
1949GPA	0,5÷12	7÷174	1	019490018

1949DGT/2
digital tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0.5÷12 bar, 7÷174 psi
- 4 units of measurement, bar/psi/kpa/kgf
- backlit LCD display
- resolution: 0.05 bar
- self-power off after 1.5 minutes
- hose length: 58 cm
- 360° hose rotation
- power supply: 2 AAA batteries
- 1/4" air inlet

	bar	psi		
1949DGT/2	0,5÷12	7÷174	1	019490021

1949M
tyre pressure tester

	bar	psi	g		
1949M	0÷4	5÷60	280	1	019490400

1949R
blow gun
for cleaning radiators

the 5 holes that are perpendicular to the handle allow dirt to be removed from radiators

L mm			
600	6	1	019490050

1950BZK
tyre bead seater

- secondary handle with push-button operation helps keep hold of tool during use
- tank capacit6y: 18 l
- operating pressure: 3-8 bar
- tank maximum pressure: 16 bar
- pressure relief valve
- gauge with graduated scale
- plastic inlet preventing rim damage

	L mm	Ø mm		
1950BZK	440	290	1	019500078

1950BZK/T
truck tyre bead seater

Beta's tyre bead seater is fitted with a secondary handle with push-button operation, for a firmer and safer two-handed hold.

Features:
- Tank capacity: 36 l
- Operating pressure: 3-8 bar
- Maximum tank pressure: 16 bar
- Pressure relief valve
- Gauge with graduated scale
- Plastic inlet preventing rim damage

	L mm	Ø mm		
1950BZK/T	560	290	1	019500080

1950GPP

portable tyre inflator with automatic and manual charging, with inflating gun

A must-have for garages and service stations, suitable for testing and restoring tyre pressure via inflating gun with double scale (bar/psi) gauge.
Charging can be either automatic (via wall outlet) or manual (via filling valve)

Technical data:
- Tank capacity: 10 l
- Max. tank pressure: 16 bar (232 psi)
- Tank pressure gauge, Ø 50 mm: 0÷16 bar (232 psi)
- Operating pressure gauge: 0÷16 bar (232 psi)
- Inflating hose length: 1550 mm
- Empty weight: 9.3 kg

	H mm	Ø mm	bar	l		
1950GPP	700	300	0÷16	10	1	019500050

1951

cleaning gun

- **For cleaning car upholstery, carpeting, seats and boots**

Free speed	
Tank capacity	1 L
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	110 l/min
Weight	**650 g**

g		
650	1	019510051

1951A

suction cleaning gun

- **For cleaning car upholstery, carpeting, seats and boots**
- **For use with suitable detergents**
- **1L tank**
- **Fitted with a tap for dispensing liquid from tank**
- **Complete with corrugated tube, 1.8 m long**

Tank capacity	**1 l**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	8 mm
Mean air consumption	**120 l/min**
Weight	800 g

g		
800	1	019510101

1952

professional paint spray gun

- **Die-cast aluminium body plated with black chemical nickel**
- **Nylon cup with drip-catching device, 3/8M BSP thread**
- **Body thread: 1/4" BSP cylindrical gas thread**
- **Pressure and airflow regulator**
- **Jet regulator from round to fan spray pattern**
- **Paint quantity regulator**
- **Supplied with service spanner for maintenance operations**

	Ø mm		
1952 1,2	1,2	1	019520012
1952 1,5	1,5	1	019520015
1952 1,8	1,8	1	019520018
1952 2,0	2,0	1	019520020

1900S

automatic spring hose reel, shockproof plastic body, for use with air or water

- **max. operating pressure: 15 bar**
- **braided polyurethane hose**
- **polypropylene frame**
- **device for automatically fixing hose at required length**
- **rack mechanism can be disabled to keep hose pulled**
- **operating temperature range: -5 °C / +50 °C**
- **supplied with a 180° swivel bracket and an additional quick connection bracket**

	D1xD mm	L m	Ø GAS BSP		
1900S 8X10	8x12	10	1/4"	1	019000080

1900M

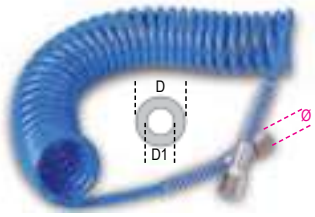
automatic spring hose reel, shockproof plastic body, for use with air or water

- **max. operating pressure: 15 bar**
- **braided polyurethane hose**
- **polypropylene frame**
- **device for automatically fixing hose at required length**
- **rack mechanism can be disabled to keep hose pulled**
- **operating temperature range: -5 °C / +50 °C**
- **supplied with a 180° swivel bracket and an additional quick connection bracket**

	D1xD mm	L m	Ø GAS BSP		
1900M 8X15	8x12	15	1/4"	1	019000085
1900M 10X15	10x14	15	3/8"	1	019000115
1900M 12X15	12x16	15	1/2"	1	019000125

1914
polyurethane recoiled hoses, 98 Shore, extandable

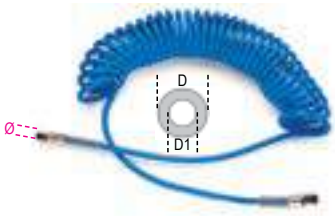
• **Maximum operating pressure: 12 bar**



L m	DxD1 mm	Ø GAS BSP		
4	5x8	1/4"	1	019140054
6	5x8	1/4"	1	019140056
10	5x8	1/4"	1	019140060

1915B
polyurethane recoil hoses, 95 Shore, extendable up to 9 m

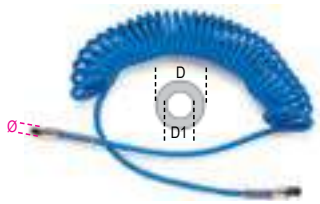
• **Maximum operating pressure: 10 bar**



D1xD mm	Ø GAS BSP		
6,5x10	1/4"	1	019150011
8x12	1/4"	1	019150012

1915C
polyurethane recoil hoses, 95 Shore, extandable up to 12 m

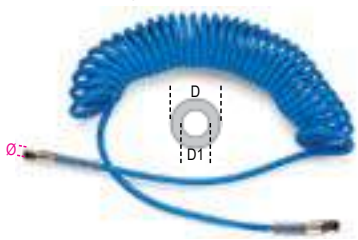
• **Maximum operating pressure: 10 bar**



D1xD mm	Ø GAS BSP		
6,5x10	1/4"	1	019150014
8x12	1/4"	1	019150015

1915C/L
polyurethane recoil hoses, 95 Shore, extendable up to 15 m

• **Maximum operating pressure: 10 bar**



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150115

1915D
braided polyurethane hose, 95 Shore, 9 metres long

• **Maximum operating pressure: 15 bar**

D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150017

1915E
braided polyurethane hose, 95 Shore, 12 metres long

• **Maximum operating pressure: 15 bar**

D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150019
11x16	3/8"	1	019150020

1915E/XL
braided polyurethane coils, 95 Shore, 50 m long

• **Maximum operating pressure: 15 bar**

D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150519
11x16	3/8"	1	019150520

1916I
quick couplings Italian profile male threaded, cylindrical (BSP)

Ø GAS BSP		
1/4"	5	019160001
3/8"	5	019160002

1916G
quick couplings European profile male threaded, tapered (BSPT)

Ø GAS BSPT		
1/4"	5	019160005
3/8"	5	019160010
1/2"	5	019160012

1916GF
quick couplings, Italian profile, female threaded, cylindrical (BSP)

Ø GAS BSP		
1/4"	5	019160055
3/8"	5	019160060

1916GFE
quick couplings, European profile, female threaded, tapered (BSPT)

Ø GAS BSPT		
1/4"	5	019160075
3/8"	5	019160082
1/2"	5	019160084

1916JM
quick couplings, Asian profile, male threaded, tapered (BSPT)

Ø GAS BSPT		
1/4"	1	019160406
3/8"	1	019160410

1916JF
quick couplings, Asian profile, female threaded, cylindrical (BSP)

Ø GAS BSPT		
1/4"	1	019160456
3/8"	1	019160460

1917M
universal ball quick couplers,
shockproof rubber,
male threaded, cylindrical (BSP)

- **Designed for couplings 1916I and 1916G**

Ø GAS BSP		
1/4"	5	019170001
3/8"	5	019170003
1/2"	5	019170004

1917F
universal ball quick couplers,
shockproof rubber,
female threaded, cylindrical (BSP)

- **Matches couplings 1916I and 1916G**

Ø GAS BSP		
1/4"	5	019170005
3/8"	5	019170010
1/2"	5	019170014

1917JM
ball quick couplers,
Asian profile,
male threaded, cylindrical (BSP)

Ø GAS BSP		
1/4"	1	019170406
3/8"	1	019170410
1/2"	1	019170412

1917JF
ball quick couplers, Asian profile,
female threaded, cylindrical (BSP)

Ø GAS BSP		
1/4"	1	019170456
3/8"	1	019170460

1917RG
rotary universal coupler

- **Made of aluminium, female threaded, cylindrical (BSP) male threaded, cylindrical (BSP)**
- **Matches all couplings with Italian and European profiles**
- **Rotates freely, even without connected area**

Ø GAS BSP		
1/4"	1	019170252

1917SP
universal ball quick couplers,
with sleeve for rubber hose

D1xD mm		
6x14	5	019170206
8x17	5	019170208
10x19	5	019170210

1918
hose tail fitting, male threaded

D1 mm	Ø GAS BSP		
8	1/4"	3	019180118
10	1/4"	3	019180120
10	3/8"	3	019180130
12	3/8"	3	019180132
10	1/2"	3	019180140
12	1/2"	3	019180142

1918N
connecting nipples
with tapered threads (BSPT)

Ø GAS	Ø1 GAS		
1/4"	1/4"	5	019180300

1918R
reducing nipples
with tapered threads (BSPT)

Ø GAS	Ø1 GAS		
1/4"	3/8"	5	019180200
3/8"	1/2"	5	019180210

1919FE1/4
filter-regulator-lubricator

Air in/outlet	**1/4" GAS BSPT**
Pressure gauge inlet	1/8" GAS BSPT
Maximum air capacity	**750 l/min**
Maximum pressure	9,5 bar
Operating pressure	**0,5 - 8,5 bar**
Operating temperature	5 - 60 °C
Filter capacity	**5 micron**
Cup capacity	15 cc air / 25 cc oil
Weight	**700 g**

g		
700	1	019190200

1919RB-FE1/4
set of spare cups for item 1919FE1/4

1919RB-FE1/4	1	019190210

1919RF-FE1/4
spare filter for item 1919FE1/4

1919RF-FE1/4	1	019190230

1919RM-FE1/4
spare pressure gauge
for item 1919FE1/4

1919RM-FE	1	019190220

1919FN1/4
filter-regulator lubricator

Air in/outlets	**1/4" GAS BSPT**
Maximum air capacity	3000 l/min
Maximum pressure	**10 bar**
Operating pressure	0.5 - 8.5 bar
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**80 cc air / 100 cc oil**
Weight	1.05 kg

kg		
1,05	1	019190251

1919RB-F1/4
cups
for filters item 1919FN - 1/4"

1919RB 1-FN 1/4	1	019190511
1919RB 2-FN 1/4	1	019190512

1919FN3/8
filter-regulator lubricator

Air in/outlets	**3/8" GAS BSPT**
Maximum air capacity	4000 l/min
Maximum pressure	**10 bar**
Operating pressure	0.5 - 8.5 bar
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**80 cc air / 100 cc oil**
Weight	1.05 kg

kg		
1,05	1	019190351

1919RB-F3/8
cups
for filters 1919FN - 3/8"

1919RB 1-FN 3/8	1	019190513
1919RB 2-FN 3/8	1	019190514

1919FN1/2
filter-regulator lubricator

Air in/outlets	**1/2" GAS BSPT**
Maximum air capacity	5000 l/min
Maximum pressure	**10 bar**
Operating pressure	0.5 - 8.5 bar
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**80 cc air / 100 cc oil**
Weight	1.05 kg

kg		
1,05	1	019190461

1919RB-F1/2
cups
for filters 1919FN - 1/2"

1919RB 1-FN 1/2	1	019190515
1919RB 2-FN 1/2	1	019190516

1919RF-FN
spare filter
for filters item 1919FN - 1/4", 3/8" and 1/2"

1919RF-FN 1/4	1	019190531
1919RF-FN 3/8	1	019190532
1919RF-FN 1/2	1	019190533

1919RM-FN
spare gauge
for filters item 1919FN - 1/4", 3/8" and 1/2"

1919RM-FN	1	019190521

1919ML
mini lubricators

Ø mm	L mm	Ø mm		
1/4"	63	36	1	019190030
3/8"	63	36	1	019190032

1919SC
mini water separator

Ø mm	L mm	Ø mm		
1/4"	80	40	1	019190035

1919L
ISO 32 lubricating oil

Density 20°C	**875 Kg/m³**
Viscosity 40°C	32 cSt
Flammability COC	**210°C**

cc		
500	5	019190050

CONTAINERS AND ASSORTMENTS

			TOOL CASES & TROLLEYS						TOOL BAGS & BOXES												TOOL TROLLEYS		
		pcs.	2009N/BV	2028/VV	2029/VV	2031/TV	2033L/VV	2036/TV - 2038/TV	C5 - C5S - C5M - C6T - C9MT	C7 - C7AT	C8 - C8A	C10	C9 - C9DA - C10S - C11 - CP15L	CP17 - CP17L	C12	C14	CP15	C18	C19 - C19L	C20	C20L	C41S	C41H	C42H
5914VU/M	Universal maintenance	109														474								
5915VU/0	Universal maintenance	35							476		476							476						
5915VU/2	Universal maintenance	49								476	476						476			476	476			
5915VU/3	Universal maintenance	74								477		477	477	477					477	477	477			
5915VU/4	Universal maintenance	80																		477	477			
5915VU/5	Universal maintenance	111													478							478	478	478
5980EL/A	Electronic	57		489		489	489																	
5980EL/B	Electronic	98			490		490	490																
5980ET/A	Electrotechnical	70		487		487									487									
5980ET/B	Electrotechnical	64			488		488	488							488									
5980ID/1	Plumbing	24	491						491															
5980MQ	Electrotechnical	46			488																			
5980U/BIKE	Bicycle and motorcycle repairs	90												481							481			
5940SBK	Bicycle and motorcycle repairs	125																				500	500	500
5941VU/M	Universal maintenance	65																					500	

FUNCTIONALITY

STURDINESS

DURABILITY

TOOL BAGS AND RUCKSACKS MADE FROM TECHNICAL FABRIC

These are the three cornerstones of Beta's range of Fabric Containers.
Beta's tool bags and rucksacks are made from sturdy technical fabric, resistant to both abrasion and wear, with reinforced bottoms and seams, translating into reliability and durability.

Each container has special characteristics, designed for different uses and space optimization: zipped pockets, telescopic handles, wheel protectors, reinforced shoulder straps and transparent document bags are but some of the peculiarities of each bag and rucksack.

Painstaking care for detail, variety and special attention to the completely safe transportation of the tools make these products ideal for every working situation.

POLYPROPYLENE TOOL CASES

Beta provides a wide range of technical cases catering to any needs!

Beta's tool cases and trolleys are made from sturdy, thick, shockproof, corrosion-resistant polypropylene designed to withstand heavy-duty use - e.g. at low temperatures.

Choose the product that best fits your working requirements from the classic tool trolley, the wheeled trolley version for easy transport, the versions fitted with TSA locks for totally free travelling and, finally, the aluminium or watertight version.

Most of Beta's tool cases and trolleys are also available in combination with tool assortments satisfying different working needs, depending on the field of application: electronics, hydraulics, boating and maintenance.

2001/BZV

tool case made from durable technical fabric

- **Double upper handle for optimal hold**
- **Large front document pocket with zip closure**
- **Velcro strap at the back, for fixing the tool case to the trolley handle**
- **20 convenient tool compartments (6 pockets and 14 elastic bands)**
- **Hammer loops**
- **Shoulder strap C9/RT can also be included (to be ordered separately)**

2001/BZV	1	020010151

380x290x60 mm - 890 g

2001/BZ24 MQ

folding tool case with assortment of 24 tools, for electricians

2001/BZ24 MQ		1	020010154

		n.
1128BMX	147 mm	1
1150MQ	180 mm	1
42	8-10-13-17-19 mm	5
1274MQ	3x100 - 4x100 - 5,5x125 mm	3
1272MQ	PH0x60 - PH1x80 - PH2x100 mm	3
96BP/SC9	1,5-2-2,5-3-4-5-6-8-10 mm	9
1253		1
1082MQ	160 mm	1

380x290x60 mm

2001/BZ27 VU

folding tool case with assortment of 27 tools, for universal use

2001/BZ27 VU 1 020010157

		n.
1128BMX	147 mm	1
1150	180 mm	1
42	7-8-10-13-17-19 mm	6
1201E	3x75 - 4x100 - 5,5x150 mm	3
1202E	PH0x60- PH1x80 - PH2x100 mm	3
96/SC9	1,5-2-2,5-3-4-5-6-8-10 mm	9
1370	300 g	1
1048N	250 mm	1
1692/5	5 m	1
1771	18 mm	1

380x290x60 mm

2002/BV6

roll-up tool wallet made of durable polyester, empty

- **With 6 convenient, differently sized tool compartments**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BV6 1 020020000

175x240 mm - 83 g

2002/BVL6

roll-up tool wallet made of durable polyester, empty

- **With 6 convenient, differently sized tool compartments**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BVL6 1 020020010

220x290 mm - 120 g

2002/BV7-ZIP

roll-up tool wallet made of durable polyester, empty

- **With 7 convenient, differently sized compartments and small tool pocket with zip closure**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BV7-ZIP 1 020020060

335x220 - 135 g

2002/BV8

roll-up tool wallet made of durable polyester, empty

- **With 8 convenient, differently sized tool compartments**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BV8 1 020020020

395x360 mm - 225 g

2002/BV9

roll-up tool wallet made of durable polyester, empty

- **With 9 convenient, differently sized tool compartments**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BV9 1 020020030

325x290 mm - 155 g

2002/BV12

roll-up tool wallet made of durable polyester, empty

- **With 12 convenient, differently sized tool compartments**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BV12 1 020020040

650x355 mm - 310 g

2002/BV13

roll-up tool wallet made of durable polyester, empty

- **With 13 convenient, differently sized tool compartments**
- **Central handle made of reinforced fabric makes it easy to carry**
- **With interior flap preventing tools from coming out**
- **Reinforcement seams throughout wallet perimeter**
- **Double Velcro closure**

2002/BV13 1 020020050

330x190 mm - 110 g

2002/BV42

roll-up tool wallet made of durable polyester, empty

- With 42 convenient, differently sized tool compartments: 18 elastic bands and 24 pockets, including one pocket with strap flap
- Central handle made of reinforced fabric makes it easy to carry
- Can be hung on wall by means of metal rings
- Reinforcement seams throughout wallet perimeter
- Sturdy closure with double clip buckle

2002/BV42	1	020020070

595x540 mm - 490 g

2005MPU

tool pouch, empty, made from nylon, with belt

- Five large tool pockets
- One front scissors pocket
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)

2005MPU	1	020050060

155x285x80 mm

2005MPU/E

tool pouch with assortment of 5 tools

2005MPU/E	1	020050065

1128BMX 147 mm
1150BM 180 mm
1201E 3,5x100 - 4x100 mm
1202E PH1x80 mm

155x285x80 mm

2005MMT

tool pouch with belt

- Large front compartment accommodating a convenient roll-up wallet with tool pockets and elastic tool bands
- Two large storage pockets, including one with strap closure
- Interior front pocket with zip closure
- Double pouch closure, with strap and buckle
- Breathable belt with stretch band and two storage pockets

2005MMT	1	020050070

250x160x100 mm - 500 g

2005PA/S

tool pouch, empty, made from nylon, with belt

2005PA/S	1	020050020

280x76x264 mm

2009N/BV

leather maintenance tool bag

Made entirely from strong leather, sides reinforced in structural aluminium.

Fitted with:
- shoulder strap
- metal buckle closure
- sturdy interior base made from galvanized sheet iron

2009N/BV	1	020090200

530x220x190 mm

2028/VV

tool case, made of polypropylene

2 tool panels
Interior bottom with removable partitions
Double combination lock

2028/VV	1	020280010

480x190x400 mm - 4,7 Kg

2029/VV

tool case, made of thick polypropylene, aluminium edged

- 2 tool panels
- Bottom with removable and adjustable partitions
- Supplied with shoulder strap
- 2 keyed locks

2029/VV	1	020290000

480x227x408 mm - 6 Kg

2029E

tool cases with assortments of tools for electronic and electrotechnical maintenance

2029 BG MQ (2029/VV+5980MQ)	1	020291257
2029ET/B (2029/VV+5980ET/B)	1	020291021
2029EL/B (2029/VV+5980EL/B)	1	020291017

2029EM

tool cases with assortments of maintenance and repair tools for hybrid and electric vehicles

2029EM	1	020290300

52MQ 7-8-9-10-11-12-13-14-15-16-17-19-22 mm
910MQ/B 6-7-10-12-13-17-19 mm
910MQ/TX TX25 - TX30 - TX40
910MQ/55
1048MQ 250 mm
1082MQ 160 mm
1128MQ 145 mm
1150MQ 180 mm
1162MQ 160 mm
1272MQ PH1 - PH2
1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125- 6,5x150 mm
1760PT/N
1777MQ/U 190 mm
7109A A1 - A2
7109D D2 - D3
1997MQ/GM Gr. 10

2031/TV

tool trolley made from thick polypropylene, aluminium profile

- **3 tool panels**
- **Telescopic handle**
- **Ball bearing castors**
- **Interior bottom with removable partitions**

2031/TV	1	020310200

475x235x385 mm - 5,2 Kg

2033L/VV

wall tool case, made from aluminium, empty

- **Highly shock resistant**
- **Nonscratch finish**
- **Ergonomic handle with rubber grip**
- **Double closure with combination**

- **2 tool panels with elastic bands**
- **Interior bottom with removable partitions**

2033L/VV	1	020330250

470x203x373 mm - 6 Kg

2033L

aluminium tool cases with assortments of tools for electronic and electrotechnical maintenance

2033LEL/A (2033L/VV+5980EL/A)	1	020331224
2033LEL/B (2033L/VV+5980EL/B)	1	020331225
2033LET/B (2033L/VV+5980ET/B)	1	020331237

2036/TV

tool trolley, made of thick polypropylene, aluminium edged

- **2 tool panels**
- **Telescopic handle**
- **Ball bearing castors**

2036/TV	1	020360000

480x267x408 mm - 7,5 Kg

2036E

trolley with assortments of tools for electronic and electrotechnical maintenance

2036TET/B (2036/TV+5980ET/B)	1	020361223
2036EL/B (2036/TV+5980EL/B)	1	020361218

2038/TV

tool trolley, made of thick polypropylene

- **Highly shock resistant**
- **Aluminium sealing profile**
- **2 TSA approved locks with keys**
- **2 removable tool panels.**
- **Telescopic handle and big ball bearing castors**
- **2 ergonomic rubber-coated handles (including 1 side handle)**
- **Capacious bottom**
- **Document pocket**
- **3 tote drawers**

2038/TV	1	020380000

430x375x525 mm - 9 Kg

2041UC

Utility Case with assortment of 33 tools

2041UC	1	020410225

55	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
96/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
111E	200 mm
1048VN	250 mm
1128BMX	147 mm
1150	180 mm
1201E	2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
1202E	PH0x60 - PH1x80 - PH2x100 mm
1370	300 g
1692	3m
1771	170 mm
1833S	70 Lumen / 140 mm
1639NS-N	25m
1696	200 mm

535x282x87 mm - 4,5 Kg

2051N

assortment of 55 tools
for nautical maintenance
with shockproof polypropylene case

2051N	1	020510235

42	7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
55	10x11 - 12x13 - 16x17 mm
96/SC9	○1,5÷10 mm
111E	200 mm
920A	◎ 10 - 12 - 13 - 14 - 17 - 19 mm
920AS	◎ 7/16 - 1/2 - 9/16 - 11/16 - 7/8"
920/22	255 mm - □1/2 - ■1/2
920/25	□1/2 - ■1/2
920/42	■1/2
920/55	■1/2
956C	□1/2 - 16 - 20,8 mm
1048BM	250 mm
1084BM	160 mm
1128BMX	147 mm
1150BM	180 mm
1166BM	160 mm
1201E	◖3x75 - 4x100 - 5,5x150 - 6,5x150 mm
1202E	✪PH1x80 - PH2x100 mm
1390	Ø 35 mm
1490/2	Ø max 240 mm
1737	145 mm
1778X	
BMN1436	3,6 x 140 mm
BMESB1925NE	25 m

585x393x92 mm - 9 kg

2055HB

"Home Bag" case with assortment of 24 tools

2055HB	1	020550215

55	6x7 - 8x9 - 10x11 - 12x13 mm
96N/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
1128BMX	147 mm
1150	180 mm
1048VN	250 mm
1201E	3x75 - 4x100 - 5,5x100 mm
1202E	PH0x60 - PH1x80 - PH2x100 mm
1370	300 g
1692	3m

373x275x70 mm - 3 Kg

2080/DS

SMALL organizer tool case, with 15 compartments and 10 removable partitions

The perfect solution for carrying smallwares, including screws, nuts, washers, rivets and dowels.

- **Sturdy transparent cover, designed to prevent material from coming out of compartments**
- **Removable partitions, to form compartments varying in size, depending on individual requirements**
- **Can be put on top, and hooked to, each other**
- **Interior dimensions: 345 x 290 mm**

2080/DS	4	020800210

375x315x65 mm - 760 g

2080/DL

LARGE organizer tool case, with 15 compartments and 8 removable partitions

The perfect solution for carrying smallwares, including screws, nuts, washers, rivets and dowels.

- **Sturdy transparent cover, designed to prevent material from coming out of compartments**
- **Removable partitions, to form compartments varying in size, depending on individual requirements**
- **Can be put on top, and hooked to, each other**
- **Interior dimensions: 410 x 300 mm**

2080/DL	3	020800211

440x330x75 mm - 970 g

2080/V17

organizer tool case with 17 removable tote trays

A must-have for accommodating and carrying smallwares tidily and accurately.

- **Sturdy cover, designed to prevent material from coming out of compartments**
- **Differently sized tote trays:**
  small: 5.1x4,6x5.9h cm
  medium: 5,1x9.9x5.9h cm
  large: 10x9.9x5.9h cm
- **Interior dimensions: 310 x 255 mm**

2080/V17	4	020800200

335x285x65 mm - 750 g

2080/V6

organizer tool case with 6 removable tote-trays and adjustable partitions

2080/V6	1	020800060

385x320x60 mm - 1,2 kg

2080/V6-U

removable tote-tray for organizer tool case 2080/V6

2080/V6-U	1	020800066

90x60x50 mm

2080/V12

organizer tool case with 12 removable tote-trays

2080/V12	1	020800000

300x145x330 mm - 1,8 kg

2080/V12-...

removable tote-tray for organizer tool case 2080/V12

2080/V12-S	3	020800013
95x75x65 mm		
2080/V12-M	2	020800015
145x75x65 mm		
2080/V12-L	1	020800020
295x75x65 mm		

C3

mini tool bag, made from technical fabric

Main features:
- 1 exterior front pocket with zip closure
- 2 side pockets with tote trays
- 1 convenient rear pocket with Velcro closure
- 1 removable interior tool panel, with elastic bands on both sides
- USB interface for charging mobile devices
- Complete with shoulder strap

C3	1	021030000

230x110x320 mm - 917 g

C5 - 2105

tool rucksack, made of technical fabric

C5	1	021050000
2105VU/0 (C5+5915VU/0)	1	021051122

400x200x500 mm - 2,8 Kg

C5M

technical fabric tool rucksack

Main features:

- Large front compartment with zip closure, complete with:
- 4 exterior rows of elastic bands for quick access to tools
- 6 interior tool pockets, for efficient technical organisation

- Two convenient side pockets with zip closure, badge holder and elastic tool bands

Rucksack interior:
- 3 rows of elastic tool bands
- 10 differently sized tool pockets

- Central padded handle on rucksack top for firm, balanced hold
- Adjustable reinforced shoulder straps
- Ergonomic padded back
- Plastic-reinforced, water-resistant base

C5M	1	021050050

370x210x510 mm - 1,9 Kg

C5S

tool rucksack, made of hard-wearing polyester

- Double handle on top centre of rucksack for firm, balanced hold
- Two large front pockets
- Two capacious interior pockets and 2 additional Velcro straps
- Handy roll-up interior bag, composed of 4 tool panels
- Adjustable reinforced shoulder straps
- Maximum carrying capacity: 15 kg

C5S	1	021050100

310x120x390 mm - 0,9 Kg

C6T - 2106

tool rucksack, made of technical fabric, with castors

C6T	1 021060010
2106T/VU0 (C6T+5915VU/0)	1 021061123

360x200x480 mm - 4,9 Kg

C7 - 2107

technical fabric tool bag

- 2 removable interior tool panels
- Interior PC pocket
- 2 exterior front pockets
- Interior bottom made of plastic, with removable partitions

C7	1 021070000
2107VU/2 (C7+5915VU/2)	1 021071112

480x165x380 mm - 4 Kg

C7AT

servicing tool bag made from technical fabric

Main features:
- made from super durable technical fabric
- reinforced base with rubber feet
- dual top handle for a safe, balanced hold
- large front document pocket with zip closure and additional compartment with dual strap + clip closure
- dual side pocket with strap closure
- capacious interior compartment with additional document pocket
- PC and tablet compartment with protective interior padding (PC size up to L=370 mm, H=250 mm - 15")
- front zipper opening on both bag sides for quick access to tools:
  - 29 compartments and 13 elastic tool bands on front side;
  - 33 tool compartments on rear side.
- supplied complete with adjustable padded shoulder strap

C7AT	1 021070010

420x200x340 mm - 2,8 Kg

C8 - 2108

technical fabric tool trolley

C8	1 021080000

470x280x380 mm - 5,5 Kg

C8A

technical fabric tool trolley

Main features:
- Semi-rigid frame
- Telescopic carrying handle for easy transportation
- 4 pivoting castors
- Double padded handle for safe, balanced hold
- Convenient semi-rigid front compartment accommodating personal belongings
- Large lower compartment with 5 tool pockets and elastic tool bands
- 33 interior tool pockets
- 6 interior rows of elastic tool bands
- 6 side rows of elastic tool bands, with sturdy metal measuring tape hook
- Plastic interior pocket with zip closure

C8A	1 021080400

455x270x480 mm - 5,9 Kg

C8B

tool trolley made from technical fabric, for electricians

- Hard frame
- Telescopic carrying handle
- 4 castors
- 1 removable interior tool panel
- Front pocket with badge holder
- Double bottom complete with tote tray
- 2 exterior side pockets
- 2 wire puller hooks
- Tilting handle for easier access to tools
- Can be padlocked (padlock not included)

C8B	1 021080300

380x250x430 mm - 4,8 Kg

C9 - 2109
technical fabric tool bag

- Hard base
- Interior and exterior tool pockets
- Exterior pocket with zip closure for enhanced safety
- Pocket with strap closure for personal belongings
- Double bottom
- Double string for levels
- Shoulder strap for easier transport

C9	1	021090000
2109VU/3 (C9+5915VU/3)	1	021091024

550x280x320 mm - 2,6 Kg

C9/RT
shoulder strap for items C7,C9,C10,C10S,C11,C12 and 2001/BZV

C9/RT	1	021090900

C9DA
tool bag with large opening

Main features:
- made from super durable technical fabric
- hard plastic base, water-resistant
- reinforced top handle for a safe hold
- dual side pocket with strap closure
- two side tool compartments with large openings, for quick access to and perfect visibility of contents
  - 22 tool pockets and additional compartment with zip closure on front side
  - 14 tool pockets and additional zipped compartment on rear side
- supplied complete with adjustable padded shoulder strap

C9DA	1	021090005

420x220x310 mm - 2,4 Kg

C9MT
maintenance tool bag

- sturdy PVC cover, waterproof
- reinforcement seams around the entire perimeter
- double clip buckle closure
- double interior handle for a safe, balanced hold
- zipped document pocket

C9MT	1	021090200

450x180x200 mm - 1,4 Kg

2109MT ID/1
maintenance tool bag with assortment of 24 plumbing tools

2109MT ID/1 (C9MT+5980ID/1)	1	021091026

111E	250 mm
332	Ø 3÷28 mm
334	Ø 3÷30 mm
342	Ø 0÷42 mm
345SB2	140 mm
376	320-410 mm
1048N	175-250 mm
1128BMX	147 mm
1150GBM	180 mm
1201E	3x75-4x100-5,5x150-8x150 mm
1202E	PH1x80-PH2x100
1370	500 g
1690F	2 m
1692/5	5 m
1696	200 mm
1719BMA...M	200 mm
1719BM/RL	200 mm
1725	

C9PT

C9PT	286

C10 - 2110
technical fabric tool box

- Hard frame
- Double bottom. Bottom can be removed for increased bag capacity
- Tilting handle for easier access to tools
- Elastic tool bands and interior and exterior pockets
- Cover
- Tool tray included in double bottom

C10	1	021100000
2110VU/3 (C10+5915VU/3)	1	021101034

520x220x250 mm - 3,3 Kg

C10S - 2110S
technical fabric tool box

- Hard frame
- Double bottom. Bottom can be removed for increased bag capacity
- Tilting handle for easier access to tools
- Elastic tool bands and interior and exterior pockets
- Cover
- Tool tray included in double bottom

C10S	1	021100001
2110SVU/3 (C10S+5915VU/3)	1	021101044

420x220x250 mm - 2,9 Kg

C11 - 2111

technical fabric tool box

C11	1	021110000
2111VU/3 (C11+5915VU/3)	1	021111034

410x230x250 mm - 1,8 Kg

C12 - 2112

technical fabric tool bag

- Removable interior tool panel
- Elastic tool bands and capacious interior and exterior pockets
- Bag opens at front for easier access to tools at workplace
- Hard, waterproof base with rubber feet
- Can be used with trolley C8

C12	1	021120000
2112ET/A (C12+5980ET/A)	1	021121028
2112ET/B (C12+5980ET/B)	1	021121029
2112VU/5 (C12+5915VU/5)	1	021121056

500x270x350 mm - 5,3 Kg

C13

tool trunk with castors, made of hard-wearing polypropylene

- Suitable for outdoor use
- Shockproof, resistant to chemical agents
- Can be padlocked (padlock not included)
- Double closure
- Two wheels for horizontal handling of tool trunk
- With interior tote tray which can be removed and locked in two positions inside
- Name plate

C13	1	021130000

806x350x467 mm - 7,2 Kg

C14

tool trolley, made of polypropylene, with 4 drawers

- Injection polypropylene frame for increased shock resistance.
- Lid-protected front accommodates 4 pull-out drawers (470x255):
1 drawer 30 mm high
2 drawers 60 mm high
1 drawer 90 mm high
- Front centralized lock allows top and front lids to be closed simultaneously.
- Two side handles
- 4 sturdy rear castors
- Removable top tray
- Tool panel built into lid
- 3 tote-trays included
- Nameplate
- Can be closed with TSA lock

C14	1	021140001
2114VU/M (C14+5914VU/M)	1	021141011

585x390x457 mm - 14,5 Kg

CP15 - 2115

tool box, made from plastic, removable tote-tray and tool trays

- 1 tool tray built into cover
- 2 removable tool trays with adjustable partitions
- 1 interior tote-tray with adjustable partitions

CP15	1	021150201
2115PVU/2 (CP15+5915VU/2)	1	021151234

445x240x250 mm - 2 Kg

CP15L - 2115

tool box, long series, made from plastic, removable tote-tray and tool trays

- 3 tool trays built into cover with adjustable partitions
- 1 interior tote-tray with adjustable partitions

CP15L	1	021150202
2115PL-VU/3 (CP15L+5915VU/3)	1	021151245

558x277x270 mm - 2,9 Kg

2115PI/BIKE-HOME

assortment of 28 tools for bike maintenance and E-bikes, in plastic box

Bicycle repairs

2115PI/BIKE-HOME		1	021150098

96BP/SC9	1,5-2-2,5-3-4-5-6-8-10 mm
3935	
42	8-9-10-13-14 -15 mm
3969K3	
1082G	160 mm
1150G	180 mm
1201E	3x75 - 5,5x150 mm
1202E	PH0x60 - PH2x100 mm
3991	
BMESB1925NE	25 m
BMN1436	3,6 x 140 mm

558x277x270 mm - 4,3 kg

2115P L-MQ32

assortment of 32 insulated tools for hybrid cars, in plastic tool box with soft thermoformed tray

2115PL-MQ32		1	021150332

920MQ/55A	
89MQ	10-12 mm
850MQ	1/4"
861TX/A10	T7 - T8 - T9 - T10 - T15 - T20 T25 - T27 - T30 - T40
920MQ/A	8-10-12-13-14-17-19 mm
920MQ/21	125mm
920MQ/22	250mm
1048MQ250	250mm
1150MQ	180mm
1164MQ160	160mm
1272MQ	4.5X80-6X100mm
1274MQ	3X100-4X100-5.5X125
1997MQ/GM	Gr. 10
CP15L	

CP17 - CP17L - 2117

tool box,
made of stainless steel and plastic,
removable tote-tray

CP17
500x200x220 mm

CP17L
575x245x265 mm

CP17		1	021170500
2117P-VU/3 (CP17+5915VU/3)		1	021171045
CP17L		1	021170502
2117PL-VU/3 (CP17L+5915VU/3)		1	021171145

C18 - 2118

tool box
made from sheet metal

C18		1	021180001

450x200x100 mm - 2,1 Kg

C19 - 2119 - C19L - 2119L

three-section cantilever tool box,
made from sheet metal

C19
450x200x160 mm

C19L
550x200x160 mm

C19		1	021190001
2119VU/3 (C19+5915VU/3)		1	021191025
C19L		1	021190002
2119L-VU/3 (C19L+5915VU/3)		1	021191125

C20 - C20L - 2120

five-section cantilever tool box,
made from sheet metal

C20
450x200x210 mm

C20L
550x200x210 mm

C20		1	021200001
2120VU/2 (C20+5915VU/2)		1	021201061
2120VU/3 (C20+5915VU/3)		1	021201063
2120VU/4 (C20+5915VU4)		1	021201064
C20L		1	021200002
2120L-VU/2 (C20L+5915VU/2)		1	021201161
2120L-VU/3 (C20L+5915VU/3)		1	021201163
2120L-VU/4 (C20L+5915VU/4)		1	021201164

C20TSS

five-section cantilever tool box, made of AISI 304 stainless steel

C20TSS	1	021203001

: 450x200x210 mm - 4 Kg

C22B

tool trunk,
made of sheet metal

C22B O
720x320x310 mm

C22BM O
850x360x350 mm

C22BL O
1010x410x400 mm

C22B-O	1	022000150
C22BM-O	1	022000160
C22BL-O	1	022000170

C22B O: 720x320x310 mm - 13 Kg
C22BM O: 850x360x350 mm - 20 Kg
C22BL O: 1.010x410x400 mm - 26 Kg

C22W

tool trunk,
made from sheet metal,
lined for enhanced tool protection

C22W-O
690x300x360 mm

C22WL-O
990x300x360 mm

C22W-O	1	022000269
C22WL-O	1	022000299

C22W O: 690x300x360 mm - 15 Kg
C22WL O: 990x300x360 mm - 28 Kg

C22P

tool trunk for building yards, made of sheet metal

- **Built-in, retractable handles**
- **Raised shoes for forklift truck handling**
- **Double burglar-proof lock closure (not included)**

C22PM O
915x540x430 mm

C22PL O
1220x720x615 mm

C22PM-O	1	022000240
C22PL-O	1	022000245

C22PM O: 915x540x430 mm - 39 Kg
C22PL O: 1.220x720x615 mm - 67 Kg

DISCOVER THE RSC PRODUCT RANGE

RSC22

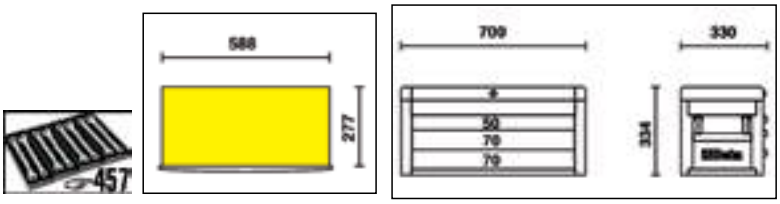
portable tool chest
with 3 drawers

Main features:
• 3 drawers (588x277 mm)
with ball bearing slides:
1 drawer, 50 mm high
2 drawers, 70 mm high.
• Front centralized lock.
• Retractable side handles for ease of handling.

h	max
50 mm	25 kg
70 mm	25 kg

19 kg

	RAL		
RSC22-O	2011 - 7016	1	022003001
RSC22-R	3000 - 7016	1	022003003
RSC22-A	7016	1	022003007



RSC23

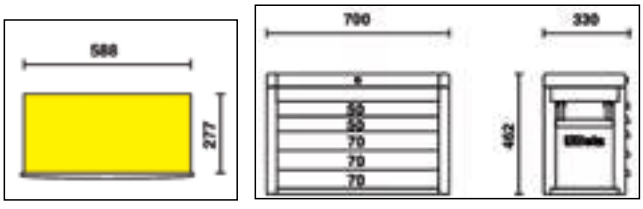
portable tool chest
with 5 drawers

Main features:
• 5 drawers (588x277 mm)
with ball bearing slides:
2 drawers, 50 mm high
3 drawers, 70 mm high.
• Front centralized lock.
• Retractable side handles for ease of handling.

26 kg

	RAL		
RSC23-O	2011 - 7016	1	023003001
RSC23-R	3000 - 7016	1	023003003
RSC23-A	7016	1	023003007

h	max
50 mm	25 kg
70 mm	25 kg



CD23S

Caddy trolley

Main features:

- ABS-coated worktop designed to match tool chests C22S, C23S, C23SC, C23ST
- Removable handle, can be stored underneath chassis.
- Four castors, Ø 100 mm: 2 fixed and 2 steering (one with brake).
- Maximum load capacity: 250 kg.

14 kg

CD23S	1	023000610

RSC23C

portable tool chest
with 8 drawers

Main features:

- 8 drawers (588x277 mm) with ball bearing slides:
4 drawers, 50 mm high
3 drawers, 70 mm high
1 drawer, 100 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

RSC23C-A

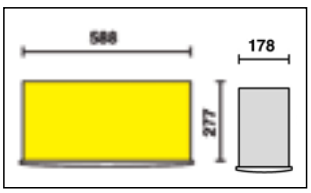
RSC23C-R

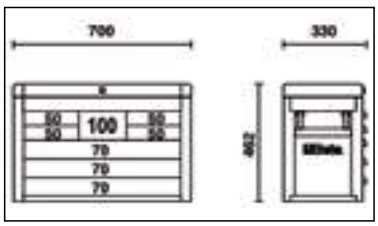
RCS23C-O

28 kg

	RAL		
RSC23C-O	**2011 - 7016**	1	023003011
RSC23C-R	**3000 - 7016**	1	023003013
RSC23C-A	**7016**	1	023003017

h	max
50 mm	25 kg
70 mm	25 kg





RSC23T

portable tool chest
with 5 drawers

Main features:

- 5 drawers (588x367 mm) with ball bearing slides:
5 drawers, 70 mm high.
- Front centralized lock.
- Can be fitted with kit of 4 castors and 1 handle (2300ST/KIT)

RSC23T-A

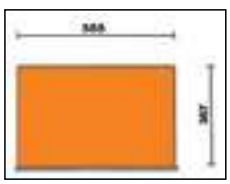
RSC23T-R

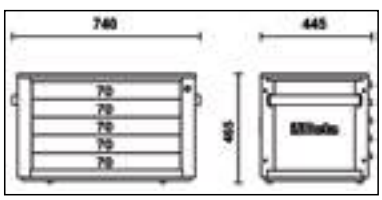
RSC23T-O

36 kg

	RAL		
RSC23T-O	**2011 - 7016**	1	023003021
RSC23T-R	**3000 - 7016**	1	023003023
RSC23T-A	**7016**	1	023003027

h	max
70 mm	25 kg





2300ST/KIT

kit with 4 castors and 1 handle for C23ST

- Four castors, Ø 125 mm:
2 fixed and 2 steering (one with brake).
- Telescopic handle

6,5 kg

2300ST/KIT	1	023000950

MOBILE ROLLER CAB RSC24

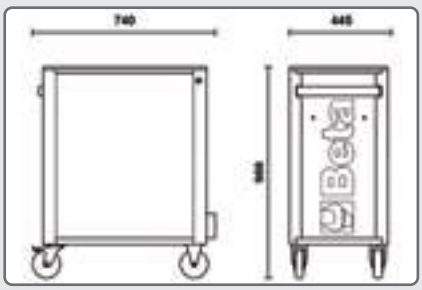
NEW WORKTOP

FIRMER AND STURDIER
MORE CONVENIENT AND FUNCTIONAL
MORE MODERN

- Drawers with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- New ABS reinforced worktop, designed to support tool chests RSC22, RSC23, RSC23C and RSC23T
- Multi-purpose top with anti-fall edges and eight holes for accommodating screwdrivers
- Front centralized safety lock
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 800 kg

Available models:

- **RSC24/5** (5 drawers)
- **RSC24/6** (6 drawers)
- **RSC24/7** (7 drawers)
- **RSC24/8** (8 drawers)



Available accessories:

2400 RSC24/PD-A

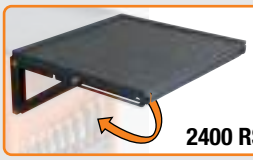
2400 RSC24/PL

2400 RSC24/SPC

2400 RSC24/PF-A

2400 RSC24/PF

2400 RSC24AXLP/VL



2400 RSC24/MP

2400 RSC24/PC-A

RSC24/7

mobile roller cab with 7 drawers

Main features:
• 7 fully removable drawers (588x367 mm), with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high

63 kg

	RAL		
RSC24/7-FO	ge	1	024004070
RSC24/7-O	2011 - 7016	1	024004071
RSC24/7-G	9006 - 7016	1	024004072
RSC24/7-R	3000 - 7016	1	024004073
RSC24/7-B	5015 - 7016	1	024004076
RSC24/7-A	7016	1	024004077
RSC24/7-N	9005	1	024004079

RSC24/7-O

RSC24/7-FO

RSC24/7-A

RSC24/7-B

RSC24/7-G

RSC24/7-N

RSC24/7-R

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

RSC24/5

mobile roller cab with 5 drawers

Main features:
• 5 fully removable drawers (588x367 mm), with ball bearing slides:
2 drawers, 70 mm high
2 drawers, 140 mm high
1 drawer, 280 mm high

60 kg

	RAL		
RSC24/5-O	2011 - 7016	1	024004051
RSC24/5-R	3000 - 7016	1	024004053
RSC24/5-A	7016	1	024004057

RSC24/5-O

RSC24/5-A

RSC24/5-R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

RSC24/6

mobile roller cab with 6 drawers

Main features:
• 6 fully removable drawers (588x367 mm), with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high

62 kg

	RAL		
RSC24/6-O	2011 - 7016	1	024004061
RSC24/6-R	3000 - 7016	1	024004063
RSC24/6-A	7016	1	024004067

RSC24/6-O

RSC24/6-A

RSC24/6-R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

RSC24/8

mobile roller cab with 8 drawers

Main features:
• 8 fully removable drawers (588x367 mm), with ball bearing slides:
6 drawers, 70 mm high
2 drawers, 140 mm high

66 kg

	RAL		
RSC24/8-O	2011 - 7016	1	024004081
RSC24/8-R	3000 - 7016	1	024004083
RSC24/8-A	7016	1	024004087

RSC24/8-O

RSC24/8-A

RSC24/8-R

h	max
70 mm	25 kg
140 mm	30 kg

RSC24A/6

mobile roller cab with 6 drawers,
with anti-tilt system

Main features:
• 6 fully removable drawers (588x367 mm), with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high

62 kg

	RAL		
RSC24A/6-O	2011 - 7016	1	024004161
RSC24A/6-R	3000 - 7016	1	024004163
RSC24A/6-A	7016	1	024004167

RSC24A/6-A

RSC24A/6-R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

RSC24A/7

mobile roller cab with 7 drawers,
with anti-tilt system

Main features:
• 7 fully removable drawers (588x367 mm), with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high.

63 kg

	RAL		
RSC24A/7-O	2011 - 7016	1	024004171
RSC24A/7-R	3000 - 7016	1	024004173
RSC24A/7-A	7016	1	024004177

RSC24A/7-A

RSC24A/7-R

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

RSC24A/8

mobile roller cab with 8 drawers,
with anti-tilt system

Main features:
• 8 fully removable drawers (588x367 mm), with ball bearing slides:
6 drawers, 70 mm high
2 drawers, 140 mm high

66 kg

	RAL		
RSC24A/8-O	2011 - 7016	1	024004181
RSC24A/8-R	3000 - 7016	1	024004183
RSC24A/8-A	7016	1	024004187

RSC24A/8-A

RSC24A/8-R

h	max
70 mm	25 kg
140 mm	30 kg

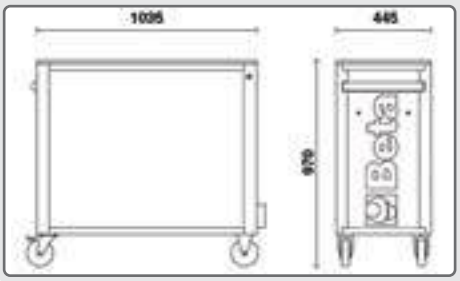
MOBILE ROLLER CAB RSC24AXL

LONG VERSION:

each drawer can accommodate up to 6 EVA foam or ABS thermoformed trays

ANTI-TILT SYSTEM: PREVENTS SEVERAL DRAWERS FROM BEING SIMULTANEOUSLY OPENED

- Drawers with ball bearing slides
- New ABS reinforced worktop with anti-fall edges, eight holes for accommodating screwdrivers and 6 tote trays.
- Sturdy nylon front, with built-in label holder
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Drawer bases protected by foamed rubber mats
- Integrated side bottle holder
- Front centralized safety lock



Available colours:

0	RAL 7016	RAL 2011
R	RAL 7016	RAL 3000
A	RAL 7016	RAL 7016

Available accessories:

RSC24AXL/7

mobile roller cab with 7 drawers,
with anti-tilt system,
long model

Main features:
• 7 fully removable drawers (882x367 mm), with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high

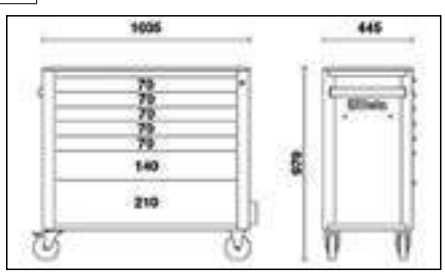
RSC24AXL/7-O

RSC24AXL/7-A

RSC24AXL/7-R

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg

84 kg



RSC24AXL/7-O	1	024004271
RSC24AXL/7-R	1	024004273
RSC24AXL/7-A	1	024004277

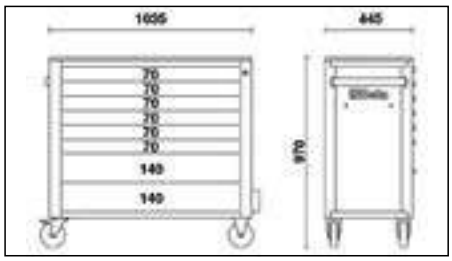
RSC24AXL/8

mobile roller cab with 8 drawers,
with anti-tilt system,
long model

Main features:
• 8 fully removable drawers (882x367 mm), with ball bearing slides:
6 drawers, 70 mm high.
2 drawers, 140 mm high.

88 kg

h	max
70 mm	30 kg
140 mm	35 kg



RSC24AXL/8-O	1	024004281
RSC24AXL/8-R	1	024004283
RSC24AXL/8-A	1	024004287

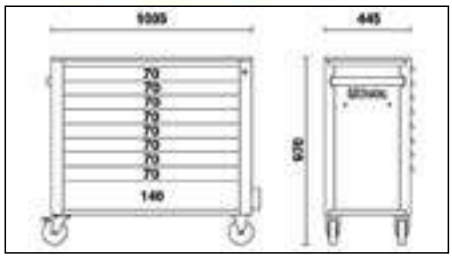
RSC24AXL/9

mobile roller cab with 9 drawers,
with anti-tilt system,
long model

Main features:
• 9 fully removable drawers (882x367 mm), with ball bearing slides:
8 drawers, 70 mm high
1 drawer, 140 mm high.

90 kg

h	max
70 mm	30 kg
140 mm	35 kg



RSC24AXL/9-O	1	024004291
RSC24AXL/9-R	1	024004293
RSC24AXL/9-A	1	024004297

RSC24AXLP/7

mobile roller cab with 7 drawers, with wood worktop and anti-tilt system, long model

Main features:
• 7 fully removable drawers (882x367 mm), with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high

• Multi-ply wood worktop with holes for a vice 1599F/100 or 1599GI/100 (to be ordered separately)
• Sturdy nylon front, with built-in label holder
• Drawer bases protected by foamed rubber mats
• 4 castors, Ø 125 mm: 2 fixed and 2 steering (one with brake)
• Front centralized safety lock
• Static load capacity: 1.100 kg
• Built-in side bottle holder (can be applied on both sides)
• Built-in paper roll holder
• Each drawer can accommodate up to 6 EVA foam or ABS thermoformed trays

1100 kg

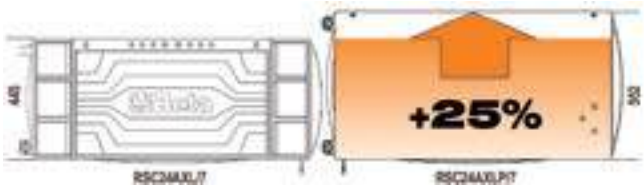
RSC24AXLP/7-O

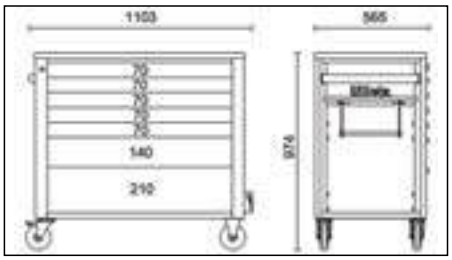
RSC24AXLP/7-A

RSC24AXLP/7-R

105 kg

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg





RSC24AXLP/7-O	1	024004571
RSC24AXLP/7-R	1	024004573
RSC24AXLP/7-A	1	024004577

2400 RSC24AXLP/PF

perforated tool panel with supports, for roller cab RSC24AXLP/7, RSC24L, RSC24L-CAB

50-hook GPS kit included

4,5 kg

2400 RSC24AXLP/PF	1	024004992

RSC24AXXL

mobile roller cab with 8 drawers and anti-tilt system, long model

Main features:
• 1 fully removable drawer (1,176x367 mm), with ball bearing slides
• 7 fully removable drawers (882x367 mm), with ball bearing slides:
6 drawers 70 mm high
1 drawer 140 mm high

• Worktop made from stainless steel coated MDF, with holes for vice item 1599F/125 or 1599GI/125 (to be ordered separately) and 6 tote trays
• Sturdy nylon fronts, with built-in label holders
• Drawer bases protected by foamed rubber mats
• Removable side compartment, with ball bearing slides, with shelf and lock
• 4 castors, Ø 150 mm: 2 fixed and 2 steering with brakes
• 3 safety locks
• Built-in paper roll holder
• Built-in bottle holder
• Static load capacity: 1,100 kg

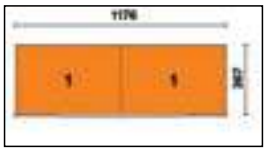
• Following trays can be added:
up to 8 EVA foam or ABS thermoformed trays in drawer 1,176x367 mm
up to 6 EVA foam or ABS thermoformed trays in drawer 882x367 mm

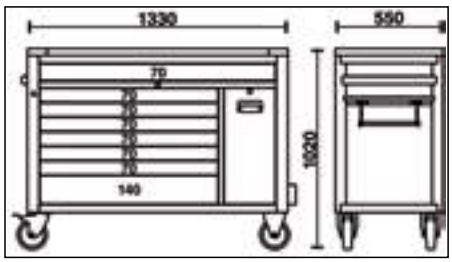
h	max
70 mm (1.176x367 mm)	40 kg
70 mm (882x367 mm)	30 kg
140 mm (882x367 mm)	35 kg

RSC24AXXL/R

RSC24AXXL/A

131 kg





RSC24AXXL-O	1	024004781
RSC24AXXL-R	1	024004783
RSC24AXXL-A	1	024004787

2400 RSC24AXXL/PF

perforated tool panel with supports, for mobile roller cab RSC24AXXL

3,8 kg

2400 RSC24AXXL/PF	1	024004998

2400 RSC24AXLP/CPR

waste bin for roller cab RSC24AXLP/7, RSC24AXXL

5 kg

2400 RSC24AXLP/CPR	1	024004993

2400 RSC24AXLP/VL

side tool tray for roller cab RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

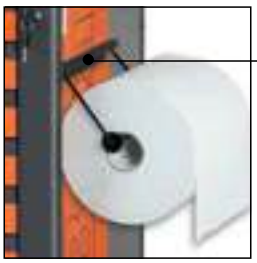
4 kg

2400 RSC24AXLP/VL	1	024004995

2400 RSC24/PC

paper roll holder for mobile roller cab RSC24, RSC24A, RSC24AXL, RSC51

0,3 kg



RAL7016

2400 RSC24/PC-A

2400 RSC24/PC-A	1	024004903

2400 RSC24/PD

document holder for mobile roller cab RSC24, RSC24A, RSC24AXL

1,2 kg

RAL7016

2400 RSC24/PD-A

2400 RSC24/PD-A	1	024004907

2400 RSC24/PF

perforated tool panel with supports, for roller cab RSC24, RSC24A, RSC51

50-hook GPS kit included

2,3 kg

2400 RSC24/PF	1	024004902

2400 RSC24/PF-

bottle holder for mobile roller cab RSC24, RSC24A, RSC24AXL

0,5 kg

RAL7016

2400S RSC24/PF-A

2400 RSC24/PF-A	1	024004905

2400 RSC24/PL

wood worktop for roller cab RSC24, RSC24A, RSC24AXL, RSC51

4,3 kg

2400 RSC24/PL	1	024004901

2400 RSC24/SPC

computer bracket for mobile roller cab RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

- With removable drawer
- Cannot be used with model RSC24AXL

3,1 kg

2400 RSC24/SPC	1	024004909

2400 RSC24/MP

folding shelf for items RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

3,4 kg

2400 RSC24/MP	1	024004900

2499PF/M

universal magnetic bottle holder

2,2 kg

2499PF/M	1	024990050

2499PC

paper roll holder

- Matches Tank trolleys C25.

2,2 kg

2499PC	1	024990090

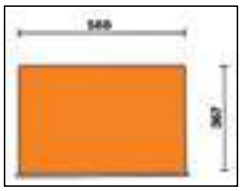
RSC24L/7

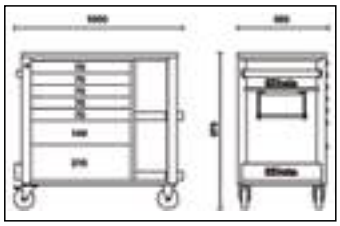
mobile roller cab
with 7 drawers
and side shelves

Main features:
• 7 drawers (588x367 mm)
with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high.
• Drawer bases protected by foamed rubber mats.
• 4 castors, Ø 125 mm:
2 fixed and 2 steering with brakes.
• Front centralized lock.
• Static load capacity: 1,100 kg.
• Multi-ply wood worktop with holes
for a vice
(1599F/100 - 1599GI/100, to be ordered separately).
• Side compartment with vertically adjustable shelf.
• Built-in paper roll holder.
• Double rear bottle holder.
• Built-in side bottle holder

80 kg

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg





	RAL		
RSC24L/7-O	2011 - 7016	1	024004371
RSC24L/7-R	3000 - 7016	1	024004373
RSC24L/7-A	7016	1	024004377

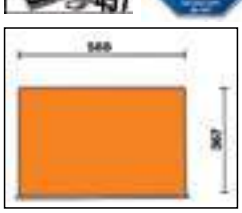
RSC24L-CAB

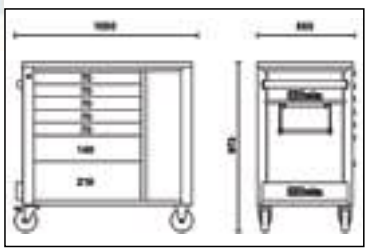
mobile roller cab
with 7 drawers
and tool cabinet

Main features:
• 7 drawers (588x367 mm)
with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high.
• Drawer bases protected by foamed rubber mats.
• 4 castors, Ø 125 mm:
2 fixed and 2 steering with brakes.
• Front centralized lock.
• Side tool cabinet with lockable door and vertically adjustable interior shelf.
• Static load capacity: 1,100 kg.
• Multi-ply wood worktop with holes
for a vice
(1599F/100, to be ordered separately).
• Built-in paper roll holder.
• Double rear bottle holder.
• Built-in side bottle holder

82 kg

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg





	RAL		
RSC24L-CAB/O	2011 - 7016	1	024004471
RSC24L-CAB/R	3000 - 7016	1	024004473
RSC24L-CAB/A	7016	1	024004477

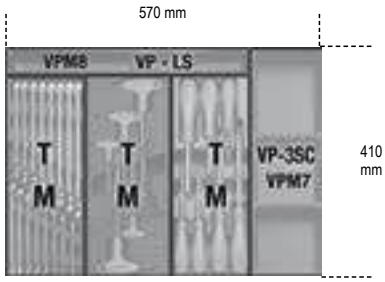
C04TSS-7

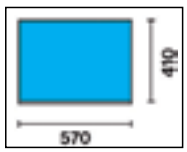
mobile roller cab with seven drawers, made entirely of stainless steel, Non-marking wheels

Main features:
• Seven drawers (570 x 410 mm) with ball bearing slides;
6 drawers, 83 mm high;
1 drawer, 170 mm high;
• 4 castors Ø 125 mm
2 fixed and 2 steering (two with brakes);
• Front centralized lock;
• Frame made entirely of stainless steel AISI 304
• Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
• Drawer handles made of aluminium

63 kg

700 kg





h	max
83 mm	25 kg
170 mm	30 kg

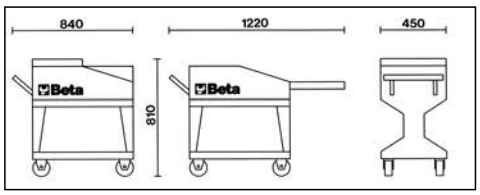
C04TSS/7	1	024003077	269

C25

Tank trolley with shelf

Main features:
• Foldaway lid.
• 1 sliding drawer.
• Tool tray protected by foamed rubber mats.
• Shelves protected by oil and fuel proof mats.
• Four castors 100 mm in ø:
2 fixed and 2 swivelling (one with brake).
• Safety lock.
• One more shelf M4 can be added on the opposite side.
• Empty thermoformed tray for 1/2" sockets and accessories (024990104).
• Paper roll holder item 2499PC
can also be included

31,5 kg



C25	1	025000001	

C27S

folding tool trolley for outdoor jobs

Folding tool trolley. Its unique patented design guarantees an effortless transport.

Features:

- 2 drawers, 588x277 mm, with ball bearing slides, for two-way opening
- Large lower object compartment, 588x277x220 mm
- Sheet metal frame
- 2 fixed castors, Ø 160 mm, and 2 steering castors with brake, Ø 100 mm
- Thermoplastic worktop with 6 built-in tool trays
- Centralized lock
- Can accommodate drawer partitions and MC foam tool trays

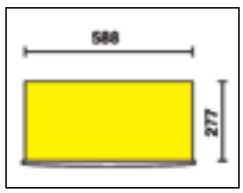
20 kg

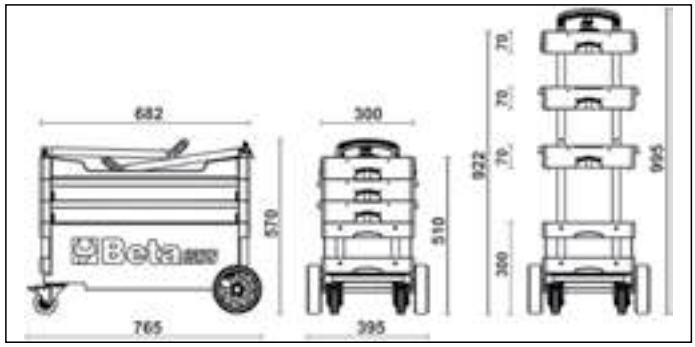
C27S-O

C27S-G

C27S-R

h	max
70 mm	20 kg





	RAL		
C27S-O	ge	1	027000201
C27S-G	7016	1	027000202
C27S-R	3000 - 7016	1	027000203

RSC28

SuperTank trolley with wood worktop
and 10 drawers

Main features:
• 10 drawers (588x367 mm) with ball bearing slides.
• Quick, safe system for opening and closing drawers, with nylon and fibreglass front.
• 5 side drawers:
4 drawers, 70 mm high
1 drawer, 210 mm high.
• 5 front drawers:
4 drawers, 70 mm high
1 drawer, 210 mm high.
• Drawer bases protected by foamed rubber mats.
• 4 high-capacity castors, Ø 150 mm:
2 fixed and 2 steering with brakes.
• 2 centralized safety locks.
• 3 front tool drawers.
• Multi-ply wood worktop with holes
for a vice
(1599F/150 - 1599GI/150, to be ordered separately).
• Built-in tool compartment.
• Side compartment with foldaway door with lock.
• Built-in bottle holders.
• 135-mm-high storage compartment with plastic-covered base.
• Static load capacity: 1,200 kg.

130 kg

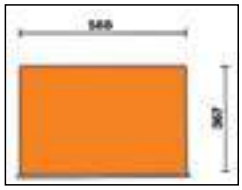
1200 kg

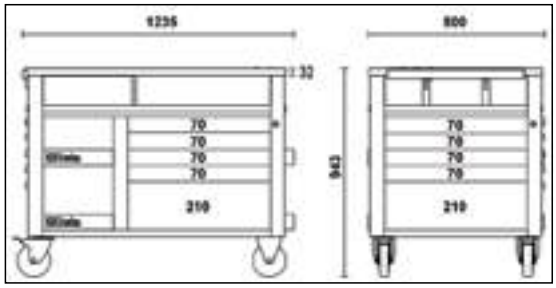
RSC28-O

RSC28-A

RSC28-R

h	max
70 mm	25 kg
210 mm	30 kg





	RAL		
RSC28-O	2011 - 7016	1	028003001
RSC28-R	3000 - 7016	1	028003003
RSC28-A	7016	1	028003007

C30M

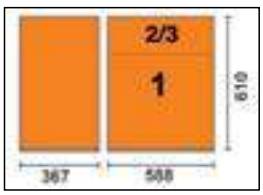
MaxiTank mobile workbench

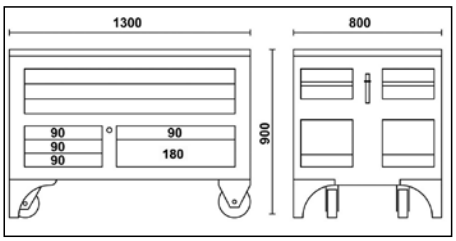
Main features:
• 5 front drawers with ball bearing slides:
3 drawers (367x610 mm), 90 mm high
1 drawer (588x610 mm), 90 mm high
1 drawer (588x610 mm), 180 mm high.
• Quick opening system with aluminium front.
• Drawer bases protected by foamed rubber mats.
• Can be fitted with thermoformed trays.
• One hydraulic jack, designed to lift front part effortlessly, thus allowing easy transportation.
• 4 high-capacity castors:
2 steering, front, Ø 150 mm
2 fixed, rear, Ø 170 mm.
• Oil-proof, rubber-coated worktop,
1300x800 mm, with drain hole
for fluid collection in a small tank.
• Storage compartment, 720x250x1300 mm,
with PVC-coated worktop
and front sliding panels.
• Centralized lock for drawers and panels.
• 3 built-in side bottle holders.
• Built-in paper roll holder
• Static load capacity: 1,800 kg.
• Can accommodate vice 1599F/150 or 1599GI/150(to be ordered separately).

1800 kg

200 kg

h	max
90 mm	30 kg
180 mm	35 kg





C30M		1	030000300

INDUSTRIAL TOOL CHEST C35, 36x27 Eh

FUNCTIONAL AND STURDY

- Pull-out drawers
- Front centralized safety lock
- Can accommodate a worktop and drawer partitions, to be ordered separately
- Static load capacity: 1200 kg

Available models:
- **C35/6GM** (6 drawers)
- **C35/7GM** (7 drawers)
- **C35/8GM** (8 drawers)
- **C35/9GM** (9 drawers)

Available accessories:

3500/P-M

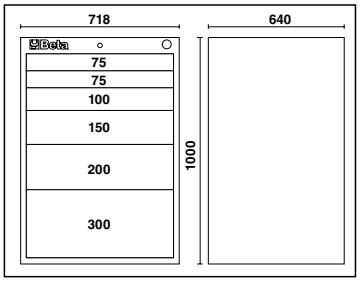
C35/6GM

industrial tool chest with 6 drawers

Main features:
• 6 pull-out drawers (600x447 mm):
2 drawers, 75 mm high
1 drawer, 100 mm high
1 drawer, 150 mm high
1 drawer, 200 mm high
1 drawer, 300 mm high
• Front centralized safety lock.
• Can accommodate a worktop and drawer partitions, to be ordered separately

75 kg

h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg
300 mm	70 kg



C35/6GM	1	035000162	

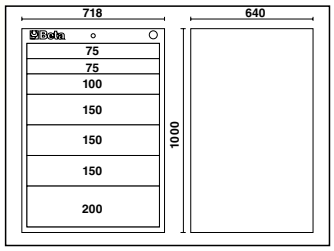
C35/7GM

industrial tool chest with 7 drawers

Main features:
• 7 pull-out drawers (600x447 mm):
2 drawers, 75 mm high
1 drawer, 100 mm high
3 drawers, 150 mm high
1 drawer, 200 mm high
• Front centralized safety lock.
• Can accommodate a worktop and drawer partitions, to be ordered separately

82 kg

h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



C35/7GM		1	035000172

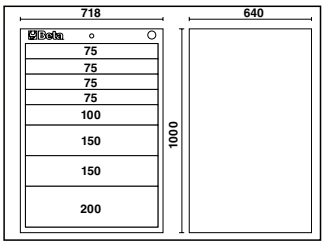
C35/8GM

industrial tool chest with 8 drawers

Main features:
• 8 pull-out drawers (600x447 mm):
4 drawers, 75 mm high
1 drawer, 100 mm high
2 drawers, 150 mm high
1 drawer, 200 mm high
• Front centralized safety lock.
• Can accommodate a worktop and drawer partitions, to be ordered separately

86 kg

h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



C35/8GM		1	035000182

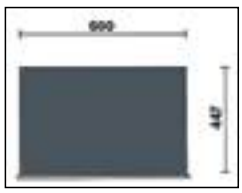
C35/9GM

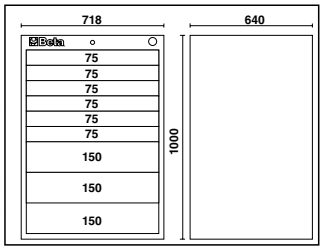
industrial tool chest with 9 drawers

Main features:
• 9 pull-out drawers (600x447 mm):
6 drawers, 75 mm high
3 drawers, 150 mm high
• Front centralized safety lock.
• Can accommodate a worktop and drawer partitions, to be ordered separately

91 kg

h	max
75 mm	70 kg
150 mm	70 kg





C35/9GM		1	035000192

3500/P-M

worktop with perimeter edge for tool chest C35

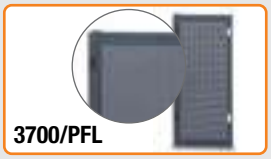
3500/P-M	700x600 mm	1	035000505

MOBILE ROLLER CAB C37

SOFT BUMPERS

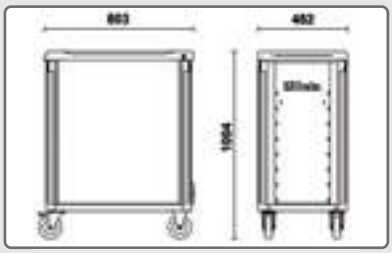
- Drawers with ball bearing slides
- Sturdy multi-purpose worktop
- Quick release system made of aluminium, opening throughout length of drawer
- Tote-trays and holes for accommodating screwdrivers
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Built-in side bottle and paper holders, adjustable in several positions

Available accessories:



Available models:

- **C37/6** (6 drawers)
- **C37/7** (7 drawers)
- **C37/8** (8 drawers)
- **C37A/7** (7 drawers with anti-tilt system)



Available colours:

O	RAL 2011
G	RAL 7016
R	RAL 3000

C37/7

mobile roller cab
with 7 drawers

Main features:
• 7 drawers (588x367 mm) with ball bearing slides:
5 drawers 75 mm high
1 drawer 150 mm high
1 drawer 225 mm high

71 kg

C37/7-O

C37/7-G

C37/7-R

C37/7-O	1	037000071
C37/7-G	1	037000072
C37/7-R	1	037000073

h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg

C37/6

mobile roller cab
with 6 drawers

Main features:
• 6 drawers (588x367 mm) with ball bearing slides:
4 drawers 75 mm high
1 drawer 150 mm high
1 drawer 305 mm high

69 kg

C37/6-O	1	037000061
C37/6-G	1	037000062
C37/6-R	1	037000063

C37/6-O

C37/6-G

C37/6-R

h	max
75 mm	30 kg
150 mm	35 kg
305 mm	40 kg

C37/8

mobile roller cab
with 8 drawers

Main features:
• 8 drawers (588x367 mm) with ball bearing slides:
6 drawers 75 mm high
2 drawers 150 mm high

73 kg

C37/8-O	1	037000081
C37/8-G	1	037000082
C37/8-R	1	037000083

C37/8-O

C37/8-G

C37/8-R

h	max
75 mm	30 kg
150 mm	35 kg

C37A/7

mobile roller cab
with 7 drawers, with anti-tilt system

Main features:
• 7 drawers (588x367 mm), with ball bearing slides:
5 drawers 75 mm high
1 drawer 150 mm high
1 drawer 225 mm high

71 kg

C37A/7-O	1	037000271
C37A/7-G	1	037000272
C37A/7-R	1	037000273

C37A/7-O

C37A/7-G

C37A/7-R

h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg

3700/PLA

stainless steel worktop for mobile roller cab item C37, C37A

2,8 kg

672x396x1,5 mm

3700/PLA	1	037000100

3700/PLL

wood worktop for tool trolley C37, C37A

Can accommodate a vice (1599P/100, to be ordered separately)

3,9 kg

672x396x28 mm

3700/PLL	1	037000101

3700/PF

perforated panel with brackets for mobile roller cab item C37, C37A

50-hook GPS kit included

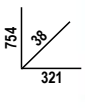
3,2 kg

3700/PF	1	037000102

3700/PFL

perforated side panel for mobile roller cab item C37, C37A

1,9 kg



3700/PFL	1	037000104

3700/PC

computer bracket for mobile roller cab item C37, C37A

3,1 kg

3700/PC	1	037000103

MOBILE ROLLER CAB C39

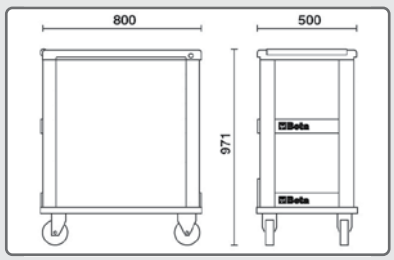
UPRIGHTS AND DRAWER FRONT MADE OF ALUMINIUM ALLOY

+ STURDINESS

+ LIGHTWEIGHTNESS

- Drawers with ball bearing slides
- Thermoplastic worktop, designed to support portable tool chest C39T
- Quick release system made of aluminium, opening throughout length of drawer
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1200 kg
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Tote-trays and holes for accommodating screwdrivers
- Integrated side and rear bottle holders
- Integrated paper roll holder

Available models:
- **C39/6** (6 drawers)
- **C39/7** (7 drawers)
- **C39/8** (8 drawers)



Available colours:

O	RAL 2011
G	RAL 7016
R	RAL 3000

C39/7

roller cab
with seven drawers

Main features:
• Seven drawers (588x367 mm) with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high.

C39-7/O

C39-7/G

C39-7/R

61 kg

C39-7/O	1	039000001
C39-7/G	1	039000002
C39-7/R	1	039000003

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg

C39/6

mobile roller cab with six drawers

Main features:
• Six drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high

59 kg

C39-6/O	1	039000031
C39-6/G	1	039000032
C39-6/R	1	039000033

C39-6/O

C39-6/G

C39-6/R

h	max
70 mm	30 kg
140 mm	35 kg
280 mm	40 kg

C39/8

mobile roller cab with eight drawers

Main features:
• Eight drawers (588x367 mm) with ball bearing slides:
6 drawers, 70 mm high
2 drawers, 140 mm high

64 kg

C39-8/O	1	039000041
C39-8/G	1	039000042
C39-8/R	1	039000043

C39-8/O

C39-8/G

C39-8/R

h	max
70 mm	30 kg
140 mm	35 kg

C39T

portable tool chest
with four drawers

Main features:
• Four drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
• Front centralized safety lock.
• Uprights and drawer front made of aluminium.

29 kg

C39T-O	1	039000101
C39T-G	1	039000102
C39T-R	1	039000103

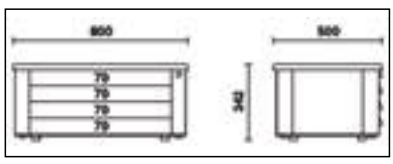
C39T-O

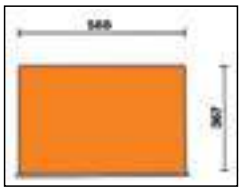
C39T-R

C39T-G

29 kg

h	max
70 mm	30 kg





2400-COVER RSC24

nylon cover for mobile roller cabs RSC24/RSC24A - C39

2400-COVER RSC24	1	024000910

2400-COVER RSC24AXL

nylon cover for mobile roller cabs RSC24AXL, RSC24L, RSC24L-CAB

2400-COVER RSC24AXL	1	024000930

C39SM

special mobile roller cab, Racing SM type

Specifications
• Multi-ply wood worktop
• 4 castors, Ø 125 mm
2 fixed and 2 steering (one with brake), with exposed covering
• Static load capacity: 1200 kg

7-drawer module
588x367 mm, with ball bearing slides:
6 drawers, 70 mm high
1 drawer, 240 mm high
• Drawer bases protected by foamed rubber mats
• Front centralized safety lock
• Opening system throughout length of drawer
• Drawer front made of aluminium

Service module
• Integrated wastepaper basket
• Paper roll compartment
• 1 large drawer (420x305x270 mm)

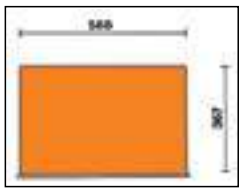
125 kg

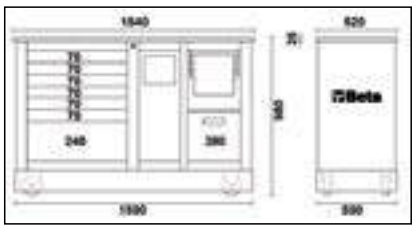
C39SM-G

C39SM-R

C39SM-O

h	max
70 mm	30 kg
240 mm	40 kg





	RAL		
C39SM-O	ge	1	039390001
C39SM-G	7016	1	039390002
C39SM-R	3000 - 7016	1	039390003

C39MD

special mobile roller cab, Racing MD type

Specifications
• Multi-ply wood worktop
• 4 castors, Ø 125 mm
2 fixed and 2 steering (one with brake), with exposed covering
• Static load capacity: 1200 kg

7-drawer module
588x367 mm, with ball bearing slides:
6 drawers, 70 mm high
1 drawer, 240 mm high
• Drawer bases protected by foamed rubber mats
• Front centralized safety lock
• Opening system throughout length of drawer
• Drawer front made of aluminium

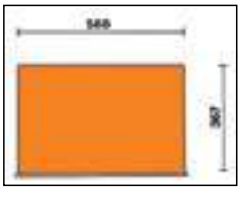
2-drawer module
588x367x270 mm and 588x367x380 mm, with ball bearing slides
• Drawer bases protected by foamed rubber mats
• Front centralized lock
• Opening system throughout length of drawers
• Drawer front made of aluminium

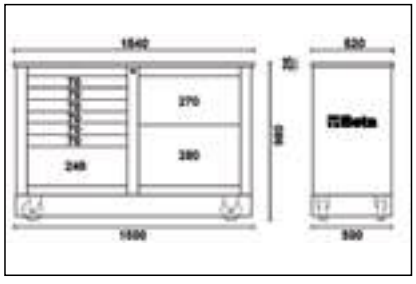
123 kg

C39MD-G

C39MD-O

h	max
70 mm	30 kg
240 mm	40 kg



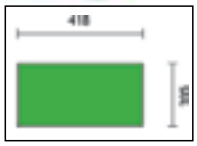


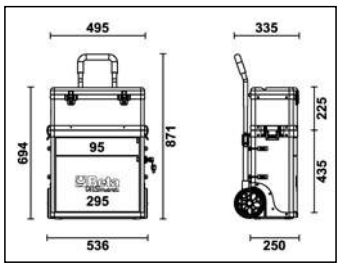
	RAL		
C39MD-O	ge	1	039390101
C39MD-G	7016	1	039390102

C41S
two-module tool trolley

Main features:
• Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
• 2 detachable modules:
1 upper tool box,
1 module with 2 drawers, 95 mm and 295 mm high respectively.
• Oversized castors (160 mm),
built into frame for easy transport - for example, on steps.
• Side centralized lock
for closing drawers of lower module.
• Drawers with ball bearing slides and double closing hook.
• Telescopic aluminium handle.
• Small tool holder built into upper tool box.
• Lower drawer with double ballbearing slide

Recommended assortments: 5940/SBK and 5915VU/5





16 kg

C41S	1	041000001

C41H
two-module tool trolley

Main features:
• Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
• 2 detachable modules:
1 upper tool box,
1 module with 2 drawers 95 mm in height,
1 pull-out case made of plastic, 66 mm high, and 1 drawer 295 mm in height.
• Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
• Side centralized lock for closing drawers of lower module.
• Drawers with ball bearing slides and double closing hook.
• Telescopic aluminium handle.
• Small tool holder built into upper tool box.
• Lower drawer with double ballbearing slide

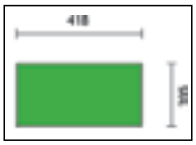
• Recommended assortments: 5940/SBK, 5941VU/M and 5915VU/5
* Colours available on request

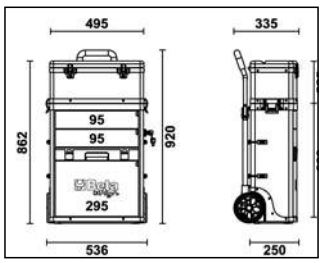
C41H-O

C41H-W C41H-Y C41H-R C41H-B C41H-G C41H-N

21 kg

C41H-O	RAL 2011	1	041000002
C41H-N	RAL 9005	1	041000005
C41H-B	RAL 5002	1	041000006
C41H-R	RAL 3000	1	041000008
C41H-G	RAL 7016	1	041000010
C41H-Y	RAL 1023	1	041000012
C41H-W	RAL 9016	1	041000021





C42H

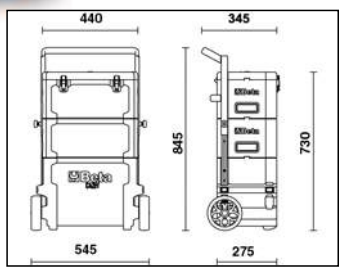
three-module tool trolley

Main features:

• Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
• 3 detachable modules:
1 upper tool box, 220 mm high
1 central tool module, 180 mm high.
1 lower tool module with castors, 330 mm high.
• Oversized castors (ø 160 mm).
• Telescopic handle, can be adjusted in 3 positions
• Quick module release system: easy, quick access to all tool compartments.
• Upper tool box with interior object compartment and 3 tool trays built into cover.
• Can be used with 2 modules.

Recommended assortments: 5940/SBK and 5915VU/5

14 kg



C42H	1	042000002

CX49-G

multi-purpose trolley

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

Specifications:
- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 2 central shelves with adjustable position and 1 fixed low shelf
- 4 useful side cable reels made of plastic - 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with brake)
- Weight: 40 kg

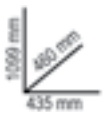
CX49-G	1	049000102	

CA49-G

multi-purpose trolley with door

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

Specifications:
- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 1 shelf with adjustable position, 1 fixed shelf and door
- 4 useful side cable reels made of plastic
- 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with frame)
- Weight: 42 kg



CA49-G	1	049000112	

4900-COVER C49

nylon cover for multi-purpose tool trolley item C49

4900-COVER C49	1	049000930	

C48M

electric platform cart, with panels

Compact dimensions and versatile use make the C48M platform cart the ideal solution for handling heavy loads (boxes, containers, bulky objects, parts of equipment) in the power-assisted mode in complete safety, including in hardly accessible areas and in work environments which cannot be accessed via conventional forklift trucks.
This results in significantly reduced hazards for operators - e.g. musculoskeletal disorders caused by manual handling of loads.

Motorized platform, with 24V - 400W motor with 2x12V 33Ah battery supply and Curtis control card.
Loading floor made from sturdy steel, coated with non-slip rubber, with round tubular panels preventing objects from falling during transport.
The panels can be removed, to cater to individual transportation requirements.

The control console is equipped with the following:
• ignition key
• speed adjusting knob
• side butterfly handles for traction control
• intermittent beep, which is activated when moving in reverse
• battery charge indicator
• electric brake cut-out button
• emergency mushroom head button.

Fitted with 2 pneumatic traction wheels (Ø 260 mm) and 2 swivelling rubber wheels (Ø 150mm), electromagnetic brake and differential gear.
Supplied with an external battery charger, 220V/50Hz - V/A 24/12

FUNCTIONAL SPECIFICATIONS
Carrying capacity: 400 kg
Driving speed: 4-6 km/h (adjustable)
Battery life: 4 hours
Maximum permitted slope with a full load: 6%
Maximum permitted slope with 100 kg load: 18%

Safety devices:
Electronic brake
Buzzer
Anti-crushing guard
Battery charge indicator
Curtis control cart

TECHNICAL SPECIFICATIONS
Overall dimensions: 1280x630x1100h mm
Useful dimensions of loading platform with panels: 1150x570 mm
Useful dimensions of loading platform without panels: 1260x620 mm
Height of loading platform from floor: 320 mm
Height of battery compartment from floor: 65 mm
Weight with batteries: 140 kg

140 kg

C48M	1	048000230

C99P
folding tool trolley

Main features:
- Ultracompact folding tool trolley
- Telescopic handle
- Dimensions when open: 485x520x1095 mm
- Dimensions when closed: 485x80x810 mm
- Dimensions of folding base: 485x350 mm
- Two puncture proof wheels, Ø 175

C99P	1	099000101

C48P
folding tool trolley

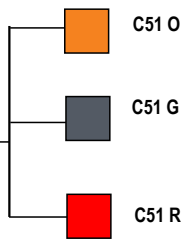
Main features:
- Loading platform made of reinforced polypropylene (PP), with non-slip coating and TPV inserts for corner protection
- Retractable handle for quick, compact storage
- Four non-marking castors, Ø 125 mm: 2 fixed and 2 steering with brakes
- Maximum capacity: 300 kg.
- Loading platform working width: 705 mm
- Loading platform depth: 480 mm
- Loading platform height: 200 mm

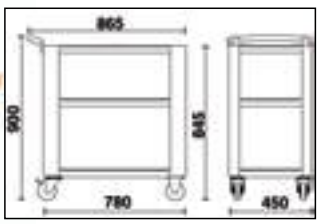
11 kg

C48P	1	048000030

C51
trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm:
  2 fixed and 2 steering (1 with brake)
- Static load capacity: 200 kg (distributed between3 shelves)





21 kg

	RAL		
C51 O	ge	1	051000001
C51 G	7016	1	051000002
C51 R	3000 - 7016	1	051000003

RSC51

service tool trolley with 3 drawers

Main features:
- ABS reinforced worktop, solid and sturdy
- Multipurpose top with anti-fall edges and 8 holes for accommodating screwdrivers
- 3 drawers (588x367 mm) with ball bearing slides, 70 mm high
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized safety lock
- Convenient side screwdriver holder included
- Two built-in side spray can holders
- Large lower shelf protected by an anti-oil and anti-petrol rubber mat
- 4 castors, Ø 125 mm: 2 fixed castors and 2 swivel castors (one with brake)

- Static load capacity: 400 kg
- Capacity of each drawer: 15 kg, evenly distributed

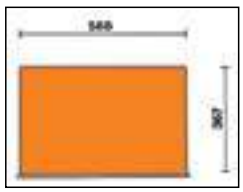
RSC51-FO

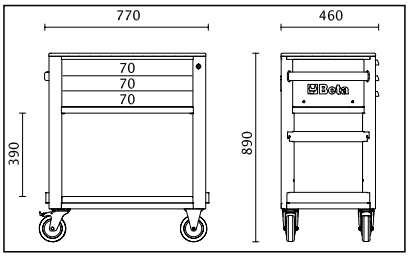
RSC51-R

RSC51-A

h	max
70 mm	15 kg

38 kg



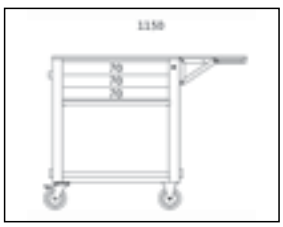


	RAL		
RSC51-FO	ge	1	051000300
RSC51-R	3000 - 7016	1	051000303
RSC51-A	7016	1	051000307

2400 RSC24/MP

folding shelf for items RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg



3,4 kg

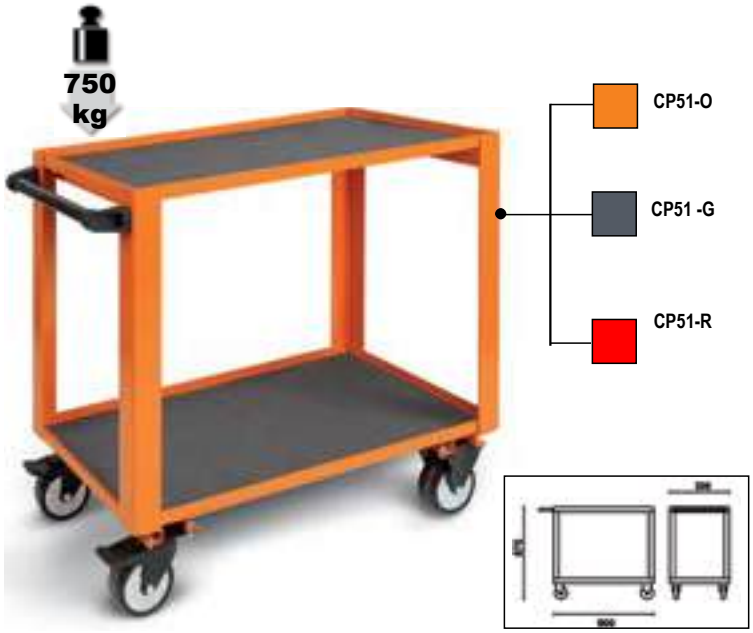
2400 RSC24/MP	1	024004900

CP51

high-grade trolley

- 2 tops covered with rubber mats
- Ergonomic handle
- Four high-grade castors Ø 125 mm:
2 fixed and 2 steering with brake
- Static load capacity: 750 kg (shared by 2 tops)

37 kg



	RAL		
CP51 O	**ge**	1	051000501
CP51 G	**7016**	1	051000502
CP51 R	**3000 - 7016**	1	051000503

CB52

gearbox/transmission trolley
with liquid recovery system

Inclined plane and drain holes
allow liquids to be recovered in collection tank

Fitted with:
- 4 swivel castors, including 2 with brakes
- Tool drawer
- Pull-out liquid collection tank; capacity: 7 l
- 2 shelves

Features:
- Dimensions: 1200x640x870 mm
- Weight: 60 kg

60 kg

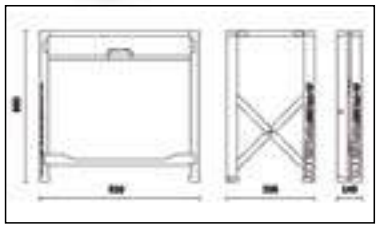
CB52-O	1	052000201

C56PL O

folding workbench, Light version

Lightweight, compact, easy to carry.
Worktop (800x500mm) made galvanized sheet iron, for use on one side, protected by an anti-oil and anti-petrol rubber cover.
Handle with rubber cover, for easy transportation.
Feet with nonslip cover.
Static load capacity: 200 kg

18,5 kg



C56PL O	1	056000021

C54S

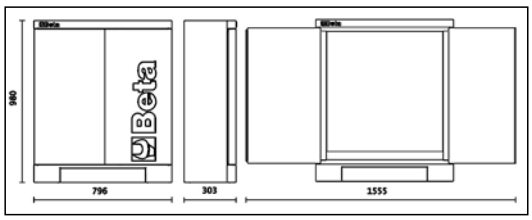
Cargo tool cabinets

These tool cabinets are designed according to detailed research and offer accurate, comfortable and rational solutions for end users.
Two perforated panels attached to the doors may be opened giving access to additional storage space.

Main features:
- 1 drawer, with slides.
- Easy tool layout according to users' needs.
- Easy wall mounting by means of two slots located at the back of the cabinet .
- Safety lock for both drawers and doors.
- Empty thermoformed tray for 1/2" sockets and accessories

C54S-O

37 kg



C54S-O	1	054000301

C57SA

MasterCargo workbench

• Model with tool storage board
(C57P) and one drawer cabinet.

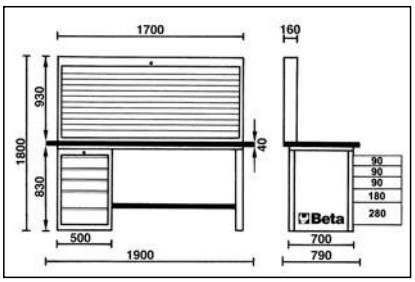
Drawer cabinet: five drawers,
588x367 mm, 3 90 mm high
1 180 mm and 1 280 mm high,
with ball bearing slides.
Can accommodate thermoformed trays.
Centralized lock.

Panel tool holder with holes on back
for wall mounting.
Vertically operated aluminium shutter, with lock.
Three removable perforated panels
for supporting tools.

Multi-ply worktop,
coated in plastic laminate with three holes
for vice item
1599F/150 - 1599GI/150, to be ordered separately.

205 kg

h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



	RAL		
C57S/A-O	ge	1	057001005
C57S/A-G	7016	1	057001205

C57SD

MasterCargo workbench

• Model with one drawer cabinet

Drawer cabinet: five drawers,
588x367 mm, 3 90 mm high
1 180 mm and 1 280 mm high,
with ball bearing slides.
Can accommodate thermoformed trays.
Centralized lock.

Multi-ply worktop,
coated in plastic laminate with three holes
for vice item 1599F/150 - 1599GI/150, to be ordered separately.

158 kg

h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg

	RAL		
C57S/D-O	ge	1	057001004
C57S/D-G	7016	1	057001204

C57SB

MasterCargo workbench

• Model with tool storage board
(C57P) and two drawer cabinets.

Drawer cabinet: five drawers,
588x367 mm, 3 90 mm high
1 180 mm and 1 280 mm high,
with ball bearing slides.
Can accommodate thermoformed trays
Centralized lock.

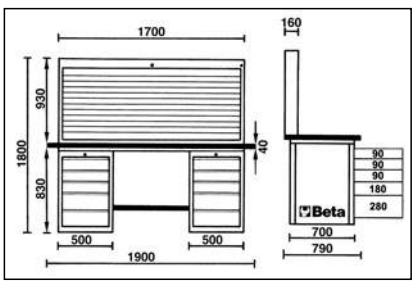
Panel tool holder with holes on back
for wall mounting.
Vertically operated aluminium shutter,
with lock.
Three removable perforated panels
for supporting tools.

Multi-ply wood worktop,
coated in plastic laminate with three holes
for vice item
1599F/150 - 1599GI/150, to be ordered separately.

243 kg

C57S/B-G

C57S/B-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg

	RAL		
C57S/B-O	**ge**	1	057001006
C57S/B-G	**7016**	1	057001206
C57S/B-R	**3000 - 7016**	1	057001406

C57SC

MasterCargo workbench

• Model with two drawer cabinets.

Drawer cabinet: five drawers,
588x367 mm, 3 90 mm high
1 180 mm and 1 280 mm high,
with ball bearing slides.
Can accommodate thermoformed trays.
Centralized lock.

Multi-ply wood worktop,
coated in plastic laminate with three holes
for vice item 1599F/150 - 1599GI/150, to be ordered separately.

196 kg

h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg

C57S/C-G

C57S/C-R

	RAL		
C57S/C-O	**ge**	1	057001003
C57S/C-G	**7016**	1	057001203
C57S/C-R	**3000 - 7016**	1	057001403

C57SP
panel tool holder

Panel tool holder with two holes on back for wall mounting.
Aluminium shutter, vertically adjustable, with lock.
Three removable perforated panels for tool holding.

60 kg

C57SP G

C57SP R

	RAL			
C57SP-O	ge		1	057001020
C57SP-G	7016		1	057001220
C57SP-R	3000 - 7016		1	057001420

5700LAMP
MasterCargo workbench lamp

- Sturdy sheet metal frame comprising four elements; provided with screws for assembling the lamp.
- Lamp holder with 1120-Lumen LED strip, 4000K, 14W.
- Power supply 230V.
- Provided without wire.

9 kg

5700LAMP + C57S/A-O

5700LAMP	1	057000005

C58P
panel tool holder

- Panel tool holder with two holes on back for wall mounting.
- Security locked shutter made of painted aluminium.
- Two removable perforated panels for tool holding.

47,5 kg

C58P-G

C58P-O

	RAL			
C58P-O	ge		1	058000221
C58P-G	7016		1	058000222

PV
wall tool panel

	LxA mm			
PV1	1000x920	10,2	1	088880010
PV1,5	1500x920	14,2	1	088880015

MODULAR WORKBENCHES

Beta has launched the new range of workbenches, MODULAR, designed to make it possible for professionals to configure their workplaces from scratch, adapting them to their individual needs.

The range comes in a wide choice of **preassembled combinations**; alternatively, you can fully **customize** your configuration, including the worktops, legs, mobile roller cabs and tool chests, tool wall systems and accessories.

The 75-cm-deep worktop means having a large, convenient, functional work surface available. It can be fitted with a vice, thereby allowing heavy-duty jobs to be carried out.

The new MODULAR range, designed according to the latest ergonomics studies, is enhanced by Beta's well-known sturdiness and quality, thereby standing out as an essential work partner.

Configure your workshop online

go to www.beta-tools.com

TOOL CHEST

TOOL WALL SYSTEMS

WORKTOPS

LEGS

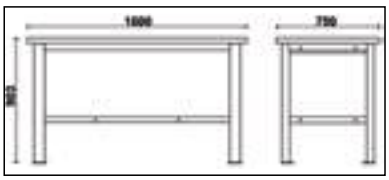
C58BC-W1,6

simple workbench with wood worktop, 1.6 m long

Main features:
- Worktop (1,600x750 mm), made from multi-ply wood, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1.288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1,6

61 kg



C58BC-W1,6	1	058000601

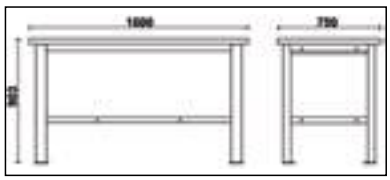
C58BC-X1,6

simple workbench with worktop made from stainless steel coated MDF, 1.6 m long

Main features:
- Worktop (1,600x750 mm) made from stainless steel coated MDF, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1.6

74 kg



C58BC-X1,6	1	058000606

C58BC-W1,6 2C

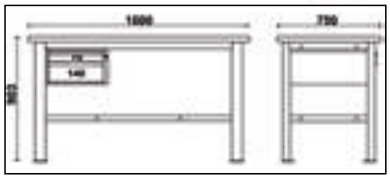
workbench, 1.6 m long, with wood worktop and 2 drawers

Main features:
- Worktop (1,600x750 mm) made from multi-ply wood, 38 mm thick
- 2 drawers (367x588 mm) with ball bearing slides:
1 drawer 70 mm high
1 drawer 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1.6

82 kg

h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W1,6 2C/O	1	058000611
C58BC-W1,6 2C/A	1	058000613

C58BC-W1,6 4C

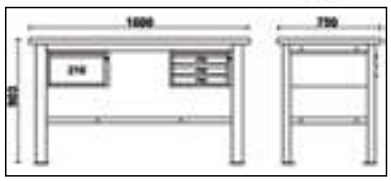
workbench, 1.6 m long with wood worktop and 4 drawers

Main features:
- Worktop (1,600x750 mm) made from multi-ply wood, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
1 drawer 210 mm high
3 drawers 70 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1.6

103,5 kg

h	max
70 mm	25 kg
210 mm	30 kg



C58BC-W1,6 4C/O	1	058000612
C58BC-W1,6 4C/A	1	058000614

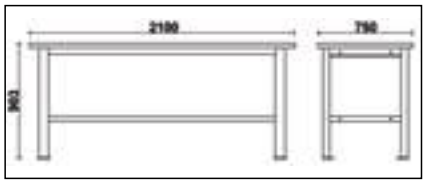
C58BC-W2,1

simple workbench with wood worktop, 2.1 m long

Main features:
- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,788x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 800 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

70 kg



C58BC-W2,1	1	058000621

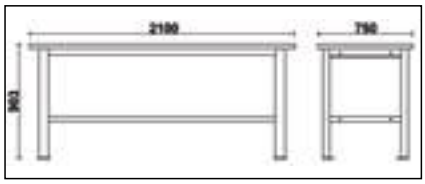
C58BC-X2,1

simple workbench with worktop made from stainless steel coated MDF, 2.1 m long

Main features:
- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,788x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

93 kg



C58BC-X2,1	1	058000626

C58BC-W2,1 2C

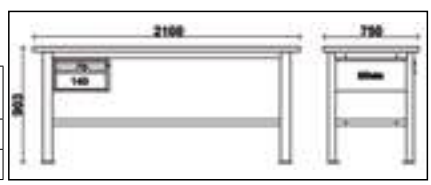
workbench, 2.1 m long, with wood worktop and 2 drawers

Main features:
- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 2 drawers (367x588 mm) with ball bearing slides:
1 drawer 70 mm high
1 drawer 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 Lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 800 kg, evenly distributed

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

91 kg

h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W2,1 2C/O	1	058000631
C58BC-W2,1 2C/A	1	058000636

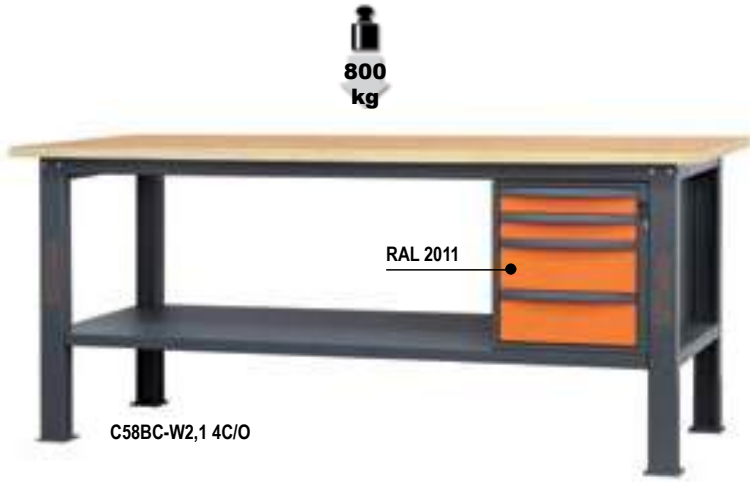
C58BC-W2,1 4C

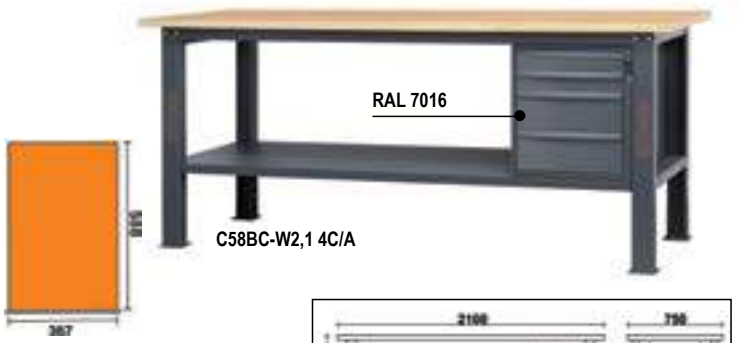
workbench, 2.1 m long, with wood worktop and 4 drawers

Main features:
- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
2 drawers 70 mm high
2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

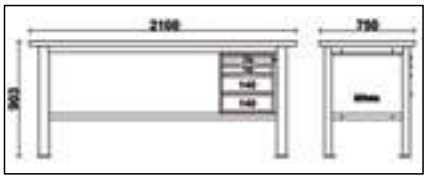
Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

118 kg





h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W2,1 4C/O	1	058000632
C58BC-W2,1 4C/A	1	058000637

C58BC-W2,1 4CA

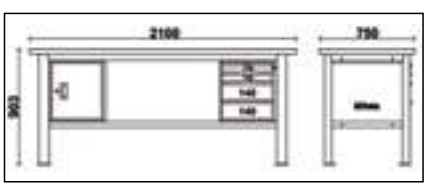
workbench, 2.1 m long, with wood worktop, 4 drawers and door module

Main features:
- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
2 drawers 70 mm high
2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

133 kg

h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W2,1 4CA/O	1	058000633
C58BC-W2,1 4CA/A	1	058000638

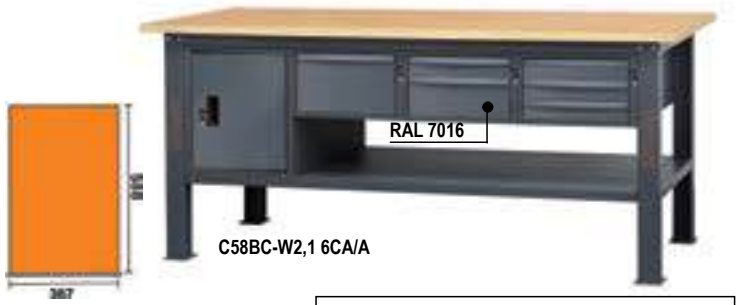
C58BC-W2,1 6CA

workbench, 2.1 m long, with wood worktop, 6 drawers and door module

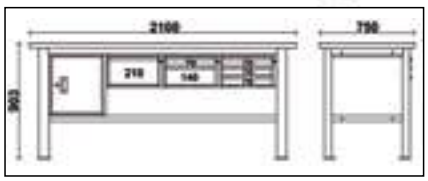
Main features:
- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 6 drawers (367x588 mm) with ball bearing slides:
1 drawer 210 mm high
4 drawers 70 mm high
1 drawer 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

162 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C58BC-W2,1 6CA/O	1	058000634
C58BC-W2,1 6CA/A	1	058000639

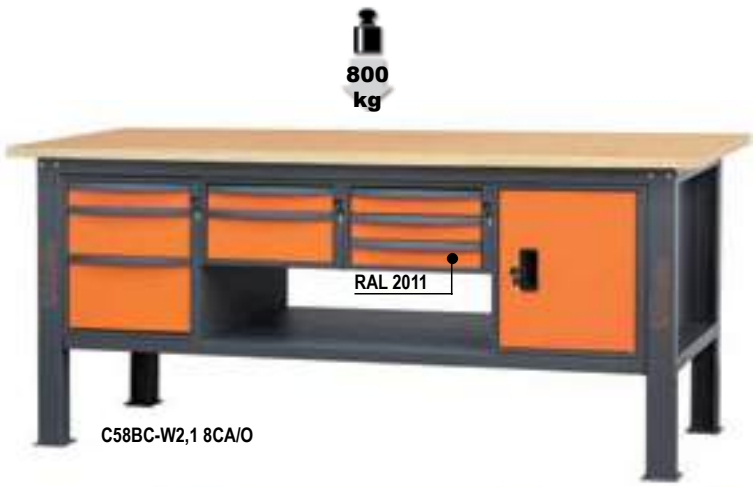
C58BC-W2,1 8CA

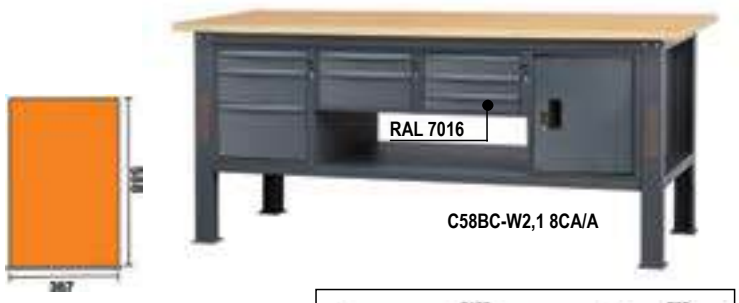
workbench, 2.1 m long, with wood worktop, 8 drawers and door module

Main features:
- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 8 drawers (367x588 mm) with ball bearing slides:
5 drawers 70 mm high
2 drawers 140 mm high
1 drawer 210 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

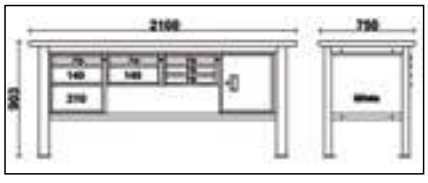
Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

174 kg





h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C58BC-W2,1 8CA/O	1	058000635
C58BC-W2,1 8CA/A	1	058000640

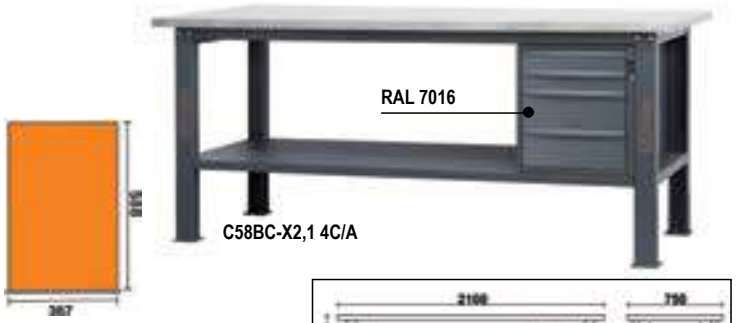
C58BC-X2,1 4C

workbench, 2.1 m long, with worktop made from stainless steel coated MDF and 4 drawers

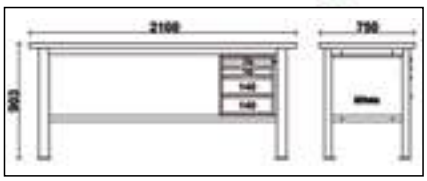
Main features:
- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
2 drawers 70 mm high
2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 m; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

141 kg



h	max
70 mm	25 kg
140 mm	30 kg



C58BC-X2,1 4C/O	1	058000623
C58BC-X2,1 4C/A	1	058000627

C58BC-X2,1 4CA

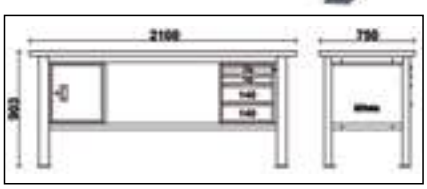
workbench, 2.1 m long, with worktop made from stainless steel coated MDF, 4 drawers and door module

Main features:
- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
2 drawers 70 mm high
2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

155,5 kg

h	max
70 mm	25 kg
140 mm	30 kg



C58BC-X2,1 4CA/O	1	058000624
C58BC-X2,1 4CA/A	1	058000628

C58BC-X2,1 8CA

workbench, 2.1 m long, with worktop made from stainless steel coated MDF, 8 drawers and door module

Main features:
- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- 8 drawers (367x588 mm) with ball bearing slides:
5 drawers 70 mm high
2 drawers 140 mm high
1 drawer 210 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 2 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

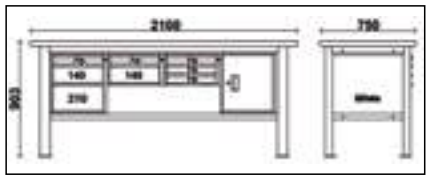
Following accessories can be added:
- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

C58BC-X2,1 8CA/O

C58BC-X2,1 8CA/A

197 kg

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C58BC-X2,1 8CA/O	1	058000625
C58BC-X2,1 8CA/A	1	058000629

C58PLT-W 1,6

worktop (1,600x750 mm) made from multi-ply wood, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

35,5 kg

C58PLT-W 1,6	1	058000641

C58PLT-X 1,6

worktop (1,600x750 mm) made from stainless steel coated MDF, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

48,5 kg

C58PLT-X 1,6	1	058000646

C58PLT-W 2,1

worktop (2,100x750 mm) made from multi-ply wood, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

41 kg

C58PLT-W 2,1	1	058000651

C58PLT-X 2,1

worktop (2,100x750 mm) made from stainless steel coated MDF, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

63,5 kg

C58PLT-X 2,1	1	058000656

C58GF

fixed height leg, for modular workbenches C58BC

- Sturdy sheet metal frame, with holes for fixing shelves
- Height: 866 mm
- Can be fixed to floor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

8 kg

C58GF	1	058000660

C58GT

vertically adjustable leg, for modular workbenches C58BC

Vertically adjustable height allows individual requirements to be satisfied, thereby translating into optimally ergonomic workbenches.

- Sturdy sheet metal frame, with holes for fixing shelves
- Height: 715 ÷ 1,065 mm; hole pitch: 25 mm
- Can be fixed to floor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

10 kg

C58GT	1	058000661

C58GRGM

leg with steering castors and handle, for modular workbenches C58BC

- Sturdy sheet metal frame, with holes for fixing shelves
- 2 steering castors, Ø 125 mm, with brakes
- Side handle for convenient carrying of workbench
- Overall height: 824 mm, including castor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

9,5 kg

C58GRGM	1	058000662

C58GRF

leg with fixed castors, for modular workbenches C58BC

- Sturdy sheet metal frame, with holes for fixing shelves
- 2 fixed castors, Ø 125 mm
- Overall height: 824 mm, including castor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

8,5 kg

C58GRF	1	058000663

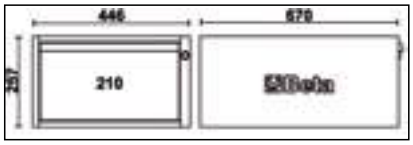
C58CS 1C

tool chest, 257 mm high, with 1 drawer, for modular workbenches C58BC

- 1 fully removable drawer (367x588 mm), with ball bearing slides, 210 mm high
- Front centralized safety lock
- Drawer base protected by foamed rubber mat
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

18,5 kg

h	max
210 mm	30 kg



C58CS/O 1C	1	058000671
C58CS/A 1C	1	058000674

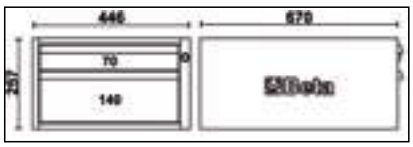
C58CS 2C

tool chest, 257 mm high, with 2 drawers, for modular workbenches C58BC

- 2 fully removable drawers (367x588 mm), with ball bearing slides:
1 drawer 70 mm high
1 drawer 140 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

21 kg

h	max
70 mm	25 kg
140 mm	30 kg



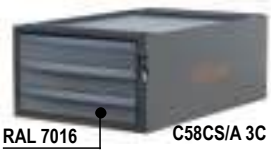
C58CS/O 2C	1	058000672
C58CS/A 2C	1	058000675

C58CS 3C

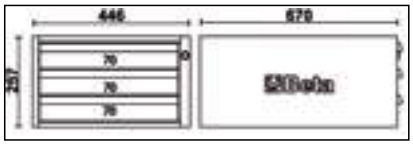
tool chest, 257 mm high, with 3 drawers, for modular workbenches C58BC

- 3 fully removable drawers (367x588 mm), with ball bearing slides, 70 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

24 kg



h	max
70 mm	25 kg



C58CS/O 3C	1	058000673
C58CS/A 3C	1	058000676

C58MA

module, 479 mm high, with door, for modular workbenches C58BC

- Front safety lock
- Sheet metal door can be installed with right or left opening
- Usable interior dimensions: 440x640x447 mm

15 kg

C58MA/O	1	058000680
C58MA/A	1	058000681

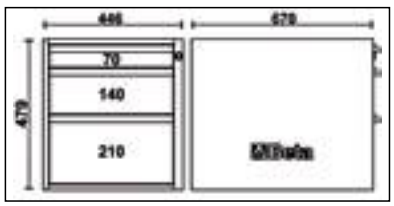
C58CSH 3C

tool chest, 479 mm high, with 3 drawers, for modular workbenches C58BC

- 3 fully removable drawers (367x588 mm), with ball bearing slides:
1 drawer 70 mm high
1 drawer 140 mm high
1 drawer 210 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

31 kg

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C58CSH/O 3C	1	058000682
C58CSH/A 3C	1	058000686

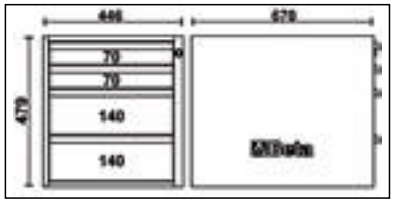
C58CSH 4C

tool chest, 479 mm high, with 4 drawers, for modular workbenches C58BC

- 4 fully removable drawers (367x588 mm), with ball bearing slides:
2 drawers 70 mm high
2 drawers 140 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

35 kg

h	max
70 mm	25 kg
140 mm	30 kg



C58CSH/O 4C	1	058000683
C58CSH/A 4C	1	058000687

C58CSH 5C

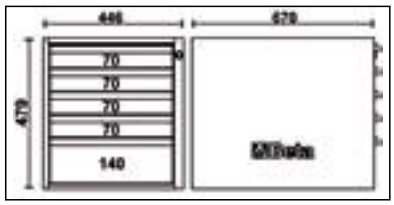
tool chest, 479 mm high, with 5 drawers, for modular workbenches C58BC

- 5 fully removable drawers (367x588 mm), with ball bearing slides:
4 drawers 70 mm high
1 drawer 140 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

37,5 kg

C58CSH/O 5C

C58CSH/A 5C



h	max
70 mm	25 kg
140 mm	30kg

C58CSH/O 5C	1	058000684
C58CSH/A 5C	1	058000688

C58CSH 6C

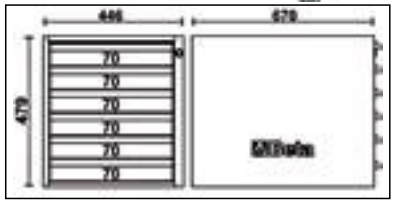
tool chest, 479 mm high, with 6 drawers, for modular workbenches C58BC

- 6 fully removable drawers (367x588 mm), with ball bearing slides, 70 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

40 kg

C58CSH/O 6C

C58CSH/A 6C



h	max
70 mm	25 kg

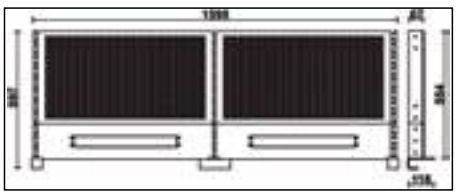
C58CSH/O 6C	1	058000685
C58CSH/A 6C	1	058000689

C58K/2PF-1,6M

kit of 2 perforated tool panels with frames, for modular workbenches C58BC, 1.6 m long

Kit contents:
- 3 supporting brackets
- 3 400-mm uprights
- 2 765-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 2 perforated tool panels, 765x25x400 mm

14,4 kg



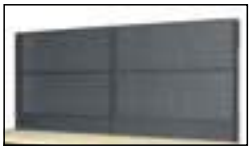
C58K/2PF-1,6M	1	058000802

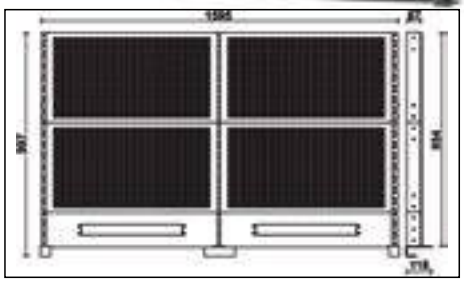
C58K/4PF-1,6M

kit of 4 perforated tool panels with frames, for modular workbenches C58BC, 1.6 m long

Kit contents:
- 3 supporting brackets
- 6 400-mm uprights
- 2 765-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 4 perforated tool panels, 765x400 mm

23,9 kg





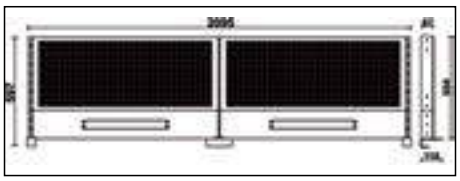
C58K/4PF-1,6M	1	058000804

C58K/2PF-2,1M

kit of 2 perforated tool panels with frames, for modular workbenches C58BC, 2.1 m long

Kit contents:
- 3 supporting brackets
- 3 400-mm uprights
- 2 1,015-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 2 perforated tool panels, 1,015x25x400 mm

17 kg



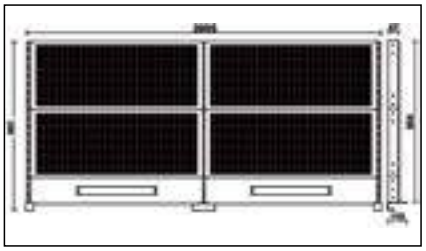
C58K/2PF-2,1M	1	058000812

C58K/4PF-2,1M

kit of 4 perforated tool panels with frames, for modular workbenches C58BC, 2.1 m long

Kit contents:
- 3 supporting brackets
- 6 400-mm uprights
- 2 1,015-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 4 perforated tool panels, 1,015x25x400 mm

28,2 kg



C58K/4PF-2,1M	1	058000814

C58SP 1,6

supporting half-shelf, for modular workbenches C58BC, 1.6 m long

- Thickness: 40 mm
- Fixing material included

9,7 kg

C58SP 1,6	1	058000690	

C58SP 2,1

supporting half-shelf, for modular workbenches C58BC, 2.1 m long

- Thickness: 40 mm
- Fixing material included

13,3 kg

C58SP 2,1	1	058000691	

C58BAC 1,6

anti-fall edge for modular workbenches C58BC, 1.6 m long

- Can accommodate 2 electrical outlets and 1 19" rack multi-socket (not included)
- Dimensions: 1,600x55x120 mm

4,5 kg

C58BAC 1,6	1	058000692	

C58BAC 2,1

anti-fall edge for modular workbenches C58BC, 2.1 m long

- Can accommodate 2 electrical outlets and 1 19" rack multi-socket (not included)
- Dimensions: 2.100x55x120 mm

5,8 kg

C58BAC 2,1	1	058000693	

C58PFL

perforated side panel for modular workbenches C58BC

- Dimensions: 560x25x545 mm
- Fixing material included

1,8 kg

C58PFL	1	058000696	

C58MP-0,8M

shelf for modular workbenches C58BC, 1.6 m long

- Dimensions: 774x250 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules

3,5 kg

C58MP-0,8M	1	058000840

C58MP-1M

shelf for modular workbenches C58BC, 2.1 m long

- Dimensions: 1,024x250 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules

4,5 kg

C58MP-1M	1	058000841

C58BLP-1,6M

LED lamp track, for modular workbenches C58BC, 1,6 m long

- Frame length: 1,550 mm
- Can be supplied with 1 LED lamp item C58PLED-150 (to be ordered separately)

5,2 kg

C58BLP-1,6M	1	058000850

C58BLP-1M

LED lamp track, for modular workbenches, C58BC 2.1 m long

- Frame length: 1,024 mm
- Can be supplied with 1 LED lamp item C58PLED-90 (to be ordered separately)
- To complete the set-up of the 2.1 m bench, 2 units must be ordered

3,8 kg

C58BLP-1M	1	058000851

C58PLED-150

LED lamp for modular workbenches C58BC, 1.6 m long

CE

- Dimensions: 1,500x25x78 mm
- Power: 48W
- Brightness: 4,320 lumens
- Light temperature: 6400k
- Light beam: 180°
- Degree of protection: IP20
- Average life: >20,000 hours
- Operating temperature: -10 °C ÷ +45 °C
- Operating voltage: 220-240AC, 50/60 Hz
- Supplied with fixing clips

540 g

C58PLED-150	1	058000860

C58PLED-90

LED lamp for modular workbenches C58BC, 2.1 m long

- Dimensions: 900x23x75 mm
- Power: 24W
- Brightness: 2,200 lumens
- Light temperature: 6400k
- Light beam: 180°
- Degree of protection: IP20
- Average life: >20,000 hours
- Operating temperature: -10 °C ÷ +45 °C
- Operating voltage: 220-240AC, 50/60 Hz
- Supplied with fixing clips

340 g

C58PLED-90	1	058000861

C56

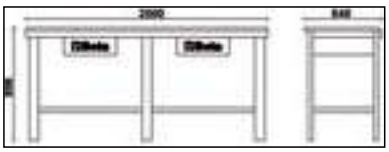
workbench

- Worktop made of painted sheet metal with external edge
- Steel frame with 6 supporting legs
- Static load capacity: 1200 kg
- Matches panel toolholder C57P; cannot be fixed to worktop
- Two drawers with lock
- Can be fixed to floor

C56-G

C56-O

C56-R



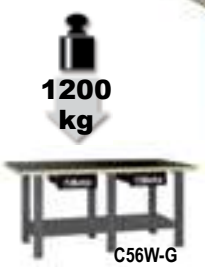
82 kg

	RAL		
C56-O	ge	1	056000201
C56-G	7016	1	056000202
C56-R	3000 - 7016	1	056000203

C56W

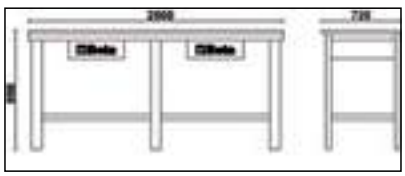
workbench with wood top

- Multi-ply wood worktop with holes for a vice (1599F/125 - 1599GI/125, to be ordered separately).
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.



C56W-G

C56W-O



86 kg

	RAL		
C56W-O	ge	1	056000251
C56W-G	7016	1	056000252

C59A

"Endurance" workbench with 1 cab with six drawers

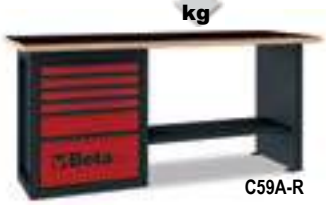
Main features:
• Worktop made from multi-ply wood with holes for vice item 1599F/125 - 1599GI/125 (to be ordered separately).
• 6 drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high.
• Drawers protected by foamed rubber mats.
• Hard-wearing nylon drawer front.
• Roller cabs can accommodate thermoformed trays.
• Front centralized safety lock.
• Lower object shelf.
• Can be fitted with paper roll holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

115 kg

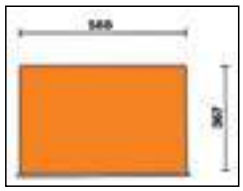
C59A-O

1500 kg

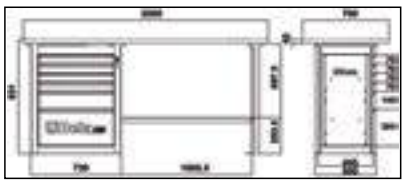
C59A-A



C59A-R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



	RAL		
C59A-O	2011 - 7016	1	059000011
C59A-A	7016	1	059000031
C59A-R	3000 - 7016	1	059000051

C59B

"Endurance" workbench with 2 cabs with six drawers

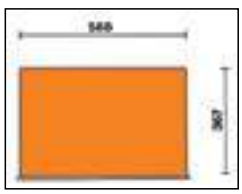
Main features:
• Worktop made from multi-ply wood with holes for vice item 1599F/125 - 1599GI/125 (to be ordered separately).
• 12 drawers (588x367 mm) with ball bearing slides:
8 drawers, 70 mm high
2 drawers, 140 mm high
2 drawers, 280 mm high.
• Drawers protected by foamed rubber mats.
• Can accommodate thermoformed trays.
• Front centralized safety lock.
• Lower object shelf.
• Can be fitted with paper roll holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

155 kg

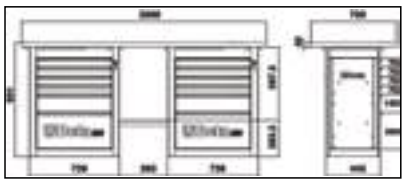
1500 kg

C59B-O

C59B-A



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



	RAL		
C59B-O	2011 - 7016	1	059000012
C59B-A	7016	1	059000032

C59C

"Endurance" workbench with 1 cab with six drawers, short model

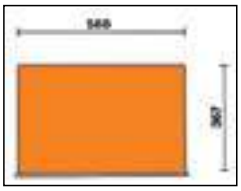
Main features:

- Worktop made from multi-ply wood with holes for vice item 1599F/125 - 1599GI/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roller holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

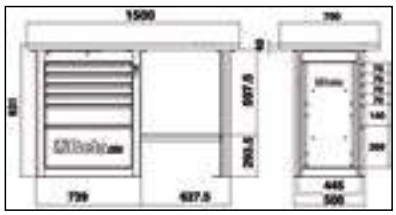
1500 kg

C59C-O

105 kg



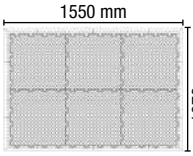
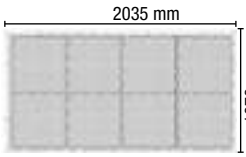
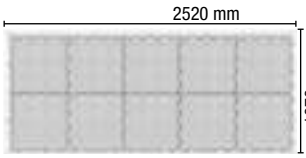
C59C-A



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

	RAL		
C59C-O	2011 - 7016	1	059000013
C59C-A	7016	1	059000033

MODULAR MAT

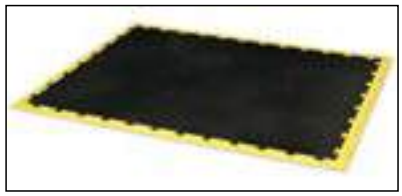
	PCP	SCG/M	SCG/F
	**6x**	**7x**	**7x**
	**8x**	**8x**	**8x**
	**10x**	**9x**	**9x**

PCP

modular nonslip PVC tile

A perfect addition to Beta's workshop equipment combinations and workbenches.

Main features:
- Surface with "bubble" relief pattern
- Tested for fire resistance in accordance with EN 13501-1
- Anti-slip grade: R10, in accordance with DIN EN 16165
- Resistant to most solvents and chemicals
- Good soundproofing and heat insulation
- Easy to clean
- Joint assembly system



1,4 kg

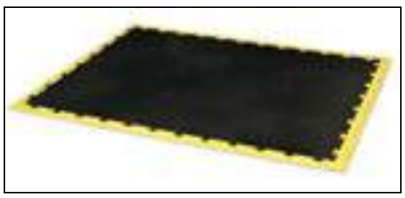
	mm		
PCP	500x500x80	10	088880800

SCG

modular PCP tile chute

A must-have for marking the boundaries of working areas.

Main features:
- Male or female jointed chute
- Each edge can be cut at an angle of 45°, to make a corner
- Yellow colour, for maximum visibility
- With slope, to make it easier for handling vehicles to go up



	mm		
SCG/M	483x50x7,5	10	088880805
SCG/F	483x50x7,5	10	088880810

WORKSHOP EQUIPMENT RSC55

To answer the requirements of a market where the emphasis is increasingly on quality, design and customization, Beta Utensili has developed “Racing System C55”, modular garage furniture shaped on your needs, while allowing you to create a modern work environment.

Beta RSC 55

QUALITY

Beta’s best Italian-made quality to furnish your garage

ORGANIZATION

A sensibly organized workstation, synonymous with optimized work

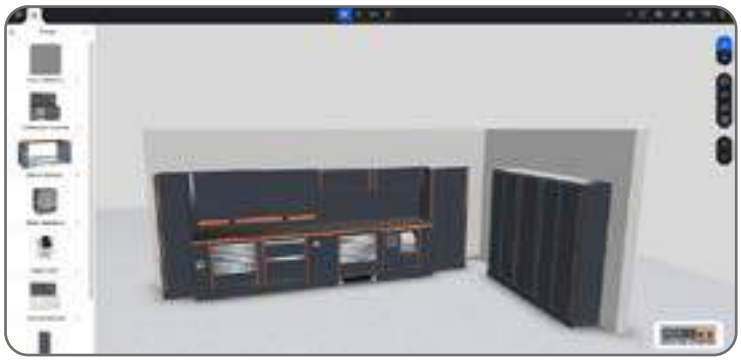
DESIGN

Refined, captivating finishes for a tidy, attractive workstation

MODULARITY

Modular garage fitting your spaces and requirements

WORKSHOP EQUIPMENT RSC55



Configure your workshop online
Go to **www.rsc55.com**

YOUR COLOURS FOR YOUR WORKSHOP!

RSC55 allows you to order the benches and tool wall system with shutter in a neutral (grey) version and customize the vertical coloured inserts by choosing from 7 different adhesive tapes.

1. Order the vertical insert in a neutral colour

2. Order the vertical insert
Choose the colour to your taste or according to your company's colours

Comprehensive combination comprising:
- Single-door tool cabinet (C55A1)
- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Workbench with sockets (C55PRO BO/2)
- Mobile roller cab with 7 drawers (C55C7)
- Fixed module with 2 storage drawers (C55M2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)
- Tool panel with shutter (C55PS-O)

C55	1	055000000

C55AB

workshop equipment combination

Combination comprising:
- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)

407 kg

C55AB	1	055000020	2000 760 2850	

C55PB/3

workshop equipment combination

Combination comprising:
- Workbench (C55BO/2)
- Roller cab module with 8 drawers (C55C8)
- Fixed module with 2 storage drawers (C55M2)
- Wall tool system with shutter (C55PS-O)

334 kg

C55PB/3	1	055000035	2000 760 2050	

C55PB-PRO/7

workstation for workshop equipment combination RSC55

Composed of:

C55B
Workbench with worktop (2050x700 mm) covered with a shockproof, nonscratch ABS coat resistant to oils and hydrocarbons.
Fitted with:
• Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
• Vertically adjustable feet

C55M7
Fixed module with seven drawers (588x367 mm) with ball bearing slides
• Aluminium opening system throughout length of drawer
• Drawer bases protected by foamed rubber mats
• Front centralized lock
• Can be fitted with thermoformed trays

C55MS
Fixed service module
• Built-in waste bin
• Paper roll compartment
• Storage drawer, 305x270 mm

C55/2PM + C55/PF
Tool wall system with 2 suspended cabinets
• 2 suspended cabinets, 1024x400x300 mm, with gas springs
• 2 under-cabinet panels, 1024x620x25 mm
• 2 under-cabinet perforated tool panels, 1024x620x25 mm

350 kg

2000 760 2050

C55PB-PRO/7		1	055000065

C55PB-PRO/8

workstation for workshop equipment combination RSC55

Composed of:

C55B
Workbench with worktop (2050x700 mm) covered with a shockproof, nonscratch ABS coat resistant to oils and hydrocarbons.
Fitted with:
• Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
• Vertically adjustable feet

C55C7
Mobile roller cab with seven drawers (588x367 mm) with ball bearing slides
• 4 castors Ø 100 mm, 2 fixed and 2 steering (one with brake)
• Aluminium opening system throughout length of drawer
• Drawer bases protected by foamed rubber mats
• Front centralized lock
• Can be fitted with thermoformed trays

C55MA
Fixed two-door module
• Push-pull opening system
• With lock
• Interior shelf, vertically adjustable

C55PS
Tool wall system with shutter and framework
• Aluminium shutter, vertically adjustable, with lock
• Removable perforated tool panel

347 kg

2000 760 2050

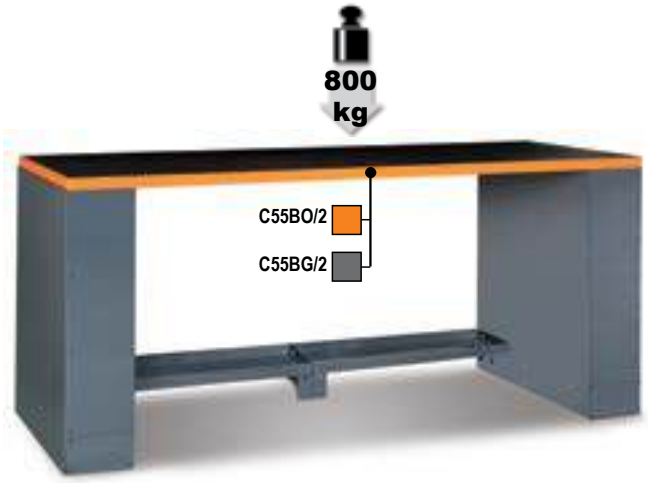
C55PB-PRO/8		1	055000066

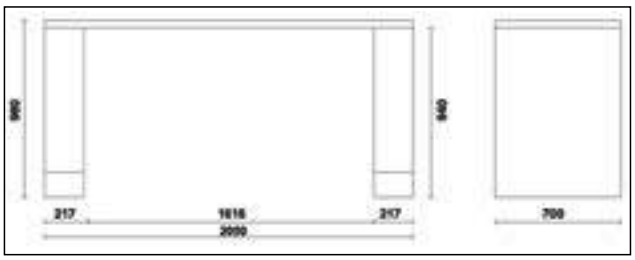
C55B/2

2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

105 kg





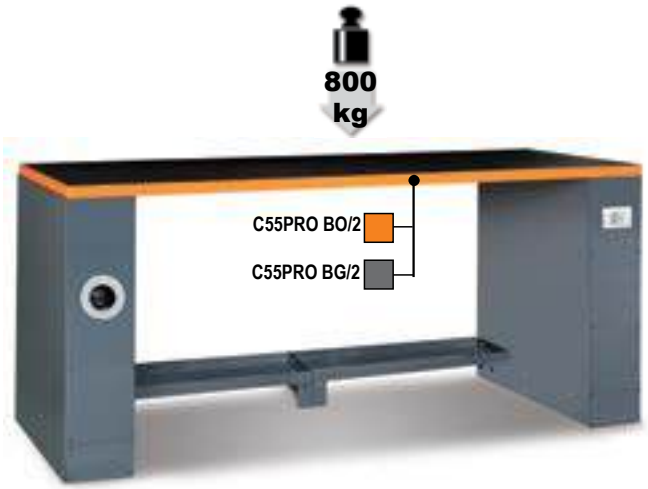
C55BO/2	1	055000101
C55BG/2	1	055000111

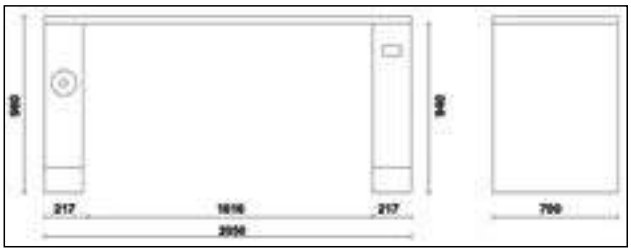
C55PRO B/2

2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
Built-in sockets and hose reel:
- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

110 kg





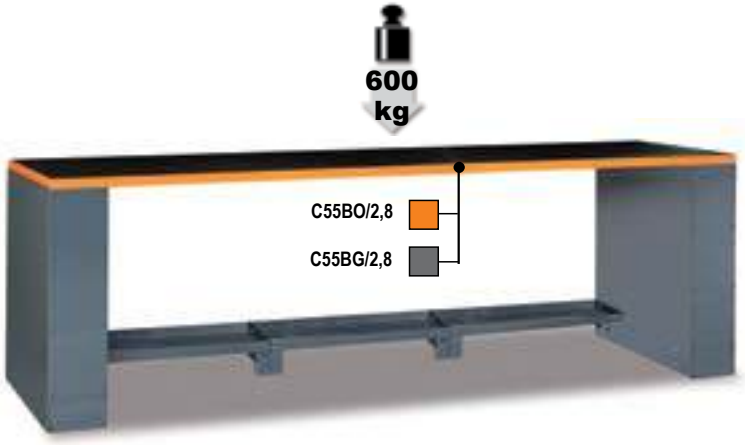
C55PRO BO/2	1	055000151
C55PRO BG/2	1	055000171

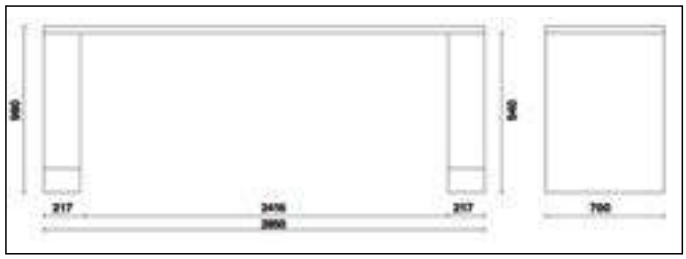
C55B/2,8

2.8-m-long workbench, for workshop equipment combination

Worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

131 kg





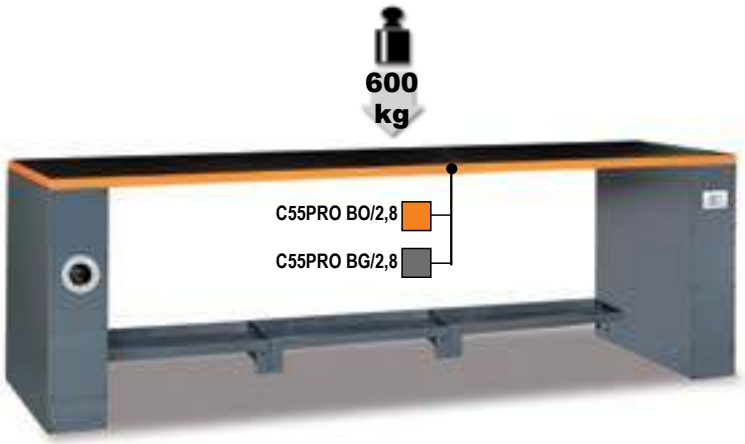
C55BO/2,8	1	055000261
C55BG/2,8	1	055000281

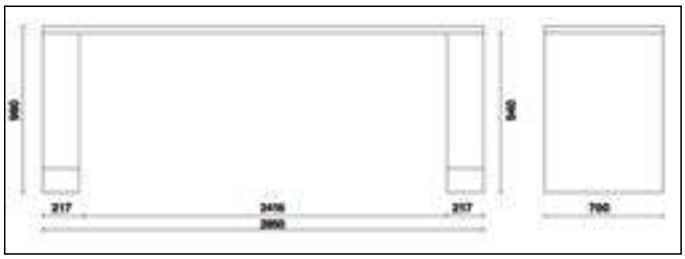
C55PRO B/2,8

2.8-m-long workbench, for workshop equipment combination

With worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
Built-in sockets and hose reel:
- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

134 kg





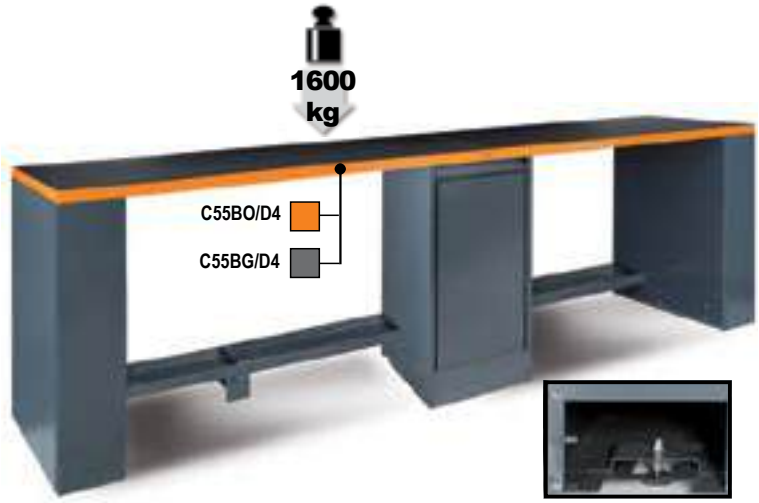
C55PRO BO/2,8	1	055000271
C55PRO BG/2,8	1	055000283

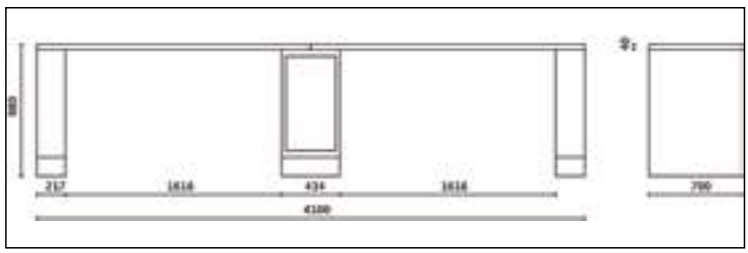
C55B-D4

double 4-m-long workbench with central leg

Worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Holes for a vice 1599F/150 - 1599GI/150 (to be ordered separately)
- Vertically adjustable feet
- Double central leg with compartment and slide-away door, 350x750 mm

185 kg





C55BO/D4	1	055000109
C55BG/D4	1	055000119

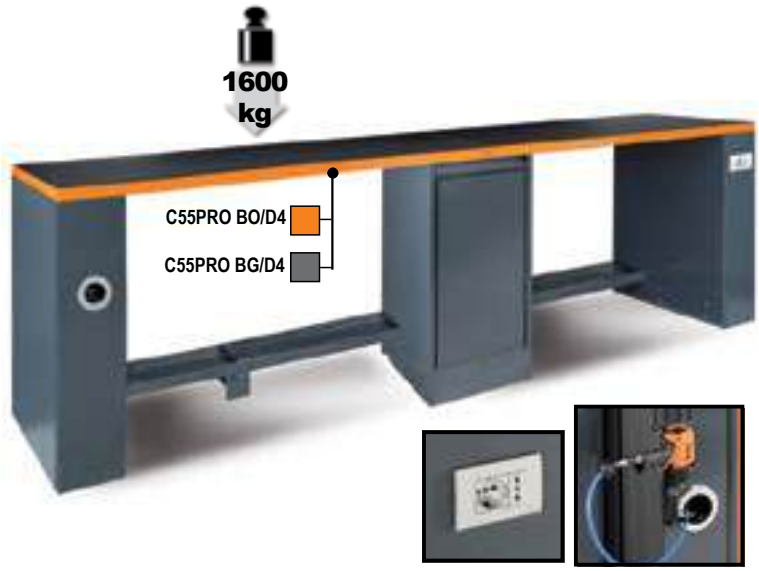
C55PRO B-D4

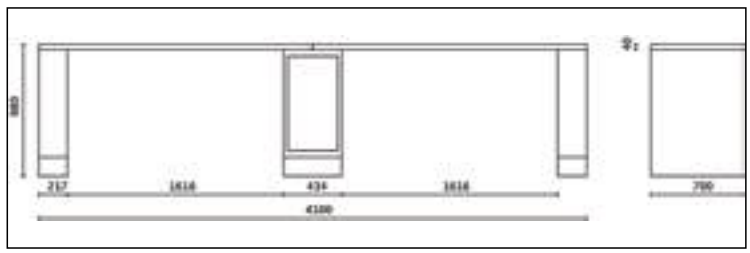
double 4-m long workbench with central leg

With worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and cable reel:
- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, cable length: 10 m.
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet
- Double central leg with tool compartment and door, 365x750 mm

190 kg





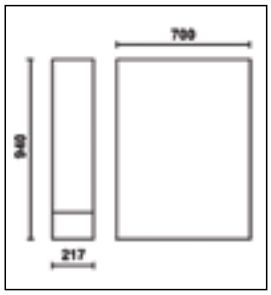
C55PRO-BO/D4	1	055000159
C55PRO-BG/D4	1	055000179

C55B/G

universal leg for workshop equipment workbench

• With vertically adjustable feet

32 kg



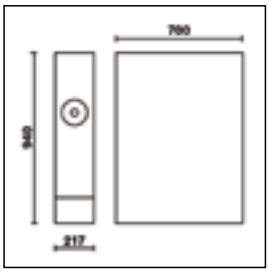
C55B/G	1	055000096

C55B/GAA

universal leg for workbench with built-in hose reel

• Built-in automatic hose reel for compressed air or cold water, Ø 8 mm
• Hose length: 10 m 1900S 8x10
• With vertically adjustable feet
• Front and side access

36,4 kg



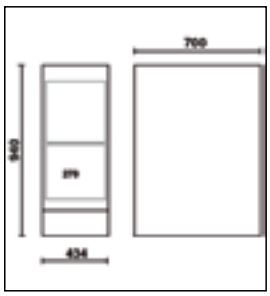
C55B/GAA	1	055000099

C55B/GDP

double leg for adjoining workshop equipment workbenches

Paper roll holder compartment
Compartment with door
With vertically adjustable feet

45 kg



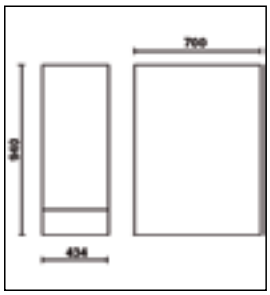
C55B/GDP	1	055000292

C55B/GDS

double leg for adjoining workshop equipment workbenches

Compartment with slide-away door, 365x750 mm
With vertically adjustable feet

45 kg



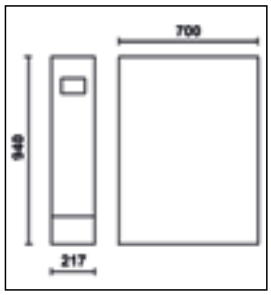
C55B/GDS	1	055000291

C55B/GE

universal leg with power sockets for workshop equipment workbench

- Schuko socket+16+10A
- EU Plug +10A
- With vertically adjustable feet

30,4 kg



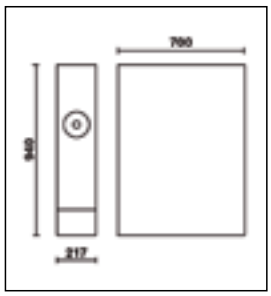
C55B/GE	1	055000097

C55B/GAE

universal leg with built-in electrical cable reel for workbench, for workshop equipment combination

- Built-in automatic cable reel with Schuko type socket 1844 15H05SCK
- Cable length: 15 m
- With thermal protection switch
- With vertically adjustable feet
- Front and side access

37,5 kg



C55B/GAE	1	055000094

C55/PL-1,024

1-m-long worktop for workbench extension

Painted sheet metal worktop (1024x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

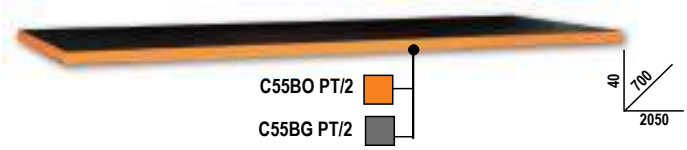
21 kg

C55/BO PT-1,024	1	055000130
C55/BG PT-1,024	1	055000131

C55B PT/2

2-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
Holes for a vice (1599P/150 - 1599GI/150, to be ordered separately)



43 kg

C55BO PT/2	1	055000106
C55BG PT/2	1	055000116

C55B PT/2,8

2.8-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
Holes for a vice (1599P/150 - 1599GI/150, to be ordered separately)

67 kg

C55BO PT/2,8	1	055000266
C55BG PT/2,8	1	055000286

C55RB

shockproof, non-scratch PVC coat, resistant to hydrocarbons

For protecting worktop.
C55RB/2: for 2-m-long worktop
C55RB/2.8: for 2.8-m-long worktop
C55RB/0.7: for 700x700mm worktop
C55RB/1: for 1-m-long worktop

C55RB/2	1	055000195
C55RB/2,8	1	055000196
C55RB/0,7	1	055000199
C55RB/1	1	055000198

C55B/VS

lower workbench bracket, 0.8 m long

Dimensions: 800x230x60 mm

4,2 kg

C55B/VS	1	055000095

C55C7

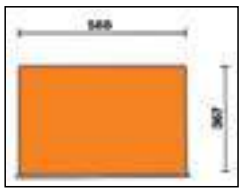
mobile roller cab with seven drawers, for workshop equipment combination

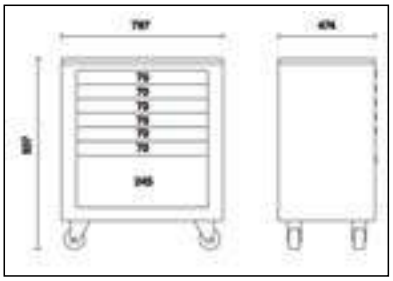
7 drawers (588x367 mm), with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

79 kg

1000 kg

h	max
70 mm	30 kg
245 mm	40 kg





C55C7	1	055000201

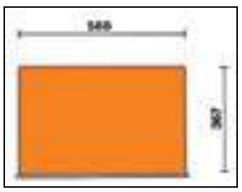
C55C8

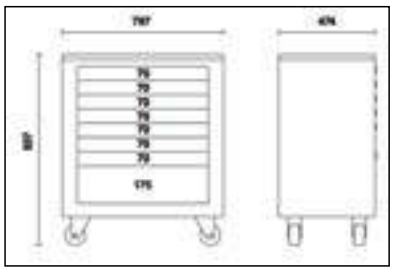
roller cab module with eight drawers, for workshop equipment combination

8 drawers(588x367 mm) with ball bearing slides
• 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
• Aluminium opening system throughout length of drawer
• Drawer bases protected by foamed rubber mats
• Front centralized lock
• Can be fitted with foam trays

1000 kg

h	max
70 mm	30 kg
175 mm	40 kg





80,8 kg

C55C8		1	055000206

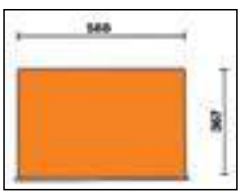
C55M2

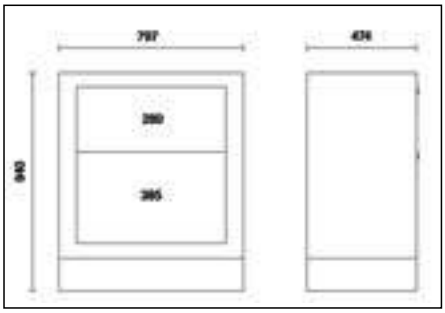
fixed module with 2 drawers, for workshop equipment combination

2 drawers (588x367mm) with ball bearing slides
• Aluminium opening system throughout length of drawer
• Drawer bases protected by foamed rubber mats
• Front centralized lock

66 kg

h	max
280 mm	40 kg
385 mm	40 kg





C55M2		1	055000202

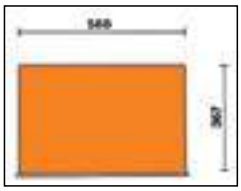
C55M4

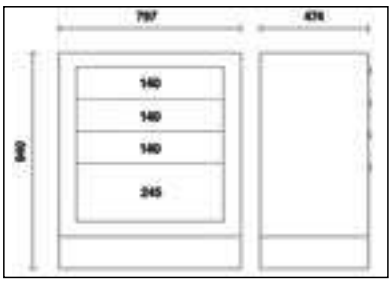
fixed module with 4 drawers, for workshop equipment combination

4 drawers (588x367 mm) with ball bearing slides
• Aluminium opening system throughout length of drawer
• Drawer bases protected by foamed rubber mats
• Front centralized lock

75 kg

h	max
140 mm	30 kg
245 mm	40 kg





C55M4	1	055000212

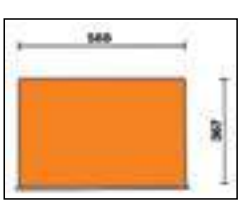
C55M7

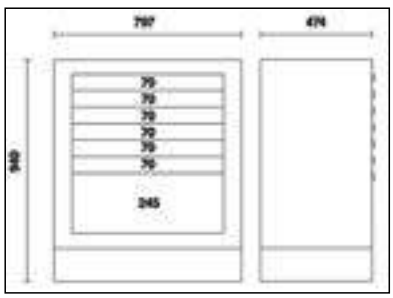
fixed module with seven drawers, for workshop equipment combination

7 drawers (588x367 mm) with ball bearing slides
• Aluminium opening system throughout length of drawer
• Drawer bases protected by foamed rubber mats
• Front centralized lock
• Can be fitted with foam trays

78 kg

h	max
70 mm	30 kg
245 mm	40 kg





C55M7	1	055000203

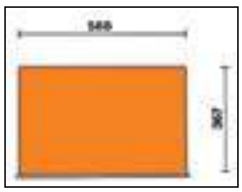
C55M8

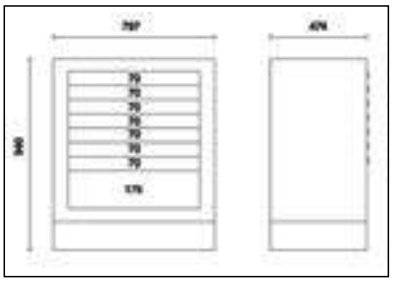
fixed module with 8 drawers for workshop equipment combination

8 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

78,9 kg

h	max
70 mm	30 kg
175 mm	40 kg





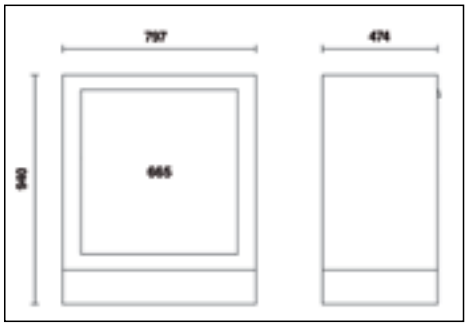
C55M8	1	055000207

C55CS

fixed sorted waste collection module for workshop equipment combination

- Pull-out waste compartment (588x465) with ball bearing slides
- 2 capacious pull-out interior containers for sorting waste

61,4 kg



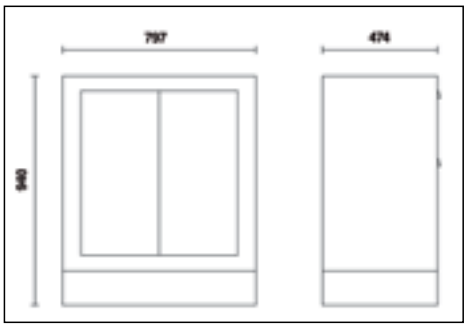
C55 CS	1	055000208

C55MA

fixed two-door module, for workshop equipment combination

- Push Pull opening
- With lock• Interior shelf, vertically adjustable

75 kg



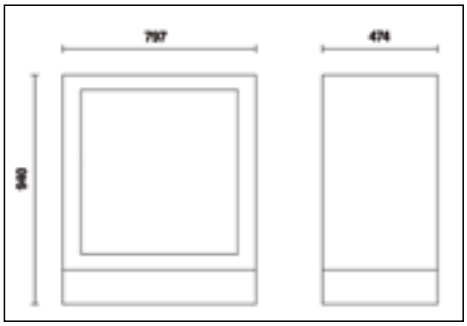
C55MA	1	055000205

C55MDO

fixed oil distribution module
for workshop equipment combination

- 2 reels with 7m - 1/2” hose included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
  - max. flow rate: 30 l/min
  - viscosity: 8÷2000 mPas

93,4 kg



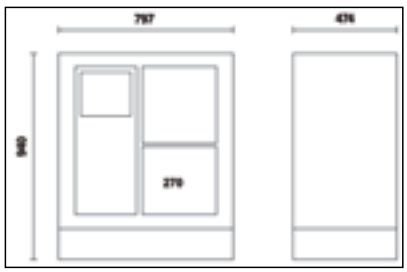
C55MDO	1	055000210

C55MS

fixed service module, for workshop equipment combination

- Built-in waste bin
- Perforated paper roll compartment
- Storage drawer, 305x270 mm

75 kg



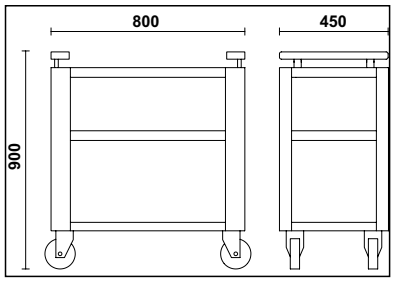
C55MS		1	055000204

C55T3

trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed between 3 shelves)

22,8 kg



C55T3		1	055000219

C55P/MCD

double central intermediate uprights

10 kg

C55P/MCD	1	055000257

C55P/2MDX-SX

right/left wall uprights, pair

10 kg

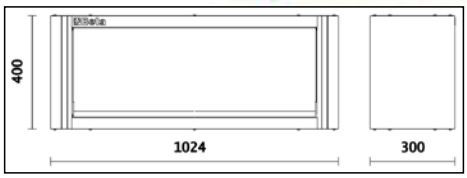
C55P/2MDX-SX	1	055000253

C55PM

suspended cabinet for workshop equipment combination, 1 m long

• Dimensions: 1024x400x300 mm; fitted with gas springs, making it easier to open and close door

23,4 kg



C55PM	1	055000302

C55PFA-1,0

self-supporting perforated panel, 1 m long, for workshop equipment combination

Perforated steel tool panel (1024x1020x25 mm)

11 kg

C55PFA-1,0	1	055000316

C55/PF

perforated under-cabinet panel for workshop equipment combination, 1 m long

• Perforated tool panel (1024x600 mm)

6 kg

C55/PF	1	055000307

C55PT1,0X0,6

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

8 kg

C55PT1,0X0,6	1	055000314

C55PTE-1,0

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm
Accommodates 2 power sockets (not included)

8 kg

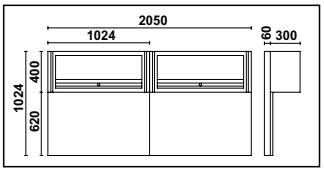
C55PTE-1,0	1	055000319

C55/2PM

tool wall system with 2 suspended cabinets, for workshop equipment combination

- 2 suspended cabinets,1024x400x300 mm, fitted with gas springs, making it easier to open and close doors.
- Wall panel, 2050x620 mm; can accommodate perforated tool panels C55/PF (to be ordered separately)
- Supplied with framework
- Matches 2-m-long workbench

82,7 kg



C55/2PM	1	055000301

C55PFA-0,8

self-supporting perforated panel, 0.8 m long, for workshop equipment combination

Perforated steel tool panel (800x1020x25 mm)

10 kg

525

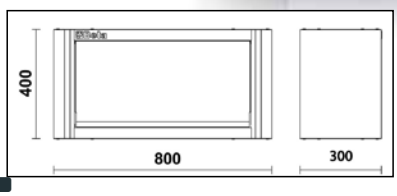
C55PFA-0,8	1	055000315

C55PM/M0,8

suspended cupboard, 0.8 m long, for workshop equipment combination

Dimensions: 800x400x300 mm; fitted with gas springs making it easier to open and close door

19 kg



C55PM/M0,8	1	055000312

C55PTE-0,8

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm
Accommodates 1 power socket (not included)

6 kg

C55PTE-0,8	1	055000318

C55PT0,8X0,6

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm

7,8 kg

C55PT0,8X0,6	1	055000313

C55/1PF

perforated tool panel, for workshop equipment combination

• Perforated tool panel (800x600 mm)

4,6 kg

525

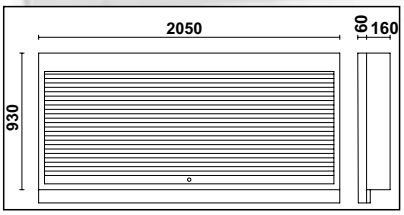
C55/1PF	1	055000309

C55PS

tool wall system with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- 50-hook GPS kit included
- Matches 2-m-long workbench

85,7 kg



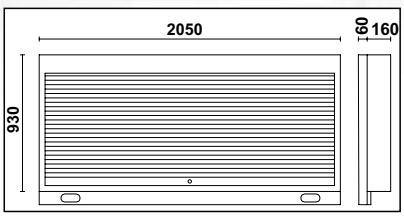
C55PS-O	1	055000250
C55PS-G	1	055000255

C55PSE

tool wall system with shutter
accommodating 2 power sockets

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- 50-hook GPS kit included
- Accommodates power sockets
- Matches 2-m-long workbench

85,7 kg



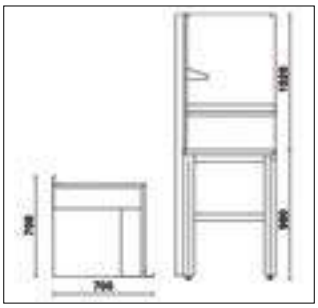
C55PSE-O	1	055000258
C55PSE-G	1	055000260

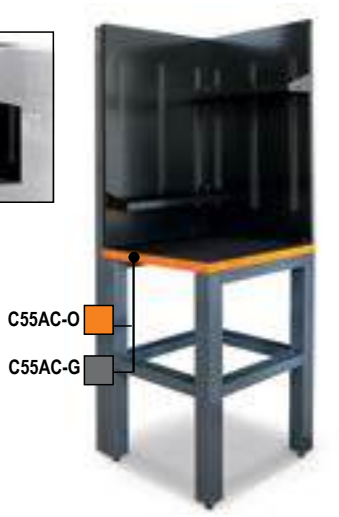
C55AC

self-supporting complete corner

Worktop (700x700 mm) with legs
2 upper tool wall systems complete with 2 fixing shelves (665x150 mm)

63 kg





C55AC-O	1	055000360
C55AC-G	1	055000380

C55KAI

corner worktop for workshop equipment combination

• Painted sheet metal worktop (700x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

33 kg

C55KAI-O	1	055000365
C55KAI-G	1	055000385

C55MP

steel corner wall shelves

Dimensions: 700x160x80 mm

3 kg

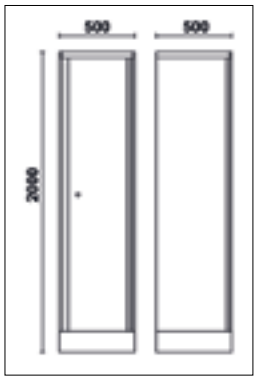
C55MP	1	055000374

C55A1

sheet metal single-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- convenient folding clothes rail under first shelf
- with lock
- Sheet metal door can be installed with right or left opening
- usable interior dimensions: 1770x420x420 mm

47,3 kg



C55A1	1	055000411

C55A2

sheet metal two-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1798x797x403 mm

69,5 kg

C55A2	1	055000412

C55AT2

sheet metal tool cabinet with two clear polycarbonate doors, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1798x797x403 mm

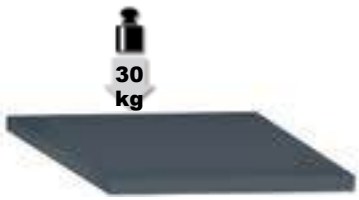
56 kg

C55AT2		1	055000422

C55A1/R42

interior shelf for tool cabinet C55A1

1,9 kg

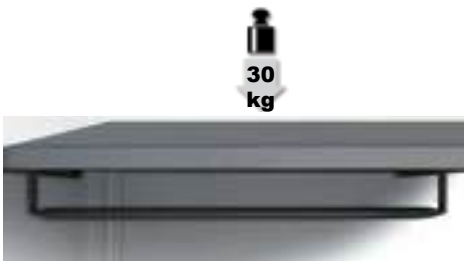


C55A1/R42	497x403 mm	1	055000461

C55 A1/RB42

interior shelf for tool cabinet C55A1, with clothes rail

2,3 kg

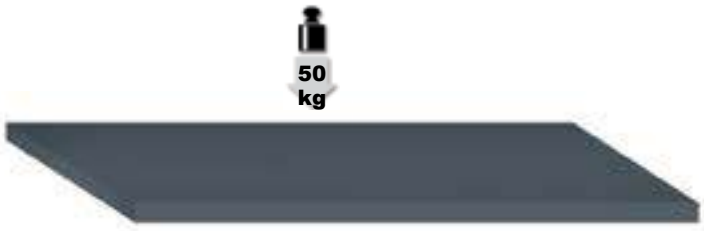


C55 A1/RB42	mm 497x403	1	055000463

C55A2/R70

interior shelf for tool cabinet C55A2/C55AT2

3,6 kg



C55A2/R70	700x420 mm	1	055000462

C55STR

adhesive tape 25 m

allows to tailor the vertical tapes of garage furniture item C55

C55STR-O/2011		1	055000901
C55STR-R/3000		1	055000903
C55STR-V/6029		1	055000906
C55STR-Y/1023		1	055000905
C55STR-B/5015		1	055000904
C55STR-S/9006		1	055000902

WORKSHOP EQUIPMENT RSC50 2.0

Beta keeps evolving in line with market trends, to successfully take up the challenges of the future.
As a result, the workshop equipment combination, RSC50, has been upgraded into **the new, revolutionary system, RSC50 2.0**.
The new **70-cm-long worktop**, the three types of material to choose from (sheet metal, **multi-ply wood and stainless steel coated MDF**) make RSC50 2.0 a one-of-a-kind ITALIAN-MADE line.
RSC50 2.0 means a perfect combination of modern design and unparalleled functionality. Designed to satisfy today's professionals' requirements.

Beta RSC50 2.0

QUALITY

Our acclaimed care in choosing the materials, painstaking attention for detail and, last but not least, the captivating design make the RSC50 2.0 a one-of-a-kind workshop equipment range.

FUNCTIONALITY AND STURDINESS

The **70-cm-deep worktop** means having a large, convenient, functional work surface available. It can be fitted with a vice, thereby allowing heavy-duty jobs to be carried out.

EFFICIENCY

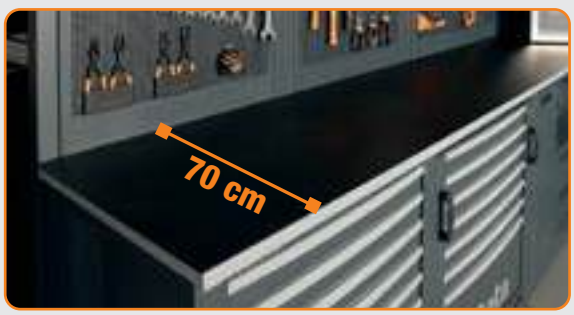
Simple, quick installation, based on the optimized production of the various parts of the range.

FLEXIBILITY

Each workshop equipment combination can be extended or modified at any time as required. **You can choose the material of your worktop**: sheet metal, multi-ply wood or stainless steel coated MDF.

COMPATIBILITY

The drawers in Beta's standard dimensions (588x367 mm) can accommodate the numerous tool modules, which are available in both soft and hard versions, made from EVA and ABS respectively.



WORKSHOP EQUIPMENT RSC50 2.0

Configure your workshop in 3D online on **www.beta-tools.com/rsc50**

The new workshop equipment range, RSC50 2.0, comprises preassembled combinations, developed by Beta for professionals; alternatively, you can design your workplace on your own, choosing from many under-bench modules, wall-mounted cabinets and furnishing accessories.

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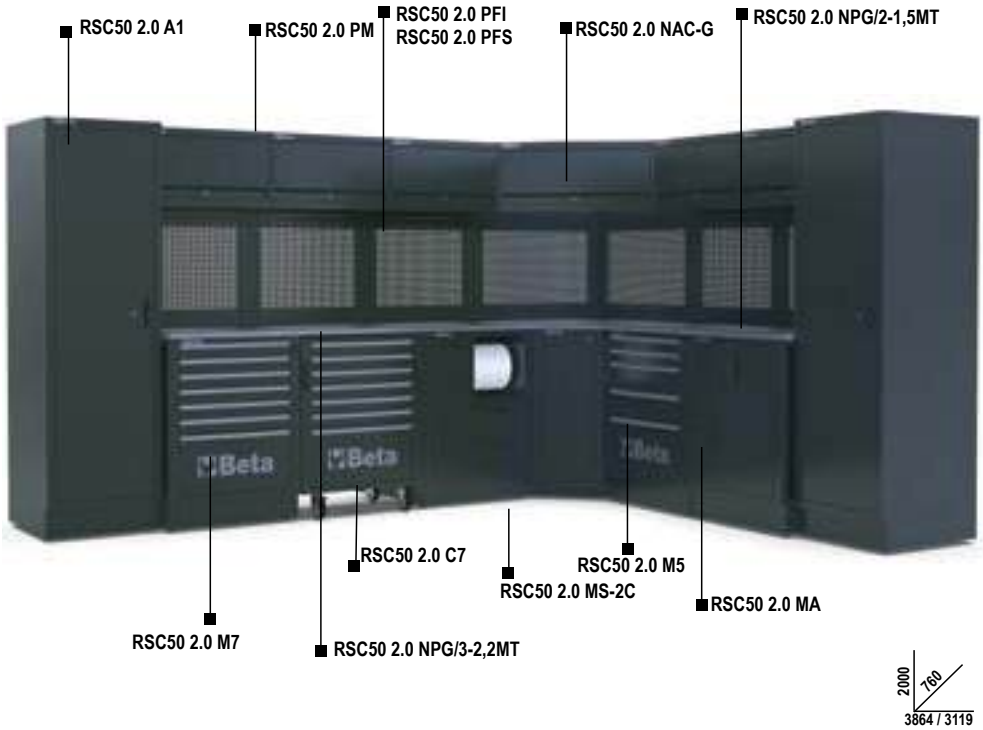
RSC50 2.0 I

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 2,240x**700** mm (RSC50 2.0 NPG/3-2.2MT)
- 1 worktop, 1,495x**700** mm (RSC50 2.0 NPG/2-1,5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 self-supporting complete corner (RSC50 2.0 NAC-G)
- 1 fixed module with 5 drawers (RSC50 2.0 M5)
- 1 fixed two-door module (RSC50 2.0 MA)
- 5 wall-mounted cabinets (RSC50 2.0 PM)
- 5 upper perforated tool panels (RSC50 2.0 PFS)
- 5 lower perforated tool panels (RSC50 2.0 PFI)
- 5 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 2 single-door cabinets (RSC50 2.0 A1)



804 kg

RSC50 2.0 I	1	050001046

RSC50 2.0 L

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 2,240x**700** mm (RSC50 2.0 NPG/3-2.2MT)
- 1 worktop, 750x**700** mm (RSC50 2.0 NPG/1-0.7MT)
- 1 fixed service module (RSC50 2.0 MS-2AVV) with compressed air hose reel item 1900S 8x10 and cable reel item 1844 15-H05/SCK (included)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 self-supporting complete corner (RSC50 2.0 NAC-G)
- 1 fixed two-door module (RSC50 2.0 MA)
- 1 tool wall system with aluminium shutter and framework (RSC50 2.0 PS)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 2 single-door cabinets (RSC50 2.0 A1)

720 kg

RSC50 2.0 L	1	050001051

RSC50 2.0

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 single-door cabinet (RSC50 2.0 A1)
- 1 worktop, 750x**700** mm (RSC50 2.0 NPG/1-0.7MT)
- 1 worktop, 2,240x**700** mm (RSC50 2.0 NPG/3-2.2MT)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 4 drawers (RSC50 2.0 M4)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed service module (RSC50 2.0 MS-AVV)

with compressed air hose reel item 1900S 8x10 (included)
- 1 tool wall system with aluminium shutter and framework (RSC50 2.0 PS)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door cabinet (RSC50 2.0 A2)

604 kg

RSC50 2.0	1	050001001

RSC50 2.0 H

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 2.240x**700** mm (RSC50 2.0 NPG/3-2,2MT)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed module with built-in sink (RSC50 2.0 ML)
- 4 wall-mounted cabinets (RSC50 2.0 PM)
- 4 upper perforated tool panels (RSC50 2.0 PFS)
- 4 lower perforated tool panels (RSC50 2.0 PFI)
- 4 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 single-door cabinet (RSC50 2.0 A1)

464 kg

RSC50 2.0 H	1	050001041

RSC50 2.0 G

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 2,240x**700** mm (RSC50 2.0 NPG/3-2.2MT)
- 1 fixed service module (RSC50 2.0 MS-2AVV) with compressed air hose reel item 1900S 8x10 and cable reel item 1844 15-H05/SCK (included)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 4 drawers (RSC50 2.0 M4)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door cabinet (RSC50 2.0 A2)

416 kg

RSC50 2.0 G	1	050001036

RSC50 2.0 F

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 2,240x**700** mm (RSC50 2.0 NPG/3-2.2MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door cabinet (RSC50 2.0 A2)

411 kg

RSC50 2.0 F	1	050001031

RSC50 2.0 FX

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop (2,240x**700** mm) made from stainless steel coated MDF (RSC50 2.0 PX/3-2.2MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door tool cabinet (RSC50 2.0 A2)

405 kg

RSC50 2.0 FX	1	050001032

RSC50 2.0 FW

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop (2,240x**700** mm) made from multi-ply wood (RSC50 2.0 PW/3-2.2MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door tool cabinet (RSC50 2.0 A2)

386 kg

RSC50 2.0 FW	1	050001033

RSC50 2.0 E

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 2,240x**700** mm (RSC50 2.0 NPG/3-2.2MT)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)

310 kg

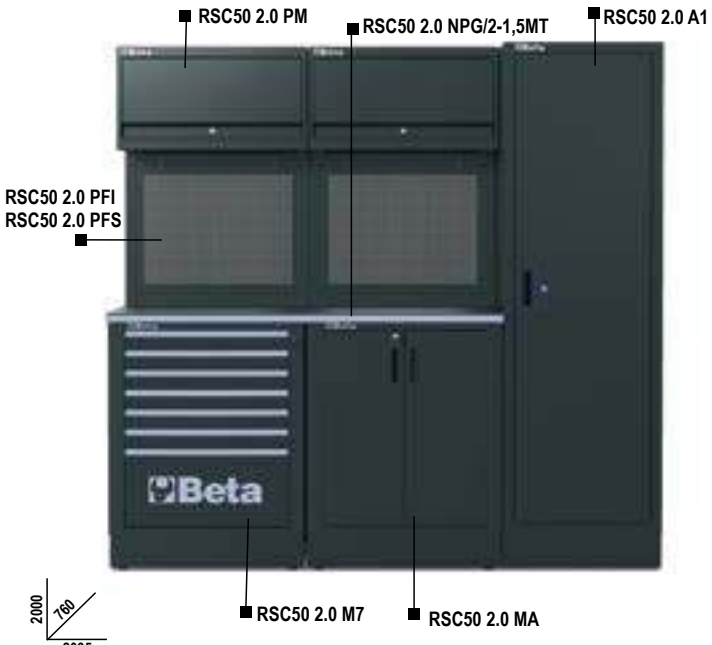
RSC50 2.0 E	1	050001026	2000 / 760 / 2240

RSC50 2.0 D

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 1,495x**700** mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 single-door cabinet (RSC50 2.0 A1)

276 kg



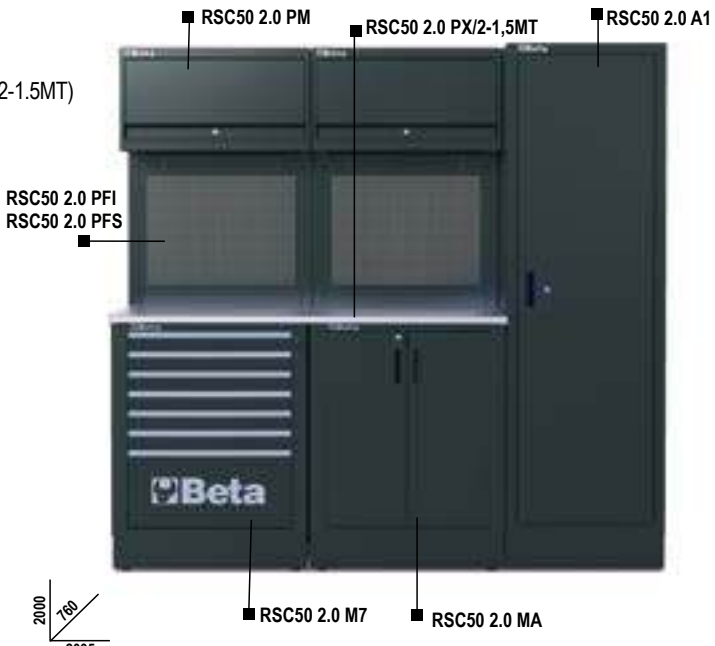
RSC50 2.0 D	1	050001021	2000 / 760 / 2095

RSC50 2.0 DX

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop (1,495x**700** mm) made from stainless steel coated MDF (RSC50 2.0 PX/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 one-door tool cabinet (RSC50 2.0 A1)

275 kg



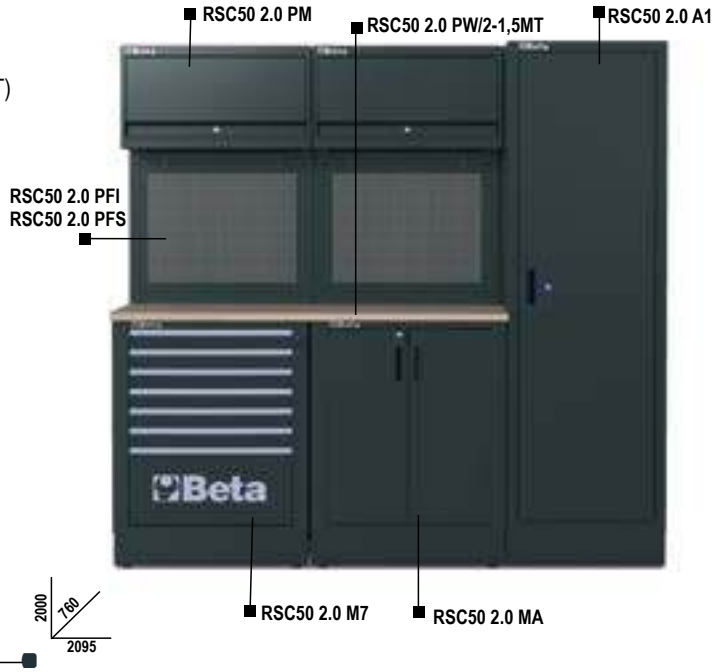
RSC50 2.0 DX	1	050001023	2000 / 760 / 2095

RSC50 2.0 DW

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop (1,495x**700** mm) made from multi-ply wood (RSC50 2.0 PW/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 one-door tool cabinet (RSC50 2.0 A1)

263 kg



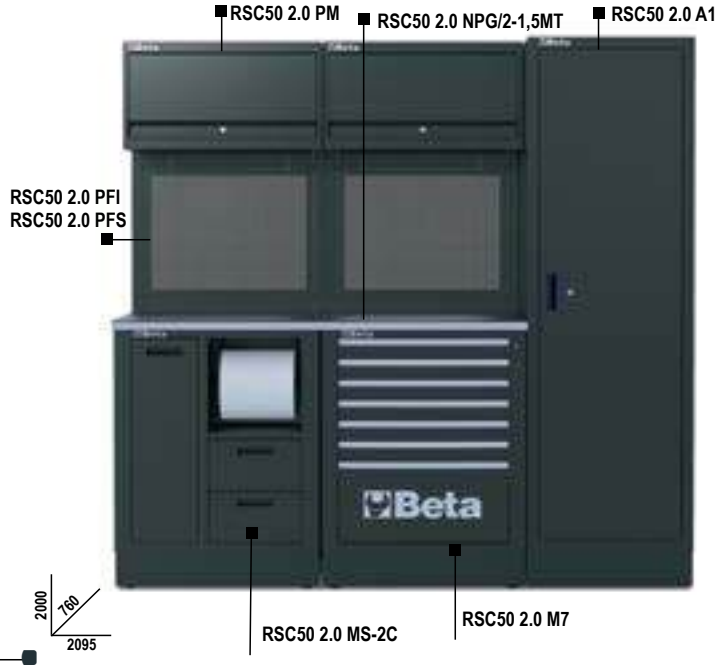
RSC50 2.0 DW	1	050001024

RSC50 2.0 C

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 1,495x**700** mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 single-door cabinet (RSC50 2.0 A1)

279 kg



RSC50 2.0 C	1	050001016

RSC50 2.0 B

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 1,495x**700** mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed two-door module (RSC50 2.0 MA)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 tool wall system with aluminium shutter and framework (RSC50 2.0 PS)

224 kg

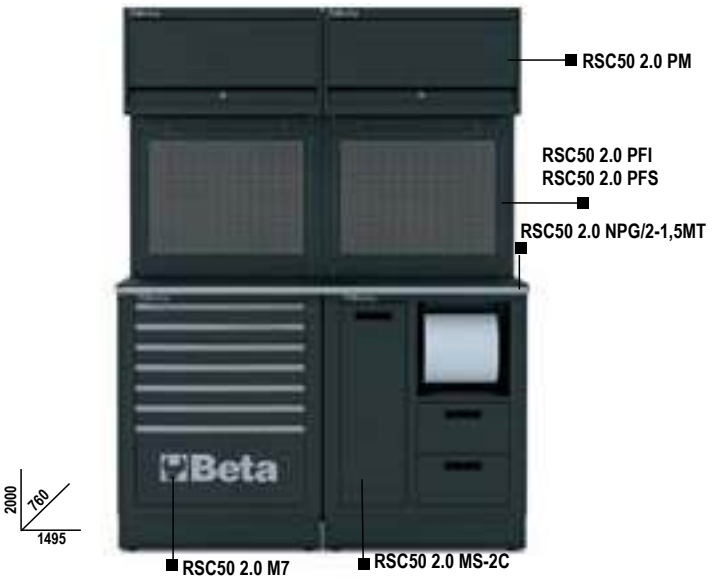
RSC50 2.0 B	1	050001011

RSC50 2.0 A

workshop equipment combination RSC50 2.0

Combination comprising the following:
- 1 worktop, 1,495x**700** mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)

212 kg



RSC50 2.0 A	1	050001006

RSC50 2.0 NP/1-0,7MT

worktop made from sheet metal, 0.75 m long,
for workbench, for workshop equipment combination RSC50 2.0
Worktop (750x**700** mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons.
Supplied complete with two exterior side pads.

Holes on both sides for a vice (1599P/125, to be ordered separately).
Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light under-workbench modules.

18,9 kg

RSC50 2.0 NPA/1-0,7MT	1	050001117
RSC50 2.0 NPG/1-0,7MT	1	050001118

RSC50 2.0 NP/2-1,5MT

worktop made from sheet metal, 1.5 m long,
for workbench, for workshop equipment combination RSC50 2.0
Worktop (1,495x**700** mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons.
Supplied complete with two side pads.

Holes on both sides for a vice (1599P/125, to be ordered separately).
Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light under-workbench modules.

31 kg

RSC50 2.0 NPA/2-1,5MT	1	050001124
RSC50 2.0 NPG/2-1,5MT	1	050001125

RSC50 2.0 NP/3-2,2MT

worktop made from sheet metal, 2.2 m long,
for workbench, for workshop equipment combination RSC50 2.0
Worktop (2,240x**700** mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons.
Supplied complete with two exterior side pads.

Holes on both sides for a vice (1599P/125, to be ordered separately).
Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light under-workbench modules.

44,9 kg

RSC50 2.0 NPA/3-2,2MT	1	050001132
RSC50 2.0 NPG/3-2,2MT	1	050001133

RSC50 2.0 PW/1-0,7MT

worktop made from multi-ply wood, 0.75 m long,
for workbench, for workshop equipment combination RSC50 2.0

Worktop (750x**700** mm) made from multi-ply wood.
Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

12,9 kg

RSC50 2.0 PW/1-0,7MT	1	050001126

RSC50 2.0 PX/1-0,7MT

worktop made from stainless steel coated MDF, 0.75 m long, for workbench,
for workshop equipment combination RSC50 2.0
Worktop (750x**700** mm) made from stainless steel coated MDF.
Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

18,9 kg

RSC50 2.0 PX/1-0,7MT	1	050001127

RSC50 2.0 PW/2-1,5MT

worktop made from multi-ply wood, 1.5 m long,
for workbench, for workshop equipment combination RSC50 2.0

Worktop (1,495x**700** mm) made from multi-ply wood.
Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

21,9 kg

RSC50 2.0 PW/2-1,5MT	1	050001130

RSC50 2.0 PX/2-1,5MT

worktop made from stainless steel coated MDF, 1.5 m long, for workshop equipment combination RSC50 2.0

Worktop (1,495x**700** mm) made from stainless steel coated MDF.
Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

33,9 kg

RSC50 2.0 PX/2-1,5MT	1	050001131

RSC50 2.0 PW/3-2,2MT

worktop made from multi-ply wood, 2.2 m long,
for workbench, for workshop equipment combination RSC50 2.0

Worktop (2,240x**700** mm) made from multi-ply wood
Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

30,9 kg

RSC50 2.0 PW/3-2,2MT	1	050001136

RSC50 2.0 PX/3-2,2MT

worktop made from stainless steel coated MDF, 2.2 m long, for workbench,
for workshop equipment combination RSC50 2.0
Worktop (2,240x**700** mm) made from stainless steel coated MDF.
Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

48,9 kg

RSC50 2.0 PX/3-2,2MT	1	050001137

RSC50 2.0 RB

shock-proof, non-scratch PVC coat, resistant to hydrocarbons, for workshop equipment combination RSC50

A must-have for protecting worktops.

RSC50 RB/0.75: for 750-mm-long worktop
RSC50 RB/0.96: for corner worktop, 964x964 mm
RSC50 RB/1.5: for 1,495-mm-long worktop
RSC50 RB/2.2: for 2,240-mm-long worktop

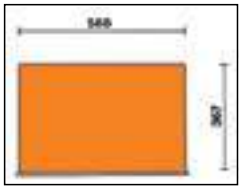
RSC50 2.0 RB/0,75	1	050001160
RSC50 2.0 RB/0,96	1	050001161
RSC50 2.0 RB/1,5	1	050001162
RSC50 2.0 RB/2,2	1	050001163

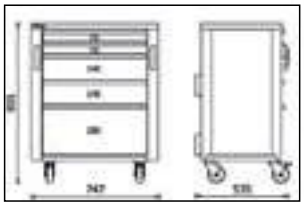
RSC50 2.0 C5

mobile roller cab with 5 drawers, for workshop equipment combination RSC50 2.0

- 5 drawers (588x367 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg





58 kg

RSC50 2.0 C5	1	050001205

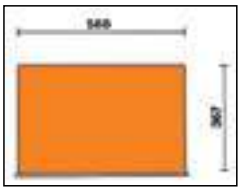
RSC50 2.0 C6

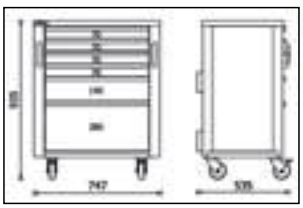
mobile roller cab with 6 drawers, for workshop equipment combination RSC50 2.0

- 6 drawers (588x367 mm) with ball bearing slides
- 4 steering castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

61 kg

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg





RSC50 2.0 C6	1	050001206

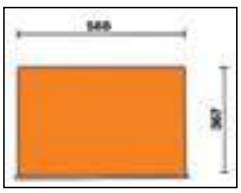
RSC50 2.0 C7

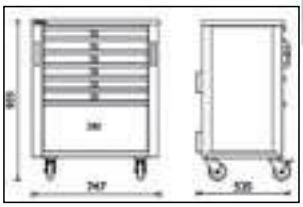
mobile roller cab with 7 drawers, for workshop equipment combination RSC50 2.0

- 7 drawers (588x367 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

62 kg

h	max
70 mm	25 kg
280 mm	35 kg





RSC50 2.0 C7	1	050001207

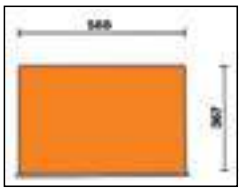
RSC50 2.0 C8

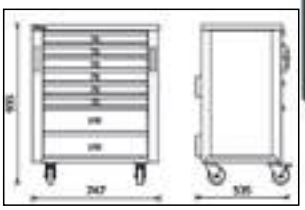
mobile roller cab with 8 drawers, for workshop equipment combination RSC50 2.0

- 8 drawers (588x367 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

64 kg

h	max
70 mm	25 kg
140 mm	30 kg





RSC50 2.0 C8	1	050001208

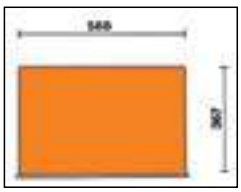
RSC50 2.0 M4

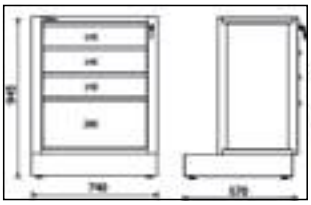
fixed module with 4 drawers, for workshop equipment combination RSC50 2.0

- 4 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

61,5 kg

h	max
140 mm	30 kg
280 mm	35 kg





RSC50 2.0 M4	1	050001264

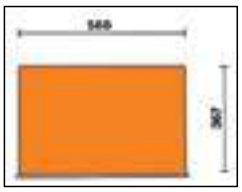
RSC50 2.0 M5

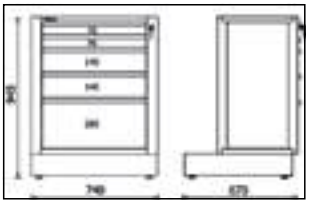
fixed module with 5 drawers, for workshop equipment combination RSC50 2.0

- 5 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

63,5 kg

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg





RSC50 2.0 M5	1	050001265

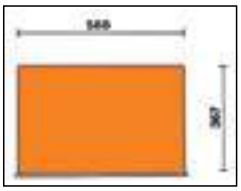
RSC50 2.0 M6

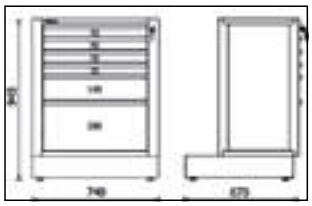
fixed module with 6 drawers, for workshop equipment combination RSC50 2.0

- 6 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

65,5 kg

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg





RSC50 2.0 M6		1	050001226

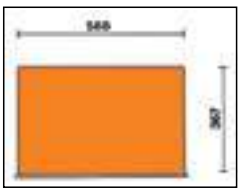
RSC50 2.0 M7

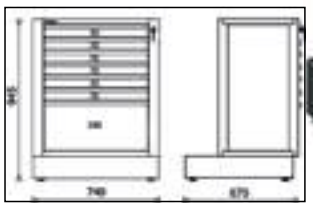
fixed module with 7 drawers, for workshop equipment combination RSC50 2.0

- 7 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

67,5 kg

h	max
70 mm	25 kg
280 mm	35 kg





RSC50 2.0 M7		1	050001267

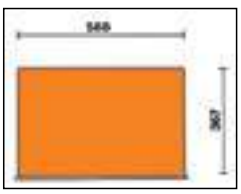
RSC50 2.0 M8

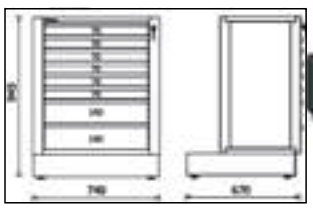
fixed module with 8 drawers, for workshop equipment combination RSC50 2.0

- 8 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

69,5 kg

h	max
70 mm	25 kg
140 mm	30 kg





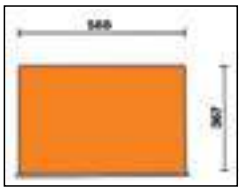
RSC50 2.0 M8		1	050001268

RSC50 2.0 M10

fixed module with 10 drawers, for workshop equipment combination RSC50 2.0

- 10 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

h	max
70 mm	25 kg



76 kg

RSC50 2.0 M10	1	050001231

RSC50 2.0 MS-2C

fixed service module, for workshop equipment combination RSC50 2.0

- Built-in waste bin
- Paper roll compartment
- Two drawers, 310x370 mm, 180 mm high, with ball bearing slides (interior dimensions)
- With vertically adjustable feet

49 kg

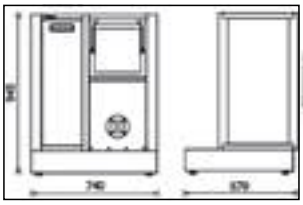
RSC50 2.0 MS-2C	1	050001283

RSC50 2.0 MS-AVV

fixed service module, for workshop equipment combination RSC50 2.0, empty

Can accommodate one reel, to be chosen from the following models:
- compressed air hose reel item 1900S 8x10
- cable reels items 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1844 15-H05/SCK, 1844 15-H07/SCK, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05

- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet



49 kg

RSC50 2.0 MS-AVV	1	050001281

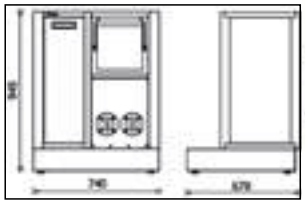
RSC50 2.0 MS-2AVV

fixed service module, for workshop equipment combination RSC50 2.0, empty

Can accommodate two reels, to be chosen from the following models:
- compressed air hose reel item 1900S 8x10
- cable reels items 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1844 15-H05/SCK, 1844 15-H07/SCK, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05

• Built-in waste bin
• Paper roll compartment
• With vertically adjustable feet

50 kg



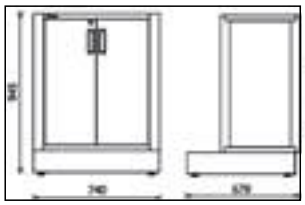
RSC50 2.0 MS-2AVV	1	050001282

RSC50 2.0 MA

fixed two-door module, for workshop equipment combination RSC50 2.0

• With lock
• Vertically adjustable interior shelf
• Interior dimensions: 615x435x740 mm
• With vertically adjustable feet

46 kg



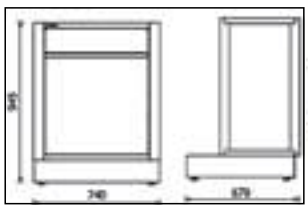
RSC50 2.0 MA	1	050001262

RSC50 2.0 CS

fixed sorted waste collection module, for workshop equipment combination RSC50 2.0

• Pull-out waste compartment (588x355x580 mm) with ball bearing slides
• 2 capacious pull-out interior containers for sorting waste
• With vertically adjustable feet

48 kg



RSC50 2.0 CS	1	050001285

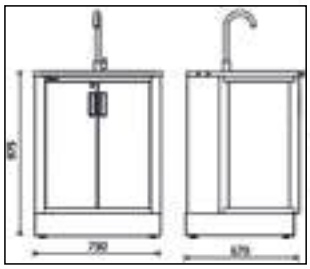
RSC50 2.0 ML

fixed module with built-in sink, for workshop equipment combination RSC50 2.0

Technical specifications:
- Stainless steel basin
- Supplied complete with:
  1 mixer tap
  1 drain unit
  1 sink stopper
  1 filter cap
  1 soap dispenser

Fixed two-door module with lock:
- Usable interior dimensions: 615x435x575 mm
- With vertically adjustable feet

39 kg



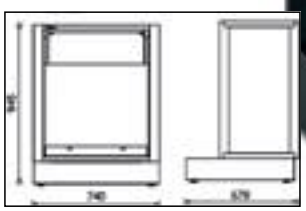
RSC50 2.0 ML	1	050001284

RSC50 2.0 MDO

fixed oil distribution module for workshop equipment combination RSC50 2.0

- 2 hose reels 7 m - 1/2" included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
  - Max. flow rate: 30 l/min
  - Viscosity: 8÷2000 mPas
- With vertically adjustable feet

92 kg



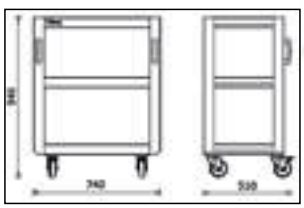
RSC50 2.0 MDO	1	050001290

RSC50 2.0 T3

3-tier tool trolley, for workshop equipment combination RSC50 2.0

- 4 swivel castors, Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed over 3 shelves)

23 kg



RSC50 2.0 T3	1	050001253

RSC50 2.0 KPF

kit of perforated tool panels, for workshop equipment combination RSC50 2.0

Kit contents:
- One upper perforated tool panel, 650x400x25 mm
- One lower perforated tool panel, 650x625x25 mm, can accommodate a 19" rack multi-socket (not included)
- One pair of right/left uprights

525

17,5 kg

RSC50 2.0 KPF	1	050001310

RSC50 2.0 PFS

upper perforated tool panel, for workshop equipment combination RSC50 2.0

- Perforated tool panel, 650x400x25 mm

3 kg

525

RSC50 2.0 PFS	1	050001312

RSC50 2.0 PFI

lower perforated tool panel, for workshop equipment combination RSC50 2.0

- Lower perforated tool panel, 650x625x25 mm
- Can accommodate a 19" rack multi-socket (not included)

4,5 kg

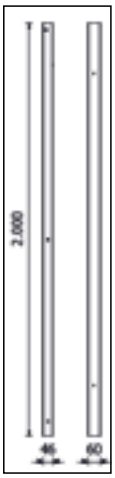
525

RSC50 2.0 PFI	1	050001313

RSC50 2.0 P/2MDX-SX

pair of right/left uprights for perforated tool wall systems, for workshop equipment combination RSC50 2.0

8,5 kg



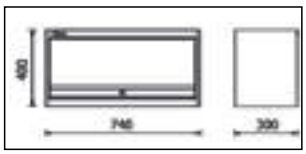
RSC50 2.0 P/2MDX-SX	1	050001352

RSC50 2.0 PM

wall-mounted cabinet, for workshop equipment combination RSC50 2.0

- Dimensions: 740x300x400 mm
- Fitted with gas springs, making it easier to open and close door
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light working area beneath and/or interior of suspended cabinet.

15 kg



RSC50 2.0 PM	1	050001302

RSC50 2.0 MTP

triangular shelf, for workshop equipment combination RSC50 2.0

- Dimensions: 740x300x400 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light working area beneath

5 kg

RSC50 2.0 MTP	1	050001305

RSC50 2.0 PS

tool wall system with shutter, for workshop equipment combination RSC50 2.0

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panels
- Supplied with framework
- 50-hook GPS kit included

80 kg

RSC50 2.0 PS	1	050001360

RSC50 2.0 NAC

self-supporting complete corner,
for workshop equipment combination RSC50 2.0

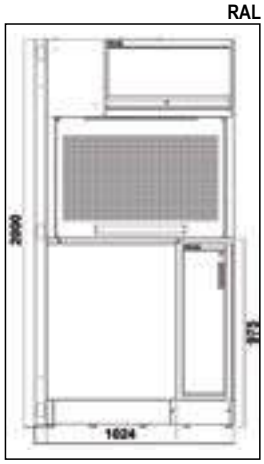
- Corner worktop (964x964) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (869x1,027 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

143 kg

RAL 7016

RSC50 2.0 NAC-A

RAL 7046



RSC50 2.0 NAC-G

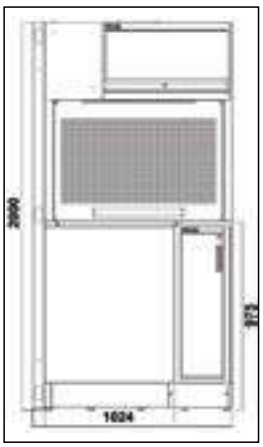
RSC50 2.0 NAC-A	1	050001339
RSC50 2.0 NAC-G	1	050001340

RSC50 2.0 NAC-W

self-supporting complete corner, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from multi-ply wood
- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (869x1,027 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

139 kg



RSC50 2.0 NAC-W

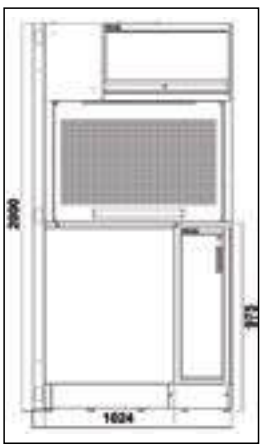
RSC50 2.0 NAC-W	1	050001327

RSC50 2.0 NAC-X

self-supporting complete corner, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from stainless steel coated MDF
- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (869x1,027 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

148 kg



RSC50 2.0 NAC-X

RSC50 2.0 NAC-X	1	050001328

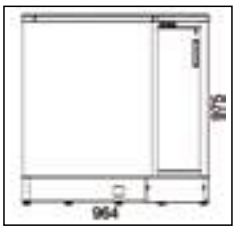
RSC50 2.0 KNAI

lower corner module, for workshop equipment combination RSC50 2.0

- Worktop (964x964 mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Fixed corner module with large storage compartment
- With vertically adjustable feet

80 kg

RSC50 2.0 KNAI-A



RSC50 2.0 KNAI-G

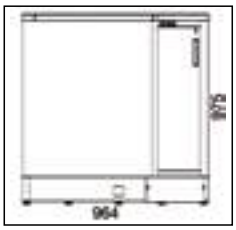
RSC50 2.0 KNAI-A	1	050001345
RSC50 2.0 KNAI-G	1	050001346

RSC50 2.0 KNAI-W

lower corner module, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from multi-ply wood
- Fixed corner module with large storage compartment
- With vertically adjustable feet

76 kg



RSC50 2.0 KNAI-W

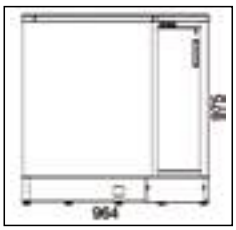
RSC50 2.0 KNAI-W		1	050001337

RSC50 2.0 KNAI-X

lower corner module, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from stainless steel coated MDF
- Fixed corner module with large storage compartment
- With vertically adjustable feet

85 kg



RSC50 2.0 KNAI-X

RSC50 2.0 KNAI-X		1	050001338

RSC50 2.0 A1

sheet metal single-door tool cabinet,
for workshop equipment combination RSC50 2.0

- 4 removable, vertically adjustable shelves
- Convenient folding clothes rail under first shelf
- With lock
- Sheet metal door can be installed with right or left opening
- Interior dimensions: 596x605 mm
- With vertically adjustable feet

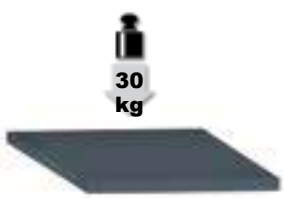
67 kg

RSC50 2.0 A1		1	050001411

RSC50 2.0 A1/R59

interior shelf for tool cabinet RSC50 A1

3,1 kg



RSC50 2.0 A1/R59	mm 596x605 mm	1	050001913

RSC50 2.0 A1/RB59

interior shelf for tool cabinet RSC50 A1, with clothes rail

3,4 kg

	mm		
RSC50 2.0 A1/RB59	596x605 mm	1	050001914

RSC50 2.0 A2

sheet metal two-door tool cabinet, for workshop equipment combination RSC50 2.0

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions: 911x605 mm
- With vertically adjustable feet

85 kg

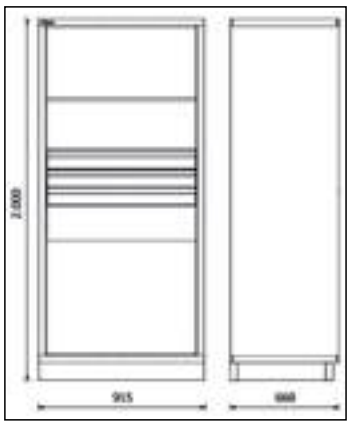
RSC50 2.0 A2	1	050001412

RSC50 2.0 A2/3C

sheet metal two-door tool cabinet with 3 drawers, for workshop equipment combination RSC50 2.0

- 4 removable, vertically adjustable shelves
- **Supplied complete with 3-drawer (661x360 mm) module**
- Front lock
- Interior dimensions: 911x605 mm
- With vertically adjustable feet

105,50 kg

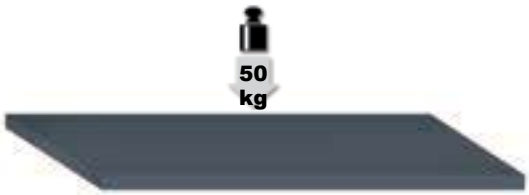


RSC50 2.0 A2/3C	1	050001413

RSC50 2.0 A2/R91

interior shelf for tool cabinet RSC50 A2

4,2 kg



	mm		
RSC50 2.0 A2/R91	911x605 mm	1	050001915

5000 RSC50 2.0/MP

shelf, for workshop equipment combination RSC50 2.0

• Dimensions: 740x140x80 mm
• Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light working area beneath

2,0 kg

5000 RSC50 2.0/MP	1	050001705

5000 RSC50 2.0/CLL

linear guard for workshop equipment combination RSC50 2.0

• Dimensions: 740x125x30 mm
• To be applied to perforated tool panels
• Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLEDC-ST (to be ordered separately), to light working area beneath

1 kg

5000 RSC50 2.0/CLL	1	050001710

5000 RSC50 2.0/KFC

kit of 10 coloured drawer fronts, for workshop equipment combination RSC50 2.0

To customize colour of drawer fronts for workshop equipment combination RSC50 2.0. Recommended for use in combination with worktops in anthracite grey RAL7016 (-A).

5000 RSC50 2.0/KFC2011		1	050001731
5000 RSC50 2.0/KFC3000		1	050001733
5000 RSC50 2.0/KFC5015		1	050001734
5000 RSC50 2.0/KFC7016		1	050001737

WORKSHOP EQUIPMENT C45PRO 2.0

WE ARE PROUD TO INTRODUCE THE 2.0 VERSION OF OUR SUCCESSFUL RANGE, C45PRO.

Based on the new **61.5-cm-long worktop**, this range stands out as even more convenient and professional, with a view to increasingly meeting the most demanding professionals' requirements.

The modular workshop equipment, **C45PRO 2.0**, allows you to create your own work environment according to both the amount of space you have available and your usage requirements.
This simple, flexible range based on predetermined combinations, can be expanded or changed in time. Alternatively, you can fully customize your workstation, starting with the worktops – available in stainless steel coated MDF or multi-ply wood – and supplementing them with the numerous parts and accessories you can choose from.

Tailor your work environment to suit your needs.
Make your workshop or garage look different.
Choose from the preassembled solutions or create your workstation from scratch.

Configure your workshop online

go to www.beta-tools.com

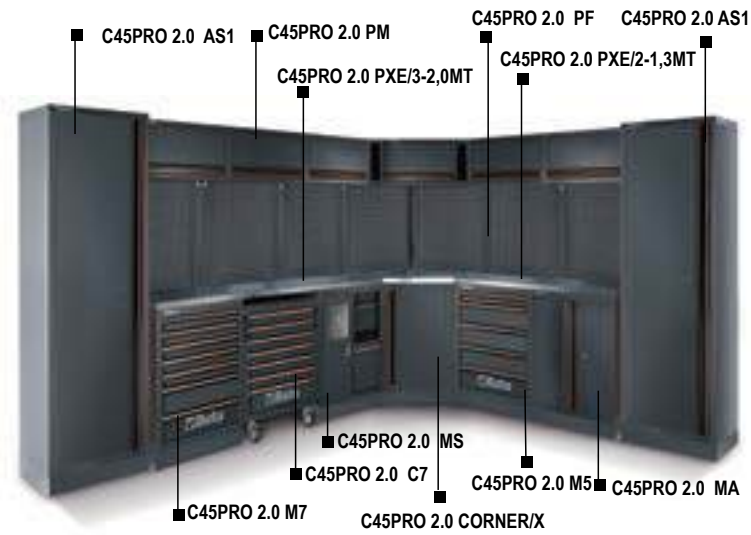
Beta C45PRO 2.0

C45PRO 2.0 DX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2.0MT)
- 1 stainless steel coated MDF worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PXE/2-1.3MT)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 fixed module with 5 drawers (C45PRO 2.0 M5)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO 2.0 CORNER/X)
- 5 perforated tool panels (C45PRO 2.0 PF)
- 5 wall-mounted cabinets (C45PRO 2.0 PM)
- 7 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

640 kg



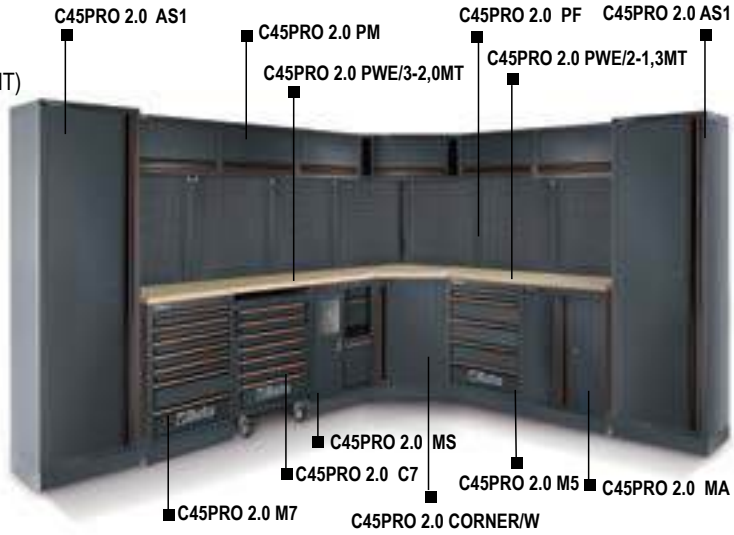
C45PRO 2.0 DX	1	045002031	2000 645 3718 3038

C45PRO 2.0 DW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 multi-ply wood worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 multi-ply wood worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PWE/2-1.3MT)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 fixed module with 5 drawers (C45PRO 2.0 M5)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with multi-ply wood worktop (C45PRO 2.0 CORNER/W)
- 5 perforated tool panels (C45PRO 2.0 PF)
- 5 wall-mounted cabinets (C45PRO 2.0 PM)
- 7 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

606 kg



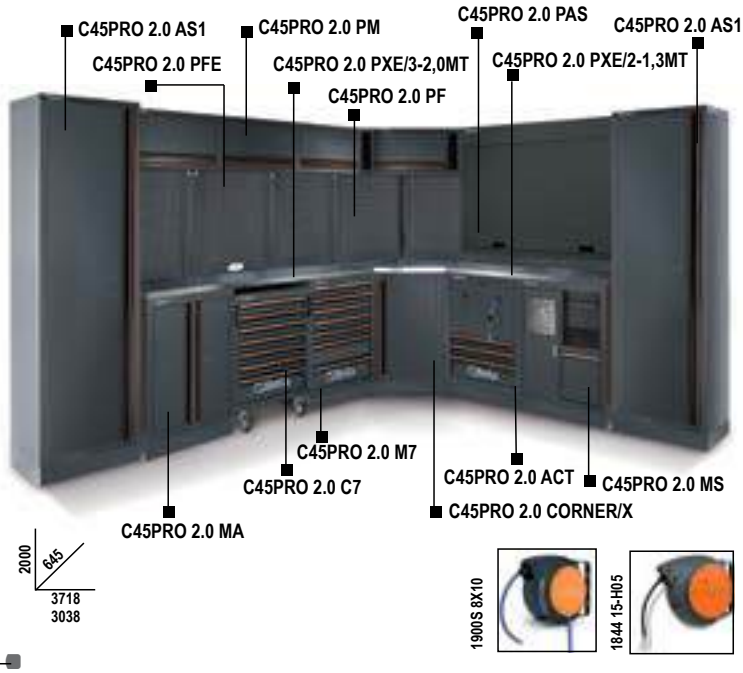
C45PRO 2.0 DW	1	045002032

C45PRO 2.0 FX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2,0MT)
- 1 stainless steel coated MDF worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PXE/2-1.3MT)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO 2.0 CORNER/X)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 6 wall brackets, wide type (C45PRO 2.0 SL)
- 4 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

658 kg



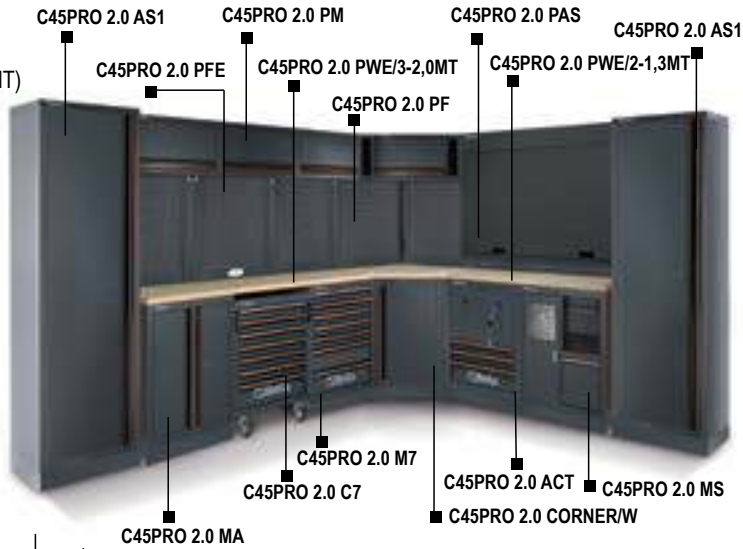
C45PRO 2.0 FX	1	045002035

C45PRO 2.0 FW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 multi-ply wood worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 multi-ply wood worktop, dimensions 1,60x**615** mm (C45PRO 2.0 PWE/2-1.3MT)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 self-supporting complete corner with multi-ply wood worktop (C45PRO 2.0 CORNER/W)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 6 wall brackets, wide type (C45PRO 2.0 SL)
- 4 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

625 kg



C45PRO 2.0 FW	1	045002045

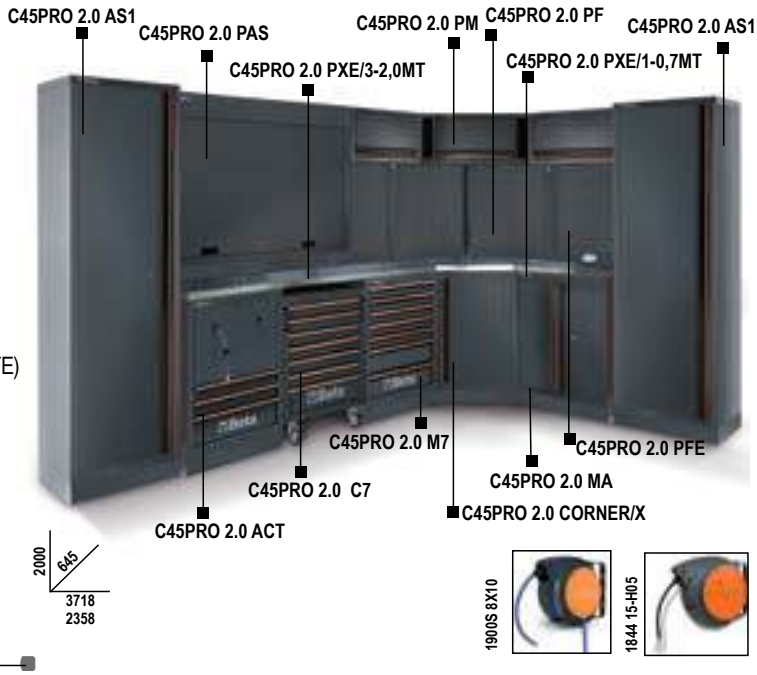
C45PRO 2.0 GX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2.0MT)
- 1 stainless steel coated MDF worktop, dimensions 680x**615** mm (C45PRO 2.0 PXE/1-0.7MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO 2.0 CORNER/X)
- 1 perforated tool panel (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 5 wall brackets, wide type (C45PRO 2.0 SL)
- 4 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

554 kg

C45PRO 2.0 GX	1	045002036



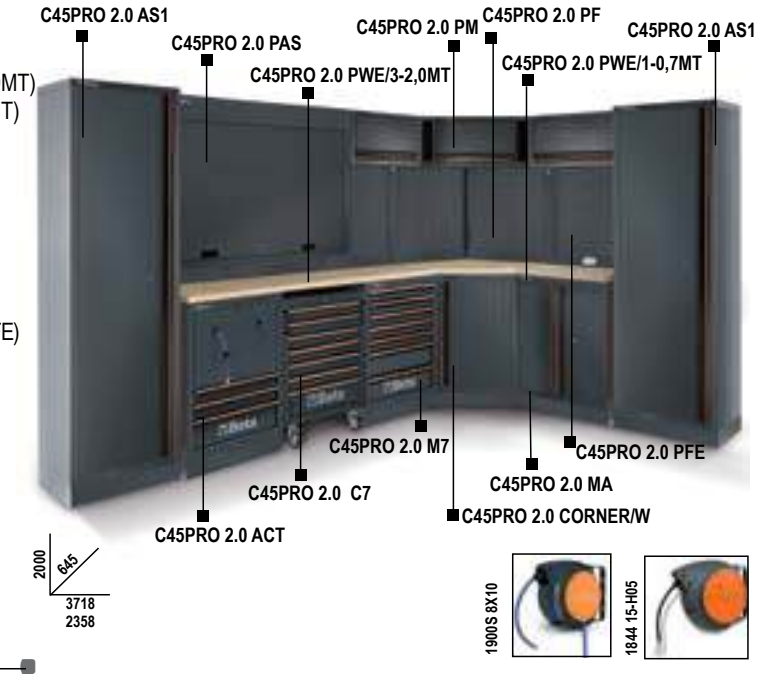
C45PRO 2.0 GW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 multi-ply wood worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 multi-ply wood worktop, dimensions 680x**615** mm (C45PRO 2.0 PWE/1-0.7MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with multi-ply wood worktop (C45PRO 2.0 CORNER/W)
- 1 perforated tool panel (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 6 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

551 kg

C45PRO 2.0 GW	1	045002037



C45PRO 2.0 X

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2.0MT)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- Mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- Fixed service module (C45PRO 2.0 MS)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Two-door cabinet (C45PRO 2.0 AS2)

334 kg

C45PRO 2.0 X	1	045002001

C45PRO 2.0 W

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Multi-ply wood worktop, dimensions 2.040x**615** mm (C45PRO 2.0 PWE/3-2,0MT)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- Mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- Fixed service module (C45PRO 2.0 MS)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Two-door cabinet (C45PRO 2.0 AS2)

318 kg

C45PRO 2.0 W	1	045002002

C45PRO 2.0 HX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2.0MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 4 drawers (C45PRO 2.0 M4)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- 1 two-door cabinet (C45PRO 2.0 AS2)

333 kg

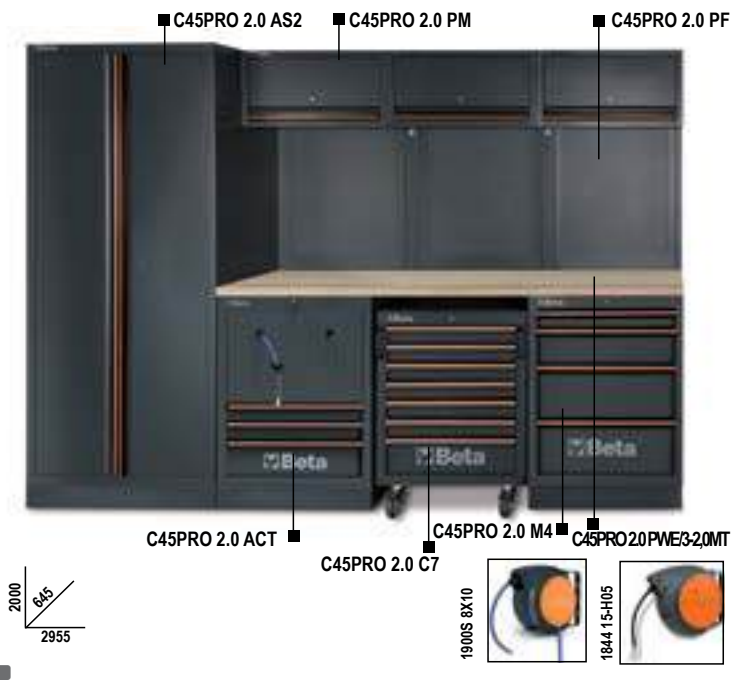
C45PRO 2.0 HX	1	045002038

C45PRO 2.0 HW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- 1 multi-ply wood worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 4 drawers (C45PRO 2.0 M4)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- 1 two-door cabinet (C45PRO 2.0 AS2)

318 kg



C45PRO 2.0 HW	1	045002039

C45PRO 2.0 AX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2.0MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed two-door module (C45PRO 2.0 MA)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

234,5 kg

C45PRO 2.0 AX	1	045002003

C45PRO 2.0 AW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Multi-ply wood worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PWE/3-2.0MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed two-door module (C45PRO 2.0 MA)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 wall brackets, wide type (C45PRO 2.0 SL)

219 kg

C45PRO 2.0 AW	1	045002004

C45PRO 2.0 BX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Stainless steel coated MDF worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PXE/2-1.3MT)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- Fixed two-door module (C45PRO 2.0 MA)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

206 kg

C45PRO 2.0 BX	1	045002021

C45PRO 2.0 BW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
• Multi-ply wood worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PWE/2-1.3MT)
• Fixed module with 5 drawers (C45PRO 2.0 M5)
• Fixed two-door module (C45PRO 2.0 MA)
• 2 wall-mounted cabinets (C45PRO 2.0 PM)
• 2 perforated tool panels (C45PRO 2.0 PF)
• 2 wall brackets, wide type (C45PRO 2.0 SL)
• 1 wall bracket, narrow type (C45PRO 2.0 SS)
• Single-door cabinet (C45PRO 2.0 AS1)

196 kg

C45PRO 2.0 BW	1	045002022

C45PRO 2.0 EX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
• 2 perforated tool panels (C45PRO 2.0 PF)
• 2 wall-mounted cabinets (C45PRO 2.0 PM)
• 2 wall brackets, wide type (C45PRO 2.0 SL)
• 1 wall bracket, narrow type (C45PRO 2.0 SS)
• 1 single-door cabinet (C45PRO 2.0 AS1)

• Fixed module with 7 drawers and stainless steel coated MDF worktop, dimensions 1,360x**615** mm (C45PRO 2.0 M7A/X):
• 1 drawer 1,248x406 mm
• 6 drawers 782x406 mm
5 drawers 65 mm high
1 drawer 145 mm high
• 1 storage compartment with intermediate shelf and door

203 kg

C45PRO 2.0 EX	1	045002033

C45PRO 2.0 EW

workshop equipment combination C45PRO 2.0

Combination comprising the following:

• 2 perforated tool panels (C45PRO 2.0 PF)
• 2 wall-mounted cabinets (C45PRO 2.0 PM)
• 2 wall brackets, wide type (C45PRO 2.0 SL)
• 1 wall bracket, narrow type (C45PRO 2.0 SS)
• 1 single-door cabinet (C45PRO 2.0 AS1)

• Fixed module with 7 drawers and multiply wood worktop, dimensions 1,360x**615** mm (C45PRO 2.0 M7A/W):
• 1 drawer 1,248x406 mm
• 6 drawers 782x406 mm
5 drawers 65 mm high
1 drawer 145 mm high
• 1 storage compartment with intermediate shelf and door

193 kg

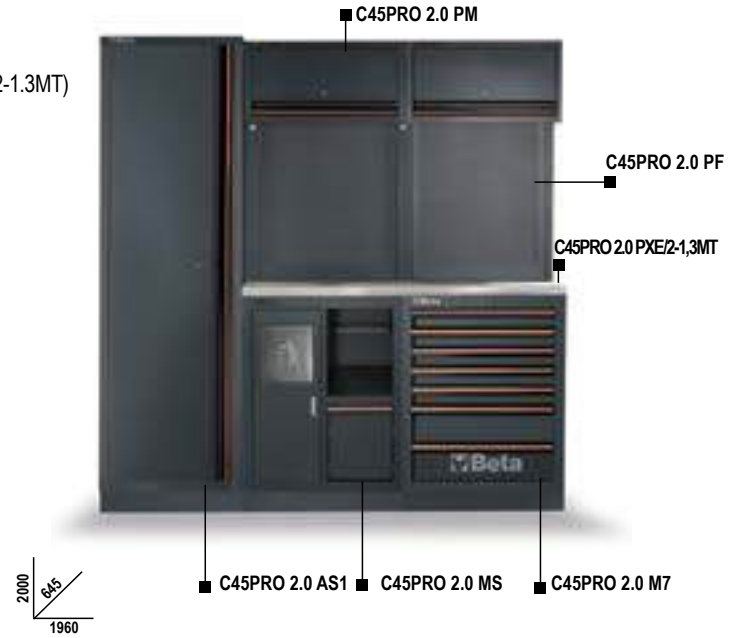
C45PRO 2.0 EW	1	045002034

C45PRO 2.0 CX

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Stainless steel coated MDF worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PXE/2-1.3MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

225 kg



C45PRO 2.0 CX	1	045002023

C45PRO 2.0 CW

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Multi-ply wood worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PWE/2-1.3MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

215 kg

C45PRO 2.0 CW	1	045002024

C45PRO 2.0 BPX-2,0

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Stainless steel coated MDF worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PXE/3-2.0MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

181 kg

C45PRO 2.0 BPX-2,0	1	045002042

C45PRO 2.0 BPW-2,0

workbenches for workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Multi-ply wood worktop, dimensions 2,040x**615** mm (C45PRO 2.0 PWE/3-2.0MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

165 kg

C45PRO 2.0 BPW-2,0	1	045002052

C45PRO 2.0 BPX-1,3

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Stainless steel coated MDF worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PXE/2-1.3MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 wall bracket, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

155 kg

C45PRO 2.0 BPX-1,3	1	045002041

C45PRO 2.0 BPW-1,3

workshop equipment combination C45PRO 2.0

Combination comprising the following:
- Multi-ply wood worktop, dimensions 1,360x**615** mm (C45PRO 2.0 PWE/2-1.3MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 wall bracket, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

145 kg

C45PRO 2.0 BPW-1,3	1	045002051

C45PRO 2.0 BLX

workbench for workshop equipment combination C45PRO 2.0

- Worktop (1,360x**615** mm) made from stainless steel coated MDF
- Sheet metal framework
- With vertically adjustable feet
- Can accommodate a vice (1599P/150, to be ordered separately)
- To be used only as an addition to a workshop equipment combination, not as a stand-alone element

C45PRO 2.0 BLX	1	045002156

C45PRO 2.0 BLW

workbench for workshop equipment combination C45PRO 2.0

- Worktop (1,360x**615** mm) made from multi-ply wood
- Sheet metal framework
- With vertically adjustable feet
- Can accommodate a vice (1599P/150, to be ordered separately)
- To be used only as an addition to a workshop equipment combination, not as a stand-alone element

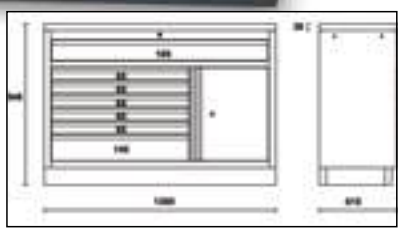
C45PRO 2.0 BLW	1	045002157

C45PRO 2.0 M7A/X

fixed module with 7 drawers, for workshop equipment combination C45PRO 2.0

- Worktop (1,360x**615** mm) made from stainless steel coated MDF
- 1 drawer (1,248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
5 drawers 65 mm high
1 drawer 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm
- Can accommodate a vice (1599P/150, to be ordered separately)

h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



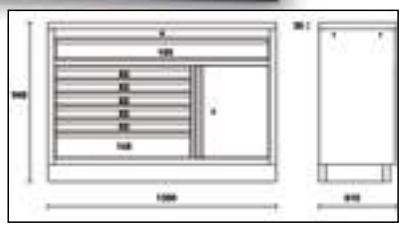
81 kg

C45PRO 2.0 M7A/X	1	045002161

C45PRO 2.0 M7A/W

fixed module with 7 drawers, for workshop equipment combination C45PRO 2.0

- Multi-ply wood worktop, 1,360x**615** mm
- 1 drawer (1,248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
5 drawers 65 mm high
1 drawer 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions, 504x424x597 mm
- Can accommodate a vice (1599P/150, to be ordered separately)



80 kg

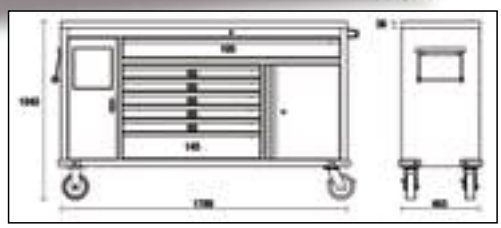
h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg

C45PRO 2.0 M7A/W	1	045002171	

C45PRO 2.0 MWS/X

Work Station roller cab with 7 drawers and built-in waste bin

- worktop (1680 mm) made of stainless steel coated MDF
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
5 drawers 65 mm high
1 drawer 145 mm high
- drawer bases protected by foamed rubber mats
- can be fitted with thermoformed trays
- storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm
- built-in waste bin
- built-in paper roll compartment
- 4 heavy-duty castors, Ø 150 mm, 2 fixed and 2 steering with brakes
- front centralised lock
- can accommodate a vice (1599P/150, to be ordered separately)



126 kg

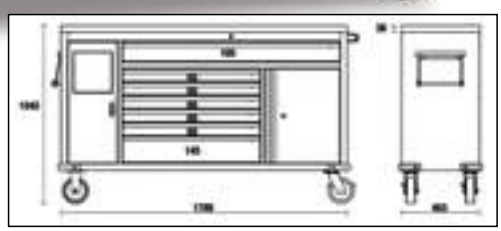
h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg

C45PRO 2.0 MWS/X	1	045000181	

C45PRO 2.0 MWS/W

Work Station roller cab with 7 drawers and built-in waste bin

- multi-ply wood worktop (1680 mm)
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
5 drawers 65 mm high
1 drawer 145 mm high
- drawer bases protected by foamed rubber mats
- can be fitted with thermoformed trays
- storage compartment with intermediate shelf and door, interior dimensions 504x424x597mm
- built-in waste bin
- built-in paper roll compartment
- 4 heavy-duty castors, Ø 150 mm, 2 fixed and 2 steering with brakes
- front centralised lock
- can accommodate a vice (1599P/150, to be ordered separately)



122 kg

h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg

C45PRO 2.0 MWS/W	1	045000191	

C45PRO 2.0 CPF

pair of perforated tool panels for mobile roller cab C45PRO MWS

Supplied complete with framework
50-hook GPS kit included

11 kg

C45PRO 2.0 CPF	1	045000195

C45PRO 2.0 PXE/1-0,7MT

worktop made from stainless steel coated MDF, 680x**615** mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 2 spacers and 2 exterior side pads

14 kg

C45PRO 2.0 PXE/1-0,7MT	1	045002131

C45PRO 2.0 PWE/1-0,7MT

worktop made from multi-ply wood, 680x**615** mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice 1599P/150 (to be ordered separately)
- complete with 2 spacers and 2 exterior side pads

8 kg

C45PRO 2.0 PWE/1-0,7MT	1	045002141

C45PRO 2.0 PXE/2-1,3MT

worktop made from stainless steel coated MDF, 1360x**615** mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 4 spacers and 2 exterior side pads

27 kg

C45PRO 2.0 PXE/2-1,3MT	1	045002133

C45PRO 2.0 PWE/2-1,3MT

worktop made from multi-ply wood, 1360x**615** mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 4 spacers and 2 exterior side pads

17 kg

C45PRO 2.0 PWE/2-1,3MT	1	045002143

C45PRO 2.0 PXE/3-2,0MT

worktop made from stainless steel coated MDF, 2040x**615** mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 6 spacers and 2 exterior side pads

41,5 kg

C45PRO 2.0 PXE/3-2,0MT	1	045002140

C45PRO 2.0 PWE/3-2,0MT

worktop made from multi-ply wood, 2040x**615** mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 6 spacers and 2 exterior side pads

26 kg

C45PRO 2.0 PWE/3-2,0MT	1	045002150

C45PRO 2.0 RB

shockproof, non-scratch PVC coat, resistant to hydrocarbons, for workshop equipment combination C45PRO 2.0

A must-have for protecting worktops.

C45PRO 2.0 RB/1.02: for corner worktop, 1.018 x 1.018 mm
C45PRO 2.0 RB/0.7: 680-mm-long worktop
C45PRO 2.0 RB/1.3: for 1,360-mm-long worktop
C45PRO 2.0 RB/2.0: for 2,040-mm-long worktop

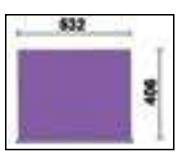
C45PRO 2.0 RB/0,7	1	045002180
C45PRO 2.0 RB/1,02	1	045002181
C45PRO 2.0 RB/1,3	1	045002182
C45PRO 2.0 RB/2,0	1	045002183

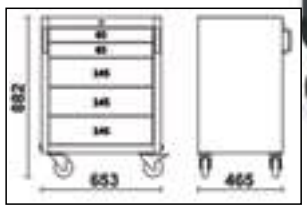
C45PRO 2.0 C5

mobile roller cab with 5 drawers, for workshop equipment combination C45PRO 2.0

- ABS worktop with anti-fall edges
- 5 drawers (532x406 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

h	max
65 mm	25 kg
145 mm	30 kg





46 kg

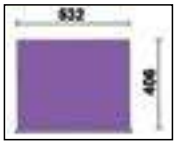
C45PRO 2.0 C5	1	045000226

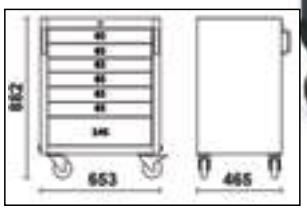
C45PRO 2.0 C7

mobile roller cab with 7 drawers, for workshop equipment combination C45PRO 2.0

- ABS worktop with anti-fall edges
- 7 drawers (532x406 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

h	max
65 mm	25 kg
145 mm	30 kg





50 kg

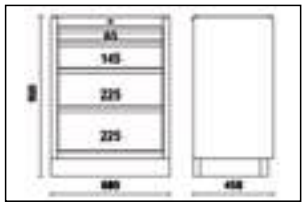
C45PRO 2.0 C7	1	045000228

C45PRO 2.0 M4

fixed module with 4 drawers, for workshop equipment combination C45PRO 2.0

- 4 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

h	max
65 mm	25 kg
145 mm	30 kg
225 mm	30 kg



46,7 kg

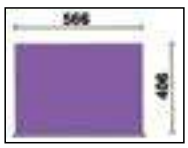
C45PRO 2.0 M4	1	045000234

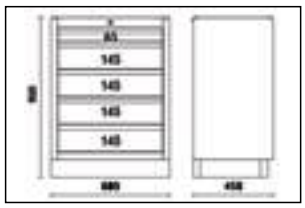
C45PRO 2.0 M5

fixed module with 5 drawers, for workshop equipment combination C45PRO 2.0

- 5 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

h	max
65 mm	25 kg
145 mm	30 kg





49,3 kg

C45PRO 2.0 M5	1	045000235

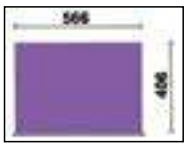
C45PRO 2.0 M7

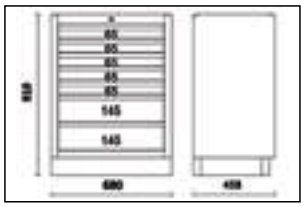
fixed module with 7 drawers, for workshop equipment combination C45PRO 2.0

- 7 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

54,3 kg

h	max
65 mm	25 kg
145 mm	30 kg





C45PRO 2.0 M7	1	045000237

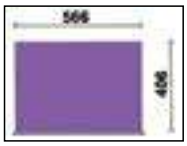
C45PRO 2.0 M8

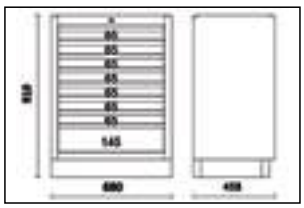
fixed module with 8 drawers, for workshop equipment combination C45PRO 2.0

- 8 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

56,8 kg

h	max
65 mm	25 kg
145 mm	30 kg





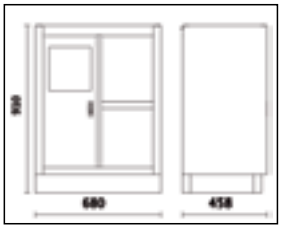
C45PRO 2.0 M8	1	045000238

C45PRO 2.0 MS

fixed service module, for workshop equipment combination C45PRO 2.0

- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet

37 kg



C45PRO 2.0 MS	1	045000239

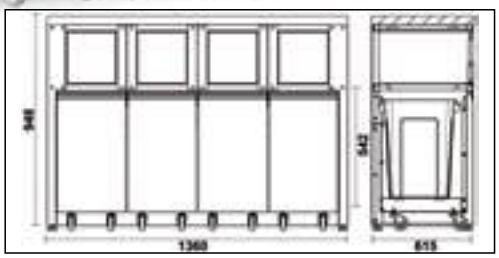
C45PRO 2.0 RD/X

fixed sorted waste collection module, for workshop equipment combination C45PRO 2.0

- Stainless steel coated MDF worktop (1360x**615** mm)
- Sturdy sheet metal frame complete with 4 containers with up-and-over door for sorting waste
- Each container is fitted with:
  one removable plastic bin; capacity: 25 l
  4 swivel castors, Ø 60 mm
- Supplied with kit of 4 coloured adhesive tapes
- With vertically adjustable feet

80 kg

C45PRO 2.0 RD/X



C45PRO 2.0 RD/X	1	045002241

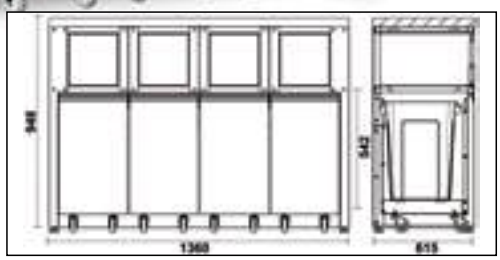
C45PRO 2.0 RD/W

fixed sorted waste collection module for workshop equipment combination C45PRO 2.0

- Multi-ply wood worktop (1,360x**615** mm)
- Sturdy sheet metal frame complete with 4 containers with up-and-over door for sorting waste
- Each container is fitted with:
  one removable plastic bin; capacity: 25 l
  4 swivel castors, Ø 60 mm
- Supplied with kit of 4 coloured adhesive tapes
- With vertically adjustable feet

80 kg

C45PRO 2.0 RD/W



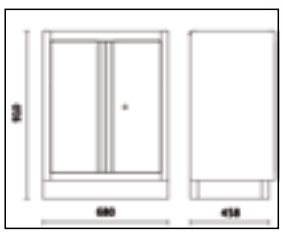
C45PRO 2.0 RD/W	1	045002240

C45PRO 2.0 MA

fixed two-door module, for workshop equipment combination C45PRO 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 670x420 mm
- With vertically adjustable feet

29,4 kg



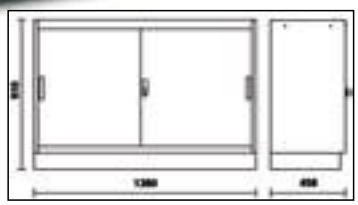
C45PRO 2.0 MA	1	045000232

C45PRO 2.0 MAL

fixed module, 1360 mm long, with 2 sheet metal doors,
for workshop equipment combination C45PRO 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 1,355x420 mm
- With vertically adjustable feet

44,8 kg



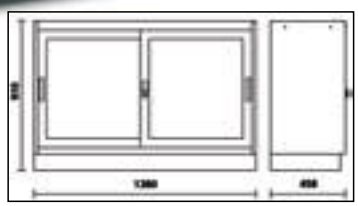
C45PRO 2.0 MAL	1	045000229

C45PRO 2.0 MAT

fixed module, 1360 mm long, with 2 clear polycarbonate doors,
for workshop equipment combination C45PRO 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 1,355x420 mm
- With vertically adjustable feet

44,1 kg



C45PRO 2.0 MAT	1	045000230

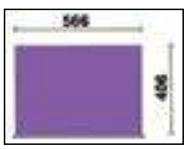
C45PRO 2.0 M3A

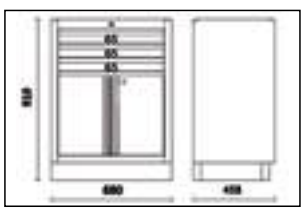
fixed module with 3 drawers and 2 doors,
for workshop equipment combination C45PRO 2.0

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Front centralized lock
- Storage compartment with double door and lock (interior dimensions 670x420 mm), complete with intermediate shelf
- With vertically adjustable feet

44 kg

h	max
65 mm	25 kg





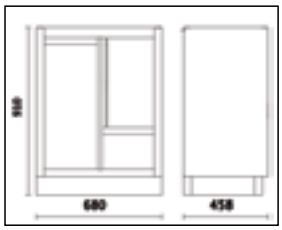
C45PRO 2.0 M3A	1	045000231

C45PRO 2.0 MRE

fixed module for charging power tools,
for workshop equipment combination C45PRO 2.0

- Pull-out side compartment with ball bearing slides, for storing power tools
- Fixed side compartment with door and lock for storing chargers and batteries, equipped with:
vertically adjustable shelf;
rubber-protected cable bushings;
ventilation slots;
- 1 drawer (256x400x190 mm), with ball bearing slides
- Front centralized lock
- Vertically adjustable feet

57 kg



C45PRO 2.0 MRE	1	045002242

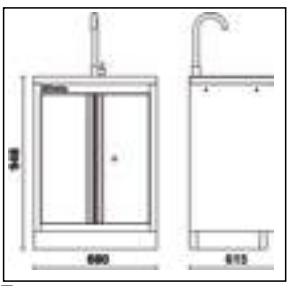
C45PRO 2.0 ML

fixed module with built-in sink, for workshop equipment combination C45PRO 2.0

Technical specifications:
- Stainless steel basin
- Supplied complete with:
1 mixer tap
1 drain unit
1 sink stopper
1 filter cap
1 soap dispenser

Fixed two-door module with lock:
- Usable interior dimensions: 600x603x416 mm
- With vertically adjustable feet

44 kg



C45PRO 2.0 ML	1	045002233

C45PRO 2.0 ACT

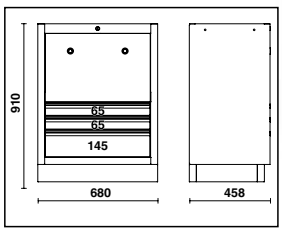
fixed module with 3 drawers and 2 built-in reels,
for workshop equipment combination C45PRO 2.0

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

Supplied complete with:
- 1 built-in compressed air or cold water hose reel, 8 mm, length 10 m item 1900S 8x10
- 1 built-in cable reel, length 15 m, item 1844 15-H05

50,7 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 ACT	1	045002247

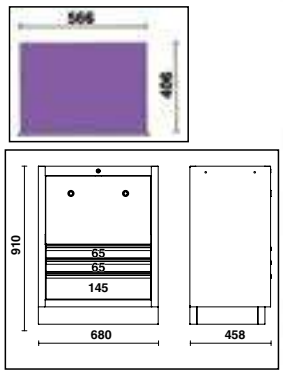
C45PRO 2.0 TC

fixed reel module with 3 drawers,
for workshop equipment combination C45PRO 2.0, empty

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

- Can accommodate 2 reels, to be chosen from the following:
 - 2 compressed air or cold water hose reels, 8 mm, length 10 m
 item 1900S 8x10
 - 2 cable reels, to be chosen from the following items: 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05
 - 1 compressed air or cold water hose reel, 8 mm, length 10 m
 item 1900S 8x10 and 1 cable reel, to be chosen from the above-mentioned items

h	max
65 mm	25 kg
145 mm	30 kg



40,9 kg

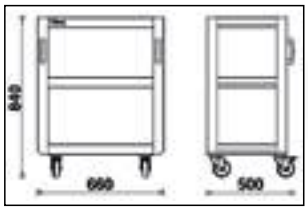
C45PRO 2.0 TC	1	045000249

C45PRO 2.0 T3

3-tier tool trolley, for workshop equipment combination C45PRO 2.0

- 4 swivel castors, Ø 100 mm (one with brake)
- Static load capacity: 200 kg (distributed over 3 shelves)

19,2 kg



C45PRO 2.0 T3	1	045000250

C45PRO 2.0 SS

side wall brackets, narrow type, for workshop equipment combination C45PRO 2.0

- Dimensions: 1420x32.5x30 mm

1,5 kg

C45PRO 2.0 SS	1	045000333

C45PRO 2.0 SL

side wall brackets, wide type, for workshop equipment combination C45PRO 2.0

- Dimensions: 1420x65x30 mm

2 kg

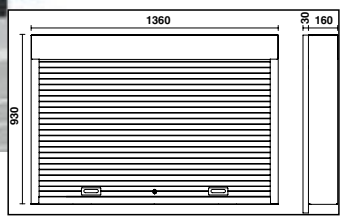
C45PRO 2.0 SL	1	045000366

C45PRO 2.0 PAS

tool wall system, for workshop equipment combination C45PRO 2.0

- Aluminium shutter, vertically adjustable, with lock
- Two removable perforated tool panels
- Can be used in combination with 1.3-m-long workbench
- 50-hook GPS kit included

49,7 kg



C45PRO 2.0 PAS	1	045000290

C45PRO 2.0 PF

perforated tool panel, for workshop equipment combination C45PRO 2.0

- Dimensions: 1052x614.5x24 mm

5,3 kg

C45PRO 2.0 PF	1	045000313

C45PRO 2.0 PFE

perforated tool panel, for workshop equipment combination C45PRO 2.0

- Dimensions: 1052x614.5x24 mm
- Can be fitted with 1 power socket (not included)

5,3 kg

C45PRO 2.0 PFE	1	045000312

C45PRO 2.0 MP

sheet metal shelf for perforated tool panels,
for workshop equipment combination C45PRO 2.0

Dimensions: 614x160x80 mm

2,1 kg

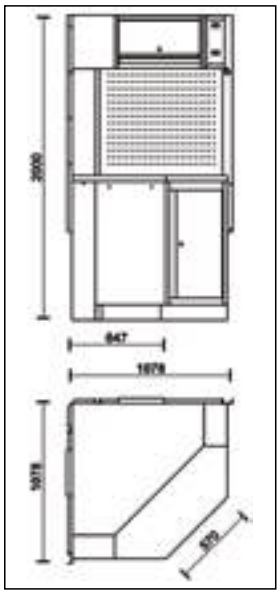
C45PRO 2.0 MP	1	045000315

C45PRO 2.0 CORNER/X

self-supporting complete corner, for workshop equipment combination C45PRO 2.0

- Suspended corner cabinet with lock and 2 storage compartments
- 2 perforated tool panels (1,052x800 mm)
- Stainless steel coated MDF corner worktop (1,018x1,018 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

127 kg



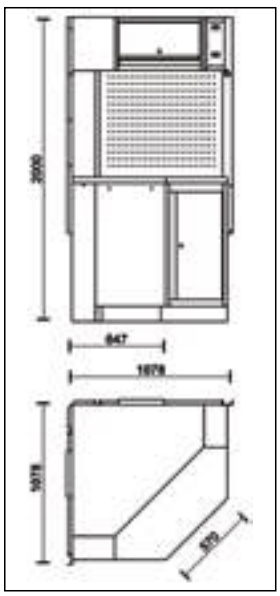
C45PRO 2.0 CORNER/X	1	045002401

C45PRO 2.0 CORNER/W

self-supporting complete corner, for workshop equipment combination C45PRO 2.0

- Suspended corner cabinet with lock and 2 storage compartments
- 2 perforated tool panels (1,052x800 mm)
- Multi-ply wood corner worktop (1,018x1,018 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

119 kg



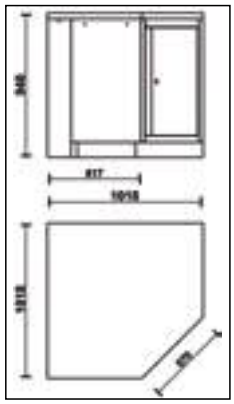
C45PRO 2.0 CORNER/W	1	045002411

C45PRO 2.0 CAI/X

lower corner module, for workshop equipment combination C45PRO 2.0

- Stainless steel coated MDF corner worktop (1,018x1,018 mm)
- Fixed corner module with large storage compartment
- With vertically adjustable feet

77 kg



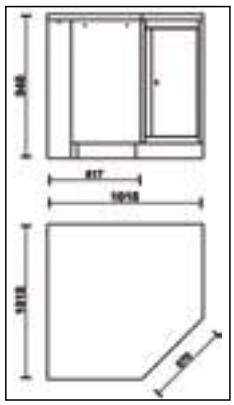
C45PRO 2.0 CAI/X		1	045002412

C45PRO 2.0 CAI/W

lower corner module, for workshop equipment combination C45PRO 2.0

- Multi-ply wood corner worktop (1,018x1,018 mm)
- Fixed corner module with large storage compartment
- With vertically adjustable feet

69 kg



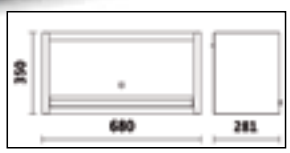
C45PRO 2.0 CAI/W		1	045002402

C45PRO 2.0 PM

wall-mounted cabinet, for workshop equipment combination C45PRO 2.0

- Cabinet length: 680 mm
- With gas springs, making it easier to open and close door
- With lock

10 kg



C45PRO 2.0 PM		1	045000302

SSPE

under-cabinet support for power tools

- For use only under suspended cabinet C45PRO 2.0 PM (workshop equipment C45PRO 2.0)
- With 5 convenient slots for accommodating power tools
- Dimensions: 680 x 280 x 150 mm

6 kg

SSPE		1	088880482

C45PRO 2.0 PML

wall-mounted cabinet, long, for workshop equipment combination C45PRO 2.0

- Cabinet length: 1360 mm
- With gas springs, making it easier to open and close door
- With lock

17 kg

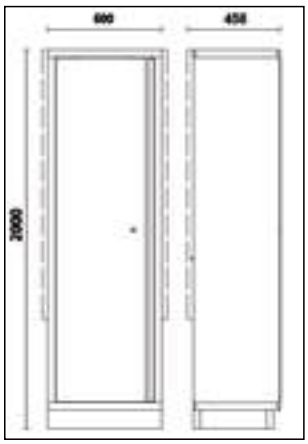
C45PRO 2.0 PML	1	045000303

C45PRO 2.0 AS1

sheet metal single-door tool cabinet with bracket,
for workshop equipment combination C45PRO 2.0

- 4 removable, vertically adjustable shelves
- Convenient folding clothes rail under first shelf
- With lock
- Sheet metal door can be installed with right or left opening
- Interior dimensions: 590x430 mm
- With vertically adjustable feet

57,5 kg

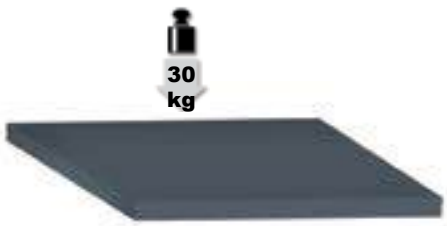


C45PRO 2.0 AS1	1	045000451

C45PRO 2.0 A1/R600

interior shelf for tool cabinet C45PRO AS1

2,5 kg

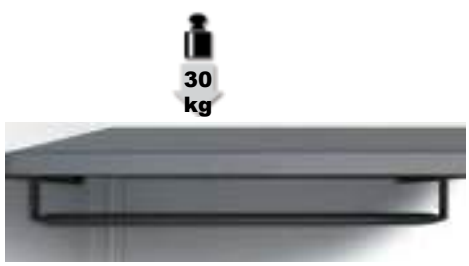


C45PRO 2.0 A1/R600	1	045000466

C45PRO 2.0 A1/RB600

interior shelf for tool cabinet C45PRO 2.0 AS1, with clothes rail

3,3 kg



C45PRO 2.0 A1/RB600	1	045000467

C45PRO 2.0 AS2

sheet metal two-door tool cabinet with bracket, for workshop equipment combination C45PRO 2.0

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions: 910x430 mm
- With vertically adjustable feet

80 kg

C45PRO 2.0 AS2	1	045000481

C45PRO 2.0 AS2/3C

sheet metal two-door tool cabinet with 3 drawers and bracket, for workshop equipment combination C45PRO 2.0

- 4 removable, vertically adjustable shelves
- **Supplied complete with 3-drawer (661x360 mm) module**
- Front lock
- Interior dimensions: 910x430 mm
- With vertically adjustable feet

100,5 kg

C45PRO 2.0 AS2/3C	1	045000482

C45PRO 2.0 A2/R915

Interior shelf for tool cabinet C45PRO 2.0 AS2

4,5 kg

C45PRO 2.0 A2/R915	1	045000496

C45STR

coloured adhesive tape, for workshop equipment combination C45PRO 2.0

• Allows tailoring of colour of horizontal and vertical inserts in workshop equipment combination C45PRO 2.0

	L m		
C45STR-O/2011	30	1	045000911
C45STR-G/9006	25	1	045000912
C45STR-R/3000	25	1	045000913
C45STR-B/5015	25	1	045000914
C45STR-Y/1023	25	1	045000915
C45STR-V/6029	25	1	045000916

S4CB

wide-span shelving, 4 shelves, basic shelving

A must-have for optimizing and efficiently managing products and tools in warehouses, workshops, offices and sales points.
Made from sturdy sheet steel, it is ideal for accommodating several different types of goods.

• Carrying capacity of each shelf: 250 kg
• Total carrying capacity: 1,000 kg
• Can be fixed to floor

82 kg

S4CB	1	088880490

S4CA

wide-span shelving, 4 shelves, additional shelving

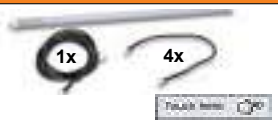
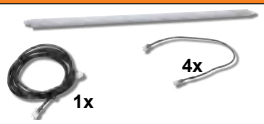
Additional shelving extends basic shelving to increase storage space.
Made from sturdy sheet steel, it is ideal for accommodating several different types of goods.

• Carrying capacity of each shelf: 250 kg
• Total carrying capacity: 1,000 kg
• Can be fixed to floor

72 kg

S4CA	1	088880495

RSC55 - RSC50 2.0 - C45PRO 2.0 ACCESSORIES

		5000 RSC50 2.0/**PLEDC-ST**	5000 RSC50 2.0/**PLEDC**	5000 RSC50 2.0/**ASL**	5000 RSC50 2.0/**CTR**
					
	A	**1x**	**-**	**1x**	**-**
	B	**-**	**1x**	**1x**	**1x**
	A	**1x**	**1x**	**1x**	**-**
	B	**-**	**2x**	**1x**	**1x**
	A	**1x**	**2x**	**1x**	**-**
	B	**-**	**3x**	**1x**	**1x**

5000 RSC50 2.0/PLEDC

aluminium profile with LED strip, for workshop equipment combinations

To be applied under worktops, under/in suspended cabinets, under shelves and linear/corner guards, to light working areas.

Features:
- 6.5W IP20 LED strip; length: 50 cm
- Supplied complete with cables
- Convenient fixing through magnets

80 g

CE

5000 RSC50 2.0/PLEDC	1	050001712

5000 RSC50/PLEDC-ST

aluminium profile with LED strip and SOFT TOUCH switch for workshop equipment combinations

To be applied under/in suspended cabinets, under shelves and linear guards, to light working areas.

Features:
- 6.5W IP20 LED strip; length: 50 cm
- on/off and brightness adjustment SOFT TOUCH switch
- Supplied complete with cables
- Convenient fixing through magnets

80 g

CE

5000 RSC50 2.0/PLEDC-ST	1	050001713

5000 RSC50 2.0/ASL

power supplier for LED strip, for workshop equipment combination

Features:
- 24VDC 22W power supplier
- Can supply power to max. 3 6.5W LED strips

210 g

CE

5000 RSC50 2.0/ASL	1	050001716

5000 RSC50 2.0/CTR

LED strip controller, with RF remote control, for workshop equipment combination

CE

For use only with LED strip item 5000 RSC50 2.0/PLEDC

Kit contents:
1 mini receiver
1 wireless RF remote control

Specifications of mini receiver:
Input voltage: 5V -24VDC
Rated output current: 5A
Peak output current: 12A
Operating temperature: -20 °C ÷ +35 °C

Specifications of RF remote control:
ON/OFF button
BRIGHT +/- button: allows manual brightness adjustment
25%/50%/100% button: allows automatic brightness adjustment
Battery: 3V CR2025 (included)
Dimensions: 86 (L) x 40 (W) x 7 (H) mm

Integrated features:
• Memory
• Mode (manual/automatic brightness)
• Brightness adjustment

25 g

5000 RSC50 2.0/CTR	1	050001721

CPMB/3C

workbench small parts containers with 3 drawers

• Outer frame made of PP
• Small parts drawers made of PET
• Stackable

Specifications of drawers:
• Interior drawer dimensions: 160x107x105h mm
• Unbreakable
• Glass effect transparency unchanged over time
• Scratchproof
• Resistant to oil, acids and aggressive chemicals
• Also suitable for use in food products

2,3 kg

CPMB/3C	1	088880443

KIT 6VC/3C

kit of 6 removable trays for small parts containers CPMB/3C

1,1 kg

KIT 6VC/3C	1	088880453

CPMB/5C

workbench small parts containers with 5 drawers

- Outer frame made of PP
- Small parts drawers made of PET
- Stackable

Specifications of drawers:
- Interior drawer dimensions: 90x86x62h mm
- Unbreakable
- Glass effect transparency unchanged over time
- Scratchproof
- Resistant to oil, acids and aggressive chemicals
- Also suitable for use in food products

1,7 kg

CPMB/5C	1	088880445

KIT 10VC/5C

kit of 10 removable trays for small parts containers CPMB/5C

800 g

KIT 10VC/5C	1	088880455

PM/5C

wall-mounted small parts holder with 5 tote trays, made from plastic, with support

- Interior dimensions: 95x120 mm
- Can be used with tool wall systems: C45PRO,RSC50 2.0 e RSC55 2.0

2,7 kg

PM/5C	1	088880450

PM/6C

wall-mounted smallwares holder with 6 tote trays, made from plastic, with support

- Interior dimensions: 80x60 mm
- Can be used with tool wall systems C45PRO 2.0, RSC50 2.0 and RSC55

970 g

PM/6C	1	088880440

CP

wall-mounted bottle rack, made from steel

- Can be used with wall-mounted tool panels
- Supplied complete with 2 supports

533 g

CP	1	088880470

SPC

computer wall bracket

- Matches tool wall systems RSC55, RSC50 2.0 and C45PRO 2.0
- Dimensions 398x243x138 mm

1,5 kg

SPC	1	088880480

SP5S

wall-mounted support with 5 compartments

- Made from sheet metal
- 5 tool compartments varying in height
- Dimensions: 260x60x290 mm

1,8 kg

SP5S	1	088880475

M3CA

3-drawer module
for two-door tool cabinets C45PRO 2.0 AS2 and RSC50 2.0 A2

- 3 fully removable (661x360 mm), with ball bearing slides
- Drawer height: 78 mm
- Drawer bases protected by foamed rubber mats
- Supplied complete with assembly kit

20,5 kg

M3CA	1	088880485

ROLLER CABS & CONTAINERS

				pieces	RSC22	RSC23	RSC23C	RSC23T	RSC24/5	RSC24/6 - RSC24A/6 - C37/6 - C39/6	RSC24/7 - RSC24A/7 - RSC24AXL/7 RSC24AXLP/7 - RSC24AXXL - RSC24L/7 RSC24L-CAB - C37/7 - C37A/7 - C39/7	RSC24/8 - RSC24A/8 - RSC24AXL/8 C37/8 - C39/8	RSC24AXL/9 - RSC24AXXL	C25	C27S	RSC28	C30M
LOOSE TOOLS	without supports	5902VI	Industrial maintenance	107	459	459		459						459	459		
		5905VG/1	Car repair	94										497			
		5905VG/2	Car repair	118										498			
		5910VI/3	Industrial maintenance	297													463
	with supports	5954VG	Car repair	135													
		5954VI	Industrial maintenance	133													
		5957U-P	Universal maintenance	133													
		5957VG	Car repair	174													
		5957VI	Industrial maintenance	162													
		5958U	Universal maintenance	85													
TRAYS	soft modules	5904VG/2M	Car repair	170				493	493	493	493	493	493			493	
		5904VU/1M	Universal maintenance	90				468	468	468	468	468	468			468	
		5904VU/2M	Universal maintenance	144				469	469	469	469	469	469			469	
		5927VU/M	Universal maintenance	108	478	478	478								478		
		5935ET/1MB	Electrotechnical	94													
		5935VI/2MB	Industrial maintenance	132													
		5945VUM	Universal maintenance	199													
		5988H/7M	Bike and bicycle repair	333								483	483			483	
		5988L/4M	Car repair	273					484	484	484	484	484				
		5980U/BIKE-M	Bicycle repair	106				482		482	482	482	482			482	
		5988U6/M	Universal maintenance	214							485	485	485			485	
		5988U/7M	Universal maintenance	215				475	475	475	475	475	475			475	
		5988 VHB-MQ	Electrotechnical	66				489	489	489	489	489	489			489	
		5989 VEM	Car repair	81				492	492	492	492	492	492			492	
	foam trays	5904VI/1T	Industrial maintenance	98				459	459	459	459	459	459			459	
		5904VI/2T	Industrial maintenance	152				462			462	462	462			462	
		5904VI/3T	Industrial maintenance	140							460	460	460			460	
		5904VG/2T	Car repair	99				494	494	494	494	494	494			494	
		5904VG/3T	Car repair	102				495	495	495	495	495	495			495	
		5904VG/5T	Car repair	153				496		496	496	496	496			496	
		5904VU/2T	Universal maintenance	104				470	470	470	470	470	470			470	
		5904VU/3T	Universal maintenance	146				471	471	471	471	471	471			471	
		5904VU/4T	Universal maintenance	197				472	472	472	472	472	472				
		5908VG/2T	Car repair	193												499	
		5908VI/2T	Industrial maintenance	228								461	461			461	
		5908VU/2T	Universal maintenance	161				473		473	473	473	473			473	
		5910VI/3T	Industrial maintenance	257													464

					ROLLER CABS & CONTAINERS													
					C35	C39MD - C39SM	C39T	C45PRO 2.0	RSC51	C54S	RSC55	C55PS - C55PSE	RSC50 2.0	C57SA - C57SD - C57SB C57SC - C57SP	C58P	C59A - C59C	C59B	C58BC
				pieces														
LOOSE TOOLS	without supports	5902VI	Industrial maintenance	107														
		5905VG/1	Car repair	94														
		5905VG/2	Car repair	118														
		5910VI/3	Industrial maintenance	297														
	with supports	5954VG	Car repair	135						502								
		5954VI	Industrial maintenance	133						467	467							
		5957U-P	Universal maintenance	133								479	479	479				
		5957VG	Car repair	174								503		503				
		5957VI	Industrial maintenance	162										466				466
		5958U	Universal maintenance	85				480			480		480		480			
TRAYS	soft modules	5904VG/2M	Car repair	170		493	493				493		493	493		493	493	493
		5904VU/1M	Universal maintenance	90		468	468		468		468		468	468		468	468	468
		5904VU/2M	Universal maintenance	144		469	469				469		469	469		469	469	469
		5927VU/M	Universal maintenance	108														
		5935ET/1MB	Electrotechnical	94	486													
		5935VI/2MB	Industrial maintenance	132	465													
		5945VUM	Universal maintenance	199				501										
		5988H/7M	Bike and bicycle repair	333							483		483				483	483
		5988L/4M	Car repair	273		484	484				484		484	484		484	484	484
		5980U/BIKE-M	Bicycle repair	106		482					482		482	482		482	482	482
		5988U6/M	Universal maintenance	214		485					485		485				485	485
		5988U/7M	Universal maintenance	215		475					475		475	475		475	475	475
		5988 VHB-MQ	Electrotechnical	66		489	489		489		489		489	489		489	489	489
		5989 VEM	Car repair	81		492	492		492		492		492			492	492	
	foam trays	5904VI/1T	Industrial maintenance	98		459	459		459		459		459	459		459	459	459
		5904VI/2T	Industrial maintenance	152		462					462		462	462		462	462	462
		5904VI/3T	Industrial maintenance	140		460					460		460	460			460	460
		5904VG/2T	Car repair	99		494	494		494		494		494	494		494	494	494
		5904VG/3T	Car repair	102		495	495				495		495	495		495	495	495
		5904VG/5T	Car repair	153		496					496		496	496		496	496	496
		5904VU/2T	Universal maintenance	104		470	470				470		470	470		470	470	470
		5904VU/3T	Universal maintenance	146		471	471				471		471	471		471	471	471
		5904VU/4T	Universal maintenance	197		472	472				472		472	472		472	472	472
		5908VG/2T	Car repair	193														
		5908VI/2T	Industrial maintenance	228							461		461				461	461
		5908VU/2T	Universal maintenance	161		473					473		473	473		473	473	473
		5910VI/3T	Industrial maintenance	257														

5902VI

assortment of 107 tools

► Industrial maintenance

Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31
1	centre punch Ø 3 mm	32
1	flat chisels, ribbed type 200 mm	35
26	combination wrenches 6÷32 mm	42/S26
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm	55/S12
9	offset hexagon key wrenches O 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
1	Adjustable wrench 300 mm	111E
13	1/2" square drive hexagon sockets with rail ◎ 10÷22 mm	920A/SB13
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet ⓡ	920/55
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⧓ 160 mm	1084GBM
1	compound leverage shears, straight blades 250 mm	1122
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, bi-material handles, industrial finish 〓 180 mm	1150GBM
1	extra-long needle knurled nose pliers, bi-material handles, industrial finish ◖ 160 mm	1166GBM
8	Screwdrivers for slotted head screws ◖ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1221
4	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1222
1	engineer's hammer 500 g	1370
1	dead blow hammer Ø 40 mm	1392
1	engineer's scriber	1688A
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/20
5	Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1	hacksaw frame, aluminium handle	1726BM
1	Metal pressure oil can 300 cc	1751N
1	snap - off blade utility knife 170 mm	1771BM
1	rechargeable, articulated LED inspection lamp	1838SW

5902VI	059021060

Assortment recommended in combination with RSC22 - RSC23 - RSC23T - C25 - C27S

5904VI/1T

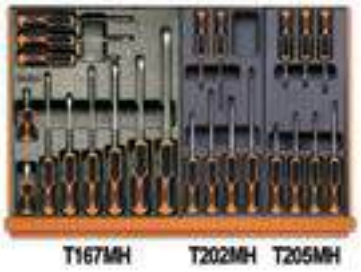
assortment of 98 tools in ABS thermoformed trays

► Industrial maintenance

Quantity	Description	Beta N.	TR
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
5	1/2" drive, socket drivers for hexagon screws O 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet ⓡ	920/55	T80
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22-24-27-30-32 mm	42	T06
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084	T138
1	combination pliers bright chrome-plated 〓 180 mm	1150	T138
1	Extra-long needle nose pliers ◖ 160 mm	1166	T138
1	circlip pliers straight, internal ◌ 180 mm	1032	T145
1	circlip pliers bent, internal ◌ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
2	flat chisels, ribbed type 100 - 200 mm	35	T234
5	second cut files 200 mm	1719BMA8/S5	T236
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	T33
9	offset hexagon key wrenches O 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	T33
4	Screwdrivers for slotted head screws ◖ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1221	T208MH
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1222	T208MH
6	T-handle wrenches with hexagon male ends O 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68

5904VI/1T	059041161

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24L/7 - RSC24L-CAB RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC28 - C37 - C39 - C39MD - C39SM - C39T - RSC55 - RSC50 2.0 - C59 - C57 - C58BC



5904VI/3T

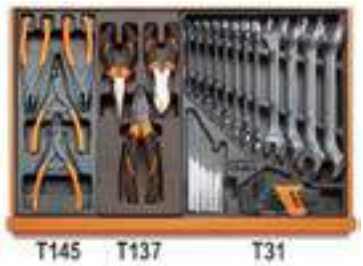
assortment of 140 tools in ABS thermoformed trays

► Industrial maintenance

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
9	Screwdrivers for slotted head screws ◐ 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1221	T167MH
2	Screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1221N	T167MH
6	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1222	T202MH
7	Screwdrivers for Torx® head screws, with handles ✪ T6-T7-T8-T9-T10-T15-T20	1227TX	T205MH
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
8	double ended bi-hex tubular socket wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 mm	930	T73
1	tommy bars for tubular wrenches	940/1	T73
1	tommy bars for tubular wrenches	940/2	T73
6	T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	T137
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	T137
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM	T137
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
1	circlip pliers straight, internal ⊙ 180 mm	1032	T145
1	circlip pliers bent, internal ⊙ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
1	circlip pliers straight, internal ⊙ 140 mm	1032	T146
1	circlip pliers bent, internal ⊙ 225 mm	1034	T146
1	circlip pliers straight, external ● 140 mm	1036	T146
1	circlip pliers bent, external ● 225 mm	1038	T146
1	engineer's hammer 400 g	1370	T231
1	soft face hammer Ø 35 mm	1390	T231
1	second cut files 200 mm	1719BMA8/T	T231
1	second cut files 200 mm	1719BMA8/P	T231
1	second cut files 200 mm	1719BMA8/M	T231
1	digital vernier	1651DGTB	T297
1	flexible graduated rule 300 mm	1682	T297
1	measuring tape 5 m	1691BM	T297
1	riveting pliers 250 mm	1741B	T281
100	aluminium rivets 2,9x6 mm	1741RV...K	T281
100	aluminium rivets 3,2x8 mm	1741RV...K	T281
100	aluminium rivets 3,8x10 mm	1741RV...K	T281
100	aluminium rivets 4x12 mm	1741RV...K	T281
100	aluminium rivets 4,8x12 mm	1741RV...K	T281
2	empty thermoformed tray	VP6	VP6
1	empty thermoformed tray	VP5	VP5

5904VI/3T	059041168

Assortment recommended in combination with RSC24 with 8 drawers- RSC24/A with 8 drawers - RSC24XL with 8-9 drawers- RSC24AXLP/7 - RSC24AXXL - RSC28 - C37 with 8 drawers - C39 with 8 drawers - C39MD - C39SM - RSC55 - RSC50 2.0 - C59B - C58BC - C57



5908VI/2T

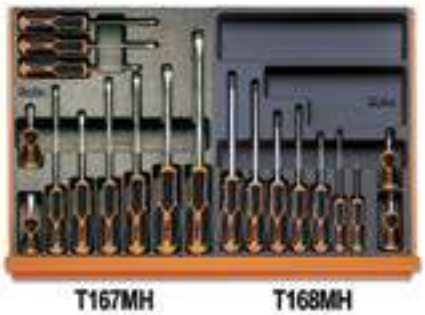
assortment of 228 tools in ABS thermoformed trays

► Industrial maintenance

Quantity	Description	Beta N.	TR
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
13	1/4" hexagon sockets ◎ 4÷14 mm	900	T91MH
6	1/4" socket drivers for hexagon screws ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME	T91MH
1	1/4" drive extension bar 50 mm	900/20	T91MH
1	1/4" drive extension bar 150 mm	900/21	T91MH
1	1/4" male square drive	900BG/31	T91MH
1	1/4" drive universal joint	900/25	T91MH
1	1/4" drive swivel T-handle	900/42	T91MH
1	1/4" reversible ratchet	900/55N	T91MH
6	T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
7	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
5	double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41
7	Screwdrivers for slotted head screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1221	T199MH
6	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1222	T202MH
3	Screwdrivers for slotted head screws ◐ 8x150 - 8x200 - 10x200 mm	1221	T201MH
2	Screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1221N	T201MH
2	Screwdrivers for cross head Phillips® screws ✪ PH3x150 - PH4x200 mm	1222	T204MH
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N	T204MH
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	riveting pliers 250 mm	1741	T271
100	aluminium rivets 2,9x6 mm	1741RV...K	T271
100	aluminium rivets 3,2x8 mm	1741RV...K	T271
100	aluminium rivets 3,8x10 mm	1741RV...K	T271
100	aluminium rivets 4x12 mm	1741RV...K	T271
100	aluminium rivets 4,8x12 mm	1741RV...K	T271
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
5	Set of 5 second-cut files, with handles 200 mm	1719BMA...S5	T236
1	circlip pliers straight, internal ○ 180 mm	1032	T145
1	circlip pliers bent, internal ○ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	T137
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	T137
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM	T137
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
1	empty thermoformed tray	VP5	VP5
2	empty thermoformed tray	VP6	VP6
1	adjstable tap wrench M3÷M12	435/1,5	T273
1	adjstable tap wrench M5÷M21	435/3	T273
1	reversible ratcheting tap wrench 2,0÷5,0 mm (M3÷M8)	436/1	T273
1	reversible ratcheting tap wrench 4,6÷8,0 mm (M5÷M12)	436/2	T273
1	die stock 25,4 mm	444/1	T273
1	die stock 38,1 mm	444/2	T273
1	screw pitch gauge 0,25÷6 W 62÷4x1"	1707	T273
26	coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430	T270
14	fine pitch hand taps M6x0,75 - M8x1 - M10x1,25 M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	433	T270
7	round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440	T270
6	round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A	T270
2	round dies, fine pitch M6x0,75 - M8x0,75	441	T270
5	round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A	T270

5908VI/2T	059081105

Assortment recommended in combination with RSC28 - RSC24/8 - RSC24A/8 - RSC24XL with 8 and 9 drawers RSC24AXXL - C37/8 - C39/8 - RSC55 - RSC50 2.0 - C59B - C58BC



5904VI/2T

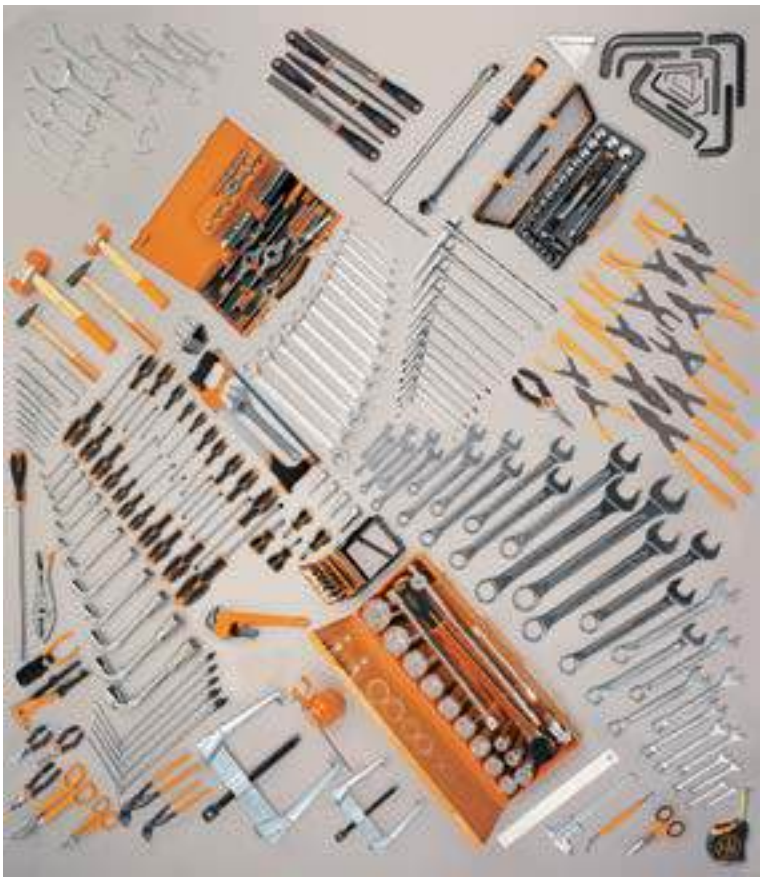
assortment of 152 tools in ABS thermoformed trays

► Industrial maintenance

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
7	double ended offset ring wrenches 6÷29 mm	90	T40
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T83
1	1/2" drive extension bar 125 mm	920/21	T83
1	1/2" drive extension bar 255 mm	920/22	T83
1	1/2" drive universal joint	920/25	T83
1	1/2" drive sliding T-handle	920/42	T83
1	1/2" reversible ratchet	920/55	T83
13	1/4" hexagon sockets ◎ 4÷14 mm	900	T91MH
6	1/4" socket drivers for hexagon screws ○ 2,5÷8 mm	900ME	T91MH
1	1/4" drive extension bar 50 mm	900/20	T91MH
1	1/4" drive extension bar 150 mm	900/21	T91MH
1	1/4" drive universal joint	900/25	T91MH
1	1/4" male square drive	900BG/31	T91MH
1	1/4" drive swivel T-handle	900/42	T91MH
1	1/4" reversible ratchet	900/55N	T91MH
9	Screwdrivers for slotted head screws ◖ 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1221	T167MH
2	Screwdrivers for slotted head screws, extra-short series ◖ 4x30 - 6,5x30 mm	1221N	T167MH
7	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1222	T168MH
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N	T168MH
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
1	Heavy-duty diagonal cutting nippers 160 mm	1084	T138
1	Extra-long needle nose pliers ◖ 160 mm	1166	T138
1	combination pliers bright chrome-plated 〓 180 mm	1150	T138
1	circlip pliers straight, internal ⊙ 180 mm	1032	T145
1	circlip pliers bent, internal ⊙ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
6	T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
5	second cut files 200 mm	1719BMA8/S5	T236
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	riveting pliers	1741	T271
100	aluminium rivets 2,9x6 mm	1741RV...K	T271
100	aluminium rivets 3,2X8 mm	1741RV...K	T271
100	aluminium rivets 3,8x10 mm	1741RV...K	T271
100	aluminium rivets 4x12 mm	1741RV...K	T271
100	aluminium rivets 4,8x12 mm	1741RV...K	T271
1	digital vernier	1651DGTB	T297
1	flexible graduated rule 300 mm	1682	T297
1	measuring tape 5 m	1691BM	T297

5904VI/2T	059041164

Assortment recommended in combination with RSC23T - RSC24 with 7 - 8 drawers - RSC24A with 7 - 8 drawers - RSC24AXL - RSC24AXLP/7 - RSC24AXXL- RSC24L/7 - RSC24L-CAB - RSC28 - C37 with 7 - 8 drawers C39 with 7 - 8 drawers - C39MD - C39SM - C59 - C57 - C58BC - RSC55 - RSC50 2.0



5910VI/3

assortment of 297 tools

► Industrial maintenance

Quantity	Description	Beta N.
6	Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1	centre punch Ø 4 mm	32
2	flat chisels, ribbed type 125 - 250 mm	35
1	cape chisel, ribbed type 200 mm	37
30	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-35-36-38-41 mm	42
14	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm	55
13	double ended offset ring wrenches 6x7÷30x32 mm	90
14	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	96N
1	Adjustable wrench 250 mm	111E
1	heavy duty pipe wrench 300 mm	362
25	twist drills with cylindrical shanks, short series 1÷13x0,5 mm	412/SP25
37	assortment of HSS taps and dies, metric thread	447/C37
1	ZERO-RESET click-type torque wrenches 1/2", 40÷200 Nm	666/20
1	1/2" drive swivel T-handle	920/40
4	1/2" drive, socket drivers for hexagon screws 10-12-14-17 mm	920ME
25	20 sockets and 5 accessories	920A/C20X
17	assortment of 12 sockets and 5 accessories 3/4"	928A/C12
12	8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	933
14	T-handle wrenches with hexagon male ends 2÷14 mm	951/S14
5	T handle wrenches with swivelling hexagon male ends 3 - 4 - 5 - 6 - 8 mm	953
3	circlip pliers straight, internal 180 - 225 - 300 mm	1032
3	circlip pliers bent, internal 170 - 210 - 290 mm	1034
3	circlip pliers straight, external 140x1,3 - 175 - 225 mm	1036
3	circlip pliers bent, external 135x1,3 - 175 - 220 mm	1038
2	slip joint pliers, slip-proof PVC coated handles 250 - 300 mm	1048N
1	self locking pliers, double adjustment	1051
1	heavy duty diagonal cutting nippers, bi-material handles, industrial finish 160 mm	1084GBM
1	toggle lever assisted end cutting nippers 180 mm	1092V
1	tin snips 300 mm	1112
1	tin snip, straight narrow blades 250 mm	1114
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, bi-material handles, industrial finish 180 mm	1150GBM
1	extra-long needle knurled nose pliers, bi-material handles, industrial finish 160 mm	1166GBM
1	extra-long bent needle knurled nose pliers,bi-material handles, industrial finish 160 mm	1168GBM
9	Screwdrivers for slotted head screws 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 - 12x250 mm	1221
2	Screwdrivers for slotted head screws, extra-short series 4x30 - 6,5x30 mm	1221N
5	Screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 - PH3x150 mm - PH4x200 mm	1222
2	Screwdrivers for cross head Phillips® screws, extra-short series PH1x30 - PH2x30 mm	1222N
7	Screwdrivers for Torx® head screws, with handles T5 -T6 - T8 - T10 - T15 - T20 - T25	1227TX
2	engineer's hammer 300 - 600 g	1370
2	soft face hammer Ø 35 - 60 mm	1390
5	tapered extractors M3÷M18	1430/S5
1	two - leg universal puller 23÷70 mm	1500N/1
1	two - leg universal puller 23÷100 mm	1500N/2
1	sliding gauge	1650
1	semirigid stainless steel rule 300 mm	1683
1	engineer's scriber	1688A
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/13
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1726BM
1	riveting pliers	1741
1	Metal pressure oil can 200 cc	1751N

5910VI/3	059101044

Assortment recommended for use with item C30M

5910VI/3T

assortment of 257 tools in ABS thermoformed trays

► Industrial maintenance

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
13	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
5	double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41
7	double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm	90	T40
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
9	Screwdrivers for slotted head screws ◐ 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1221	T167MH
2	Screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1221N	T167MH
7	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1222	T168MH
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N	T168MH
4	offset hexagon key wrenches ○ 13-14-17-19 mm	96N	T168MH
2	empty thermoformed tray	VP6	VP6
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	T137
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	T137
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM	T137
1	circlip pliers straight, internal ⊙ 180 mm	1032	T145
1	circlip pliers bent, internal ⊙ 170 mm	1034	T145
1	circlip pliers straight, external ● 175mm	1036	T145
1	circlip pliers bent, external ● 175mm	1038	T145
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	second cut files 200 mm	1719BMA8/S5	T236
4	combination wrenches 35-36-38-41 mm	42	
1	double open end wrenches 36x41 mm	55	
1	Adjustable wrench 250 mm	111E	
1	heavy duty pipe wrench 300 mm	362	
25	twist drills with cylindrical shanks, short series	412/SP25	
37	assortment of HSS taps and dies, metric thread	447/C37	
1	ZERO-RESET click-type torque wrenches 40÷200 Nm	666/20	
17	assortment of 12 sockets and 5 accessories 3/4"	928A/C12	
14	T-handle wrenches with hexagon male ends	951/S14	
5	T handle wrenches with swivelling hexagon male ends ○ 3-4-5-6-8 mm	953	
1	circlip pliers straight, internal ⊙ 300 mm	1032	
1	circlip pliers bent, internal ⊙ 290 mm	1034	
1	circlip pliers straight, external ● 225 mm	1036	
1	circlip pliers bent, external ● 220 mm	1038	
1	slip joint pliers, slip-proof PVC coated handles 300 mm	1048N	
1	self locking pliers, double adjustment	1051	
1	toggle lever assisted end cutting nippers ⧓ 180 mm	1092V	
1	engineer's hammer 600 g	1370	
1	soft face hammer Ø 60 mm	1390	
5	tapered extractors M3-M18	1430/S5	
1	two - leg universal puller	1500/3	
1	sliding gauge	1650	
1	semirigid stainless steel rule	1683	
1	engineer's scriber	1688	
1	measuring tape 5 m	1692	
1	metric feeler gauge	1708/13	
1	flexible magnetic pick-up tool	1712E/2	

5910VI/3T	059101063

Assortment recommended for use with item C30M

MB12

MB37MH

MB44MH

MB65

5935VI/2MB

assortment of 132 tools for tool chest C35, in EVA foam trays

► Industrial maintenance

Quantity/Description		Beta N.	TR
21	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	42	**MB12**
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15 16x17-18x19-20x22 mm	55	**MB12**
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	**MB12**
19	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-20-21 22-23-24-26-27-30-32 mm	920A	**MB37MH**
1	1/2" wobble extension bar 125 mm	920AN/125	**MB37MH**
1	1/2" wobble extension bar 150 mm	920AN/250	**MB37MH**
1	1/2" drive universal joint	920/25	**MB37MH**
1	1/2" drive sliding T-handle	920/42	**MB37MH**
1	1/2" reversible ratchet	920/55	**MB37MH**
1	Adjustable wrench 250 mm	111E	**MB37MH**
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	**MB37MH**
1	1/4" drive extension bar 50 mm	900/20	**MB37MH**
1	1/4" drive extension bar 150 mm	900/21	**MB37MH**
1	1/4" drive universal joint	900/25	**MB37MH**
1	1/4" male square drive	900BG/31	**MB37MH**
1	1/4" reversible ratchet	900/55N	**MB37MH**
1	1/4" drive swivel T-handle	900/42	**MB37MH**
7	Screwdrivers for slotted head screws ◖ 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm	1221	**MB44MH**
2	Screwdrivers for slotted head screws, extra-short series ◖ 4x30-6,5x30 mm	1221N	**MB44MH**
7	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1222	**MB44MH**
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30-PH2x30 mm	1222N	**MB44MH**
1	mains testing screwdriver ◖ 4x30-6,5x30 mm	1253	**MB44MH**
9	ball head offset hexagon key wrenches ○	96BPC/SC9	**MB44MH**
6	T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm	951	**MB44MH**
1	flat chisels, ribbed type 200 mm	35	**MB65**
1	circlip pliers straight, internal ⌒ 180 mm	1032	**MB65**
1	circlip pliers bent, internal ⌒ 170 mm	1034	**MB65**
1	circlip pliers straight, external ● 175 mm	1036	**MB65**
1	circlip pliers bent, external ● 175 mm	1038	**MB65**
1	self - locking pliers 240 mm	1052	**MB65**
1	Heavy-duty diagonal cutting nippers ⟨ 160 mm	1084BM	**MB65**
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	**MB65**
1	Extra-long needle nose pliers ◖ 160 mm	1166BM	**MB65**
1	engineer's hammer 500 g	1370	**MB65**
1	soft face hammer Ø 45 mm	1390	**MB65**
1	second-cut square files 200 mm	1719BMA...Q	**MB65**
1	second-cut triangular files 200 mm	1719BMA...T	**MB65**
1	second-cut flat files 200 mm	1719BMA...P	**MB65**
1	second-cut half-round files 200 mm	1719BMA...M	**MB65**
1	second-cut round files 200 mm	1719BMA...R	**MB65**

5935VI/2MB 059351316

Assortment recommended in combination with C35

5957VI

Assortment of 162 tools

► Industrial maintenance

Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
18	combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-21-22-24-27-30-32 mm	42
12	double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8	offset hexagon key wrenches 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96T/S8
8	offset key wrenches, for Torx® head screws ✪ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/SC8
1	Adjustable wrench 250 mm	111E
13	1/2" square drive bi-hex sockets with rail ○ 10÷22 mm	920B/SB13
8	1/2" square drive bi-hex sockets with rail ○ 23÷32 mm	920B/SB8
4	1/2" socket drivers for slotted head screws ◖ 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3	1/2" socket drivers for Phillips® screws ✪ PH2 - 3 - 4	920PH
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet ⚙	920/55
1	pry bar	963
2	circlip pliers straight, internal ○ 140 - 180 mm	1032
2	circlip pliers bent, internal ○ 130 - 170 mm	1034
2	circlip pliers straight, external ● 140 - 175 mm	1036
2	circlip pliers bent, external ● 135 - 175 mm	1038
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self locking pliers, double adjustment	1051
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	toggle lever assisted end cutting nippers ⧓ 180 mm	1092V
1	tin snips 250 mm	1112
1	tin snip, straight narrow blades 250 mm	1114
1	electrician's scissors, straight blades 147 mm	1128BMX
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM
1	Extra-long needle nose pliers ◖ 160 mm	1166BM
1	Extra-long bent needle nose pliers ◖ 160 mm	1168BM
7	Screwdrivers for slotted head screws ◖ 2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 - 8x200 - 10x200 mm	1221
4	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1222
3	engineer's hammer 300 - 600 - 1000 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	straight putty knife scraper 235 mm	1479RB/1
1	bent putty knife scraper 235 mm	1479RB/3
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751
1	flat chisels, ribbed type 200 mm	35
1	cape chisel, ribbed type 200 mm	37
11	double ended offset hexagon socket wrenches 8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 19 - 22 - 24 mm	933
1	self - locking pliers 240 mm	1052
1	self - locking pliers 280 mm	1060
1	self - locking pliers 290 mm	1062
1	dead blow hammer Ø 50 mm	1392
1	two - leg universal puller 25÷130 mm	1500N/2
1	sliding gauge	1650
1	semirigid stainless steel rule 300 mm	1683
1	engineer's scriber	1688A
1	metric feeler gauge	1708/13
1	fold - away knife	1777BM
1	snap - off blade utility knife 170 mm	1771BM
1	Diagonal cutting nippers ⧓ 160 mm	1082BM

5957VI	059571005

Assortment recommended in combination with C57SA - C57SB - C57SP - C58BC

5954VI

Assortment of 133 tools

► Industrial maintenance

Quantity	Description	Beta N.
5	pin punches Ø 2-3-4-5-6 mm	31
1	centre punch Ø 4 mm	32
2	flat chisels, ribbed type 200-250 mm	35
18	combination wrenches 6÷14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm	42
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
12	offset hexagon key wrenches ○ 2÷10 mm	96/SC12
1	Adjustable wrench 250 mm	111E
1	pipe wrench Swedish pattern 320 mm	374
20	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
6	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 - 14 mm	920ME
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive swivel T-handle	920/40
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet	920/55
6	T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
2	circlip pliers straight, internal ⊙ 140 - 180 mm	1032
1	circlip pliers bent, internal ⊙ 170 mm	1034
2	circlip pliers straight, external ● 140x1,3 - 175 mm	1036
1	circlip pliers bent, external ● 175 mm	1038
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	toggle lever assisted end cutting nippers ⧓ 180 mm	1092V
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades 147 mm	1128BMX
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM
1	Extra-long needle nose pliers ◖ 160 mm	1166BM
1	mains testing screwdriver ◖	1253
2	Screwdrivers for slotted head screws ◖ 8x150 - 10x200 mm	1221
2	Screwdrivers for slotted head screws, extra-short series ◖ 4x30 - 6,5x30 mm	1221N
2	Screwdrivers for cross head Phillips® screws ✪ PH3x150 - PH4x200 mm	1222
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N
8	screwdrivers	1223/D8P
2	engineer's hammer 300 - 500 g	1370
1	soft face hammer Ø 45 mm	1390
1	measuring tape 5 m	1692
1	flexible magnetic pick-up tool 0,5 kg	1712E/1
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1726BM
1	plastic oil can 250 cc	1754

5954VI	059541053

Assortment recommended in combination with C54S-C55

5904VU/1M

assortment of 90 tools in EVA foam trays

► Universal use

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	M05
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	M33
9	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	M33
6	Screwdrivers for Torx® head screws, with handles T8-T10-T15-T20-T25-T30	1227TX	M204MH
3	Screwdrivers for slotted head screws 3x75 - 5,5x150 - 6,5x150 mm	1221	M180MH
3	Screwdrivers for cross head Phillips® screws PH0x60-PH1x80-PH2x100 mm	1222	M180MH
8	offset hexagon key wrenches 2-2,5-3-4-5-6-7-8 mm	96T	M50
1	1/2" wobble extension bar 125 mm	920AN/125	M83
1	1/2" wobble extension bar 250 mm	920AN/250	M83
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" reversible ratchet	920/55	M83
19	1/2" square drive hexagon sockets 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83
1	Heavy-duty diagonal cutting nippers 160 mm	1084	M137
1	combination pliers bright chrome-plated 180 mm	1150	M137
1	Extra-long needle nose pliers 160 mm	1166	M137
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	M153
1	self - locking pliers 240 mm	1052	M153
2	flat chisels, ribbed type 100 - 200 mm	35	M234
1	engineer's hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234
1	circlip pliers straight, internal 180 mm	1032	M145
1	circlip pliers bent, internal 170 mm	1034	M145
1	circlip pliers straight, external 175 mm	1036	M145
1	circlip pliers bent, external 175 mm	1038	M145

5904VU/1M	059041201

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB RSC28 - C37 - C39 - C39T - C39SM - C39MD - RSC51 - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VU/2M

assortment of 144 tools in EVA foam trays

► Universal use

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	M05
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	M33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	M33
3	Screwdrivers for slotted head screws ◖ 3x75 - 5,5x150 -6,5x150 mm	1221	M180MH
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100 mm	1222	M180MH
6	Screwdrivers for Torx® head screws, with handles ✪ T8-T10-T15-T20-T25-T30	1227TX	M204MH
8	offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm	96T	M50
1	1/2" wobble extension bar 125 mm	920AN/125	M83
1	1/2" wobble extension bar 250 mm	920AN/250	M83
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" reversible ratchet	920/55	M83
19	1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83
1	Heavy-duty diagonal cutting nippers 160 mm	1084	M137
1	combination pliers bright chrome-plated 〓 180 mm	1150	M137
1	Extra-long needle nose pliers ◖ 160 mm	1166	M137
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	M153
1	self - locking pliers 240 mm	1052	M153
2	flat chisels, ribbed type 100 - 200 mm	35	M237
1	mechanic's hammers 300 g	1370T	M237
1	nylon face hammers, wooden shafts Ø 35 mm	1390N	M237
1	circlip pliers straight, internal ○ 180 mm	1032	M145
1	circlip pliers bent, internal ○ 170 mm	1034	M145
1	circlip pliers straight, external ● 175 mm	1036	M145
1	circlip pliers bent, external ● 175 mm	1038	M145
1	empty foam tray	VPM3	VPM3
1	measuring tape 5 m	1692	M294
1	mini hacksaw frame	1725CR	M294
1	18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD	1771RL	M294
1	snap - off blade utility knife 170 mm	1771	M294
5	bits for slotted head screws, coloured ◖ 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm	860LP	M85
8	hexagon bits for power drivers, coloured ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	860PE	M85
5	bits for cross head Phillips® screws, coloured ✪ PH0 - PH1 - PH2 - PH3 - PH4	860PH	M85
4	bits for cross head Pozidriv® - Supadriv® screws, coloured ✪ PZ1 - PZ2 - PZ3 - PZ4	860PZ	M85
11	bits for Torx® head screws, coloured ✪ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	860TX	M85
8	bits for Tamper Resistant Torx® head screws, coloured ✪ T9-T10-T15-T20-T25-T27-T30-T40	860RTX	M85
1	Quick release bit holder with handle 230 mm	851E/SR	M85
1	reversible bit ratchet ® 100 mm	860/55	M85
5	second cut files 200 mm	1719BMA8/S5	M236
1	adaptors for drivers	892/0	M85
1	magnetic bit holder extension bar	882P	M85

5904VU/2M	059041212

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB RSC28 - C37 - C39 - C39SM - C39MD - C39T - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VU/2T

assortment of 104 tools in ABS thermoformed trays

► Universal use

Quantity	Description	Beta N.	TR
7	Screwdrivers for slotted head screws 2,5x50 - 3x75 - 3,5x100 - 4x125 5,5x100 - 5,5x150 - 6,5x150 mm	1221	T199MH
6	Screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1222	T202MH
19	1/2" square drive hexagon sockets 10-11-12-13-14-15-16-17-18-19 20-21-22-23-24-26-27-30-32 mm	920A	T83
1	1/2" drive extension bar 125 mm	920/21	T83
1	1/2" drive extension bar 255 mm	920/22	T83
1	1/2" drive universal joint	920/25	T83
1	1/2" drive sliding T-handle 305 mm	920/42	T83
1	1/2" reversible ratchet	920/55	T83
1	circlip pliers straight, internal 180 mm	1032	T145
1	circlip pliers bent, internal 170 mm	1034	T145
1	circlip pliers straight, external 175 mm	1036	T145
1	circlip pliers bent, external 175 mm	1038	T145
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
1	Heavy-duty diagonal cutting nippers 160 mm	1084	T138
1	combination pliers bright chrome-plated 180 mm	1150	T138
1	Extra-long needle nose pliers 160 mm	1166	T138
2	flat chisels, ribbed type 100-200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
6	T-handle wrenches with hexagon male ends 2,5-3-4-5-6-8 mm	951	T68
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55	T33
9	offset hexagon key wrenches 1,5÷10 mm	96/SC9	T33
16	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm	42	T05
5	combination wrenches 22-24-27-30-32 mm	42	T06
1	electrician's scissors, straight blades 147 mm	1128BMX	T284
1	Multiuse scissors	1130BMX	T284
1	second-cut square files 200 mm	1719BMA...Q	T284
1	second-cut flat files 200 mm	1719BMA...P	T284
1	second-cut triangular files 200 mm	1719BMA...T	T284
1	second-cut half-round files 200 mm	1719BMA...M	T284
1	second-cut round files 200 mm	1719BMA...R	T284
1	hacksaw frame, aluminium handle	1726BM	T284
1	blades for hacksaw	1728BM	T284
1	snap - off blade utility knife 170 mm	1771BM	T284
1	204 mm	1778AN	T284

5904VU/2T	059041070

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB RSC28 - C37 - C39 - C39SM - C39MD - C39T RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VU/3T

assortment of 146 tools in ABS thermoformed trays

► Universal use

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
6	offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	T52
6	drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30	97TTX	T55
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	T91MH
6	1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm	900ME	T91MH
1	1/4" drive extension bar 50 mm	900/20	T91MH
1	1/4" drive extension bar 150 mm	900/21	T91MH
1	1/4" drive universal joint	900/25	T91MH
1	1/4" male square drive	900BG/31	T91MH
1	1/4" drive swivel T-handle 115 mm	900/42	T91MH
1	1/4" reversible ratchet	900/55N	T91MH
1	circlip pliers straight, internal ○ 180 mm	1032	T145
1	circlip pliers bent, internal ○ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
1	combination pliers bright chrome-plated 〓 180 mm	1150	T138
1	Extra-long needle nose pliers ◐ 160 mm	1166	T138
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084	T138
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
4	Screwdrivers for slotted head screws ◐ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1221	T208MH
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1222	T208MH
7	Screwdrivers for Torx® head screws, with handles ✪ T6-T7-T8-T9-T10-T15-T20	1227TX	T205MH
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
5	second cut files 200 mm	1719BMA8/S5	T236

5904VU/3T 059041203

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB C37- C39 - C39T - C39SM - C39MD - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VU/4T

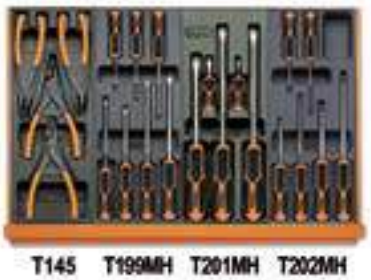
assortment of 197 tools in ABS thermoformed trays

► Universal use

Quantity	Description	Beta N.	TR
1	drift punches Ø 4 mm	30	
1	pin punches Ø 4 mm	31	
1	centre punch Ø 4 mm	32	
54	assortment of 52 hexagon bits, 10 mm, and 2 accessories	867/C52	
17	combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm	42	T01
7	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
19	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19 -20-21-22-23-24-26-27-30-32 mm	920A	T83
1	1/2" drive extension bar 125 mm	920/21	T83
1	1/2" drive extension bar 250 mm	920/22	T83
1	1/2" drive universal joint	920/25	T83
1	1/2" drive sliding T-handle 305 mm	920/42	T83
1	1/2" reversible ratchet ⑰	920/55	T83
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	T91MH
6	1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm	900ME	T91MH
1	1/4" drive extension bar 50 mm	900/20	T91MH
1	1/4" drive extension bar 150 mm	900/21	T91MH
1	1/4" drive universal joint	900/25	T91MH
1	1/4" drive spinner handle	900BG/30	T91MH
1	1/4" male square drive	900BG/31	T91MH
1	1/4" drive swivel T-handle 115 mm	900/42	T91MH
1	1/4" reversible ratchet ⑱	900/55N	T91MH
1	Diagonal cutting nippers ⧓ 160 mm	1082	T156
1	combination pliers bright chrome-plated 〓 180 mm	1150	T156
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T156
7	screwdriver for slotted head screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1201E	T211
6	screwdriver for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1202E	T213
7	screwdrivers for Torx® head screws, with handles ✪ T6-T7-T8-T9-T10-T15-T20	1207E/TX	T216
2	flat chisels, ribbed type 100-200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
7	ball head offset hexagon key wrenches burnished ○ 2,5-3-4-5-6-8-10 mm	96BP	T259
1	offset hexagon key wrenches ○ 12 mm	96N	T259
31	bits with magnetic quick release bit holder in plastic case ◐ ○ ✪ ✪ ✪	860MIX/A31	T259
1	socket holder	895/1	T259

5904VU/4T	059241100

Assortment recommended in combination with items RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB C37 - C39 - C39T - C39SM - C39MD - RSC55 - RSC50 2.0 - C59 - C58BC - C57



5908VU/2T

assortment of 161 tools in ABS thermoformed trays

► Universal use

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
7	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
6	offset hexagon key wrenches ○ 2-2,5-3-4-5-6 mm	96T	T52
6	drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30	97TTX	T55
19	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm	920A	T82
5	1/2" drive, socket drivers for hexagon screws ○ 5-6-8-10-12 mm	920ME	T82
1	1/2" wobble extension bar 125 mm	920AN/125	T82
1	1/2" wobble extension bar 250 mm	920AN/250	T82
1	1/2" drive universal joint	920/25	T82
1	1/2" drive sliding T-handle 305 mm	920/42	T82
1	1/2" reversible ratchet ⓡ	920/55	T82
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	T91MH
6	1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm	900ME	T91MH
1	1/4" drive extension bar 50 mm	900/20	T91MH
1	1/4" drive extension bar 150 mm	900/21	T91MH
1	1/4" drive universal joint	900/25	T91MH
1	1/4" drive spinner handle	900BG/30	T91MH
1	1/4" male square drive	900BG/31	T91MH
1	1/4" drive swivel T-handle 115 mm	900/42	T91MH
1	1/4" reversible ratchet ⓡ	900/55N	T91MH
1	Heavy-duty diagonal cutting nippers ⟨ 160 mm	1084	T138
1	combination pliers bright chrome-plated ═ 180 mm	1150	T138
1	Extra-long needle nose pliers ◐ 160 mm	1166	T138
1	circlip pliers straight, internal ⌒ 180 mm	1032	T145
1	circlip pliers bent, internal ⌒ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
7	Screwdrivers for slotted head screws ◐ 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm	1221	T199MH
3	Screwdrivers for slotted head screws ◐ 8x150-8x200-10x200 mm	1221	T201MH
2	Screwdrivers for slotted head screws, extra-short series ◐ 4x30-6,5x30 mm	1221N	T201MH
6	Screwdrivers for cross head Phillips® screws ✪ PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm	1222	T202MH
2	Screwdrivers for cross head Phillips® screws ✪ PH3x150-PH4x200 mm	1222	T204MH
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30-PH2x30 mm	1222N	T204MH
2	flat chisels, ribbed type 100-200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	second-cut square files 200 mm	1719BMA...Q	T236
1	second-cut triangular files 200 mm	1719BMA...T	T236
1	second-cut flat files 200 mm	1719BMA...P	T236
1	second-cut half-round files 200 mm	1719BMA...M	T236
1	second-cut round files 200 mm	1719BMA...R	T236
1	empty thermoformed trays	VP4	

5908VU/2T 059081136

Assortment recommended in combination with items RSC23T - RSC24, 6-7-8 drawers - RSC24A, 6-7-8 drawers - RSC24AXL - RSC24AXLP/7 - RSC24AXXL RSC24L/7 - RSC24L-CAB - RSC28 - C37, 6-7-8 drawers - C39, 6-7-8 drawers - C39MD - C39SM - RSC55 - RSC50 2.0 - C59 - C58BC - C57

MC T1

MC T2

MC T3

5914VU/M

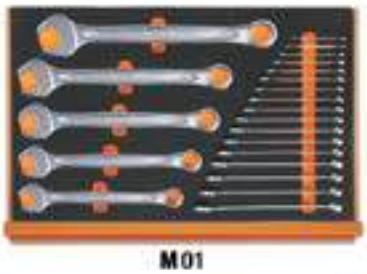
assortment of 109 tools for tool trolley C14, in EVA foam trays

► universal use

Quantity	Description	Beta N.	TR
31	30 bits with quick release magnetic bit holder, ◐ ○ ✪ ✪ ✪	861MIX/A31	MCT1
1	socket holder	895/1	MCT1
13	1/4" hexagon sockets ◎ 4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MCT1
1	1/4" drive extension bar 150 mm	900/...	MCT1
1	1/4" drive universal joint	900/25	MCT1
1	1/4" male square drive	900BG/31C	MCT1
1	1/4" drive swivel T-handle	900/42	MCT1
1	1/4" reversible ratchet ⑯	900/55	MCT1
16	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm	920A	MCT1
1	1/2" drive universal joint	920/25	MCT1
1	1/2" wobble extension bar	920AN/125	MCT1
1	1/2" drive sliding T-handle	920/42	MCT1
1	1/2" reversible ratchet ⑰	920/55	MCT1
16	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm	42	MCT2
9	offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96/SC9	MCT2
1	Adjustable wrench 250 mm	111E	MCT2
1	electrician's scissors, straight blades 147 mm	1128BMX	MCT2
1	measuring tape 5 m	1692/5	MCT2
1	snap - off blade utility knife 170 mm	1771	MCT2
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	MCT3
1	Diagonal cutting nippers ◤ 160 mm	1082BM	MCT3
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	MCT3
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	MCT3
3	Screwdrivers for slotted head screws ◐ 3,5x100-5,5x125-6,5x150 mm	1221	MCT3
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100 mm	1222	MCT3

5914VU/M	059140112

Assortment recommended in combination with tool trolley C14
NB: for correct closure of upper module of tool trolley, tool panel under cover should be removed.



M01

M100MH

M213

M33 M86 M136 M234

5988U/7M

assortment of 215 tools in EVA foam trays

► Universal use

Quantity	Description	Beta N.	TR
22	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm	42	M01
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55	M33
9	offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9	M33
7	hexagon bits ○ 4-5-6-7-8-10-12 mm	867PE	M86
7	hexagon bits ○ 4-5-6-7-8-10-12 mm	867PE/L	M86
5	bits with XZN® profile ○ 5-6-8-10-12 mm	867XZN	M86
5	bits with XZN® profile ○ 5-6-8-10-12 mm	867XZN/L	M86
7	bits for Torx® head screws ○ T20-T25-T30-T40-T45-T50-T55	867TX	M86
6	bits for Torx® head screws ○ T25-T30-T40-T45-T50-T55	867TX/L	M86
7	bits for Tamper Resistant Torx® head screws ○ T20-T25-T30-T40-T45-T50-T55	867RTX	M86
1	bit holder sockets for item 867	867/1	M86
1	bit holder sockets for item 867	867/2	M86
1	socket holder	895/1	M100MH
1	socket holder	895/3	M100MH
1	socket holder	895/6	M100MH
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	M100MH
9	hexagon hand sockets, long series ◎ 5-6-7-8-9-10-11-12-13 mm	900L	M100MH
5	1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm	900ME	M100MH
4	1/4" socket drivers for slotted head screws ◐ 0,8x4-1x5,5-1,2x6,5-1,2x8 mm	900LP	M100MH
4	1/4" socket drivers for cross head Phillips® screws ✪ PH1-PH2-PH3-PH4	900PH	M100MH
7	socket drivers for Torx® head screws ○ T10-T15-T20-T25-T27-T30-T40	900TX	M100MH
1	1/4" drive extension bar 50 mm	900/20	M100MH
1	1/4" drive extension bar 100 mm	900/20L	M100MH
1	1/4" drive extension bar 150 mm	900/21	M100MH
1	1/4" drive universal joint	900/25	M100MH
1	1/4" male square drive	900BG/31	M100MH
1	1/4" drive swivel T-handle	900/42	M100MH
1	1/4" reversible ratchet ⊛	900/55N	M100MH
21	1/2" square drive hexagon sockets ◎ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A	M100MH
1	adaptor, 1/2" female and 3/8" male drives	920/15	M100MH
1	1/2" drive universal joint	920/25	M100MH
1	1/2" wobble extension bar 125 mm	920AN/125	M100MH
1	1/2" wobble extension bar 250 mm	920AN/250	M100MH
1	1/2" drive sliding T-handle	920/42	M100MH
1	1/2" reversible ratchet ⊛	920/55	M100MH
8	1/2" sockets for Torx® head screws ◎ 10-12-14-16-18-20-22-24 mm	920FTX	M100MH
11	hexagon hand sockets ◎ 10-12-13-14-15-16-17-18-19-21-22 mm	920AL	M100MH
1	Heavy-duty diagonal cutting nippers ◤ 160 mm	1084BM	M136
1	combination pliers bright chrome-plated, bi-material handles ═ 180 mm	1150BM	M136
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	M136
6	screwdriver for slotted head screws ◐ 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm	1201E	M213
1	screwdriver for slotted head screws, extra-short series ◐ 4x30 mm	1201EN	M213
4	screwdriver for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100-PH3x150 mm	1202E	M213
1	screwdriver for cross head Phillips® screws, extra-short series ✪ PH1X30 mm	1202EN	M213
12	screwdrivers for Torx® head screws, with handles ○ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45	1207E/TX	M213
1	mains testing screwdriver ◐	1253	M213
2	flat chisels, ribbed type 100-200 mm	35	M234
1	engineer's hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234

5988U/7M 059881019

Assortment recommended in combination with items RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB RSC28 - C37 - C39 - C39SM - C39MD - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5915VU/0

Assortment of 35 tools

► Universal use

Quantity	Description	Beta N.
1	centre punch 4 mm	32
1	flat chisels, ribbed type 125 mm	35
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55
7	○ 1,5-2-2,5-3-4-5-6 mm	96/BG7
1	Adjustable wrench 150 mm	111E
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ⧓ 160 mm	1082G
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish 〓 180 mm	1150G
1	extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ◖ 160 mm	1166G
4	screwdriver for slotted head screws ◖ 3x75-4x100-5,5x100-6,5x150 mm	1201E
3	screwdriver for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100 mm	1202E
1	engineer's hammer 300 g	1370
1	measuring tape 3 m	1692/3
1	snap - off blade utility knife 170 mm	1771
1	car service knife	1778SOS
1	high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens	1833S

5915VU/0	059151021

Assortment recommended in combination with C5 - C5S - C6T - C8 - C8A - C9MT

5915VU/2

Assortment of 49 tools

► Universal use

Quantity	Description	Beta N.
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 -14x15 - 16x17 - 18x19 - 20x22 mm	55/B8N
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9
13	1/4" hexagon sockets ◎ 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	900
1	1/4" drive extension bar 150 mm	900/21
1	1/4" drive universal joint	900/25
1	1/4" drive spinner handle	900BG/30
1	1/4" drive swivel T-handle	900/42
1	1/4" reversible ratchet ⓡ	900/55
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish 〓 180 mm	1150G
4	screwdriver for slotted head screws ◖ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201E
3	screwdriver for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202E
1	engineer's hammer 300 g	1370
1	measuring tape 3 m	1692
1	18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD	1771RL
1	snap - off blade utility knife 170 mm	1771

5915VU/2	059151027

Assortment recommended in combination with C7 - C7AT - C8 - C8A - CP15 - C20 - C20L

5915VU/3

assortment of 74 tools

► Universal use

Quantity/Description	Beta N.
1 pin punches Ø 4 mm	31
1 centre punch Ø 4 mm	32
1 flat chisels 150 mm	34
14 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-22-24 mm	42
9 offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9
3 offset hexagon key wrenches ○ 4 - 5 - 6 mm	96T
1 Adjustable wrench 250 mm	111E
13 1/2" square drive hexagon sockets ◌ 8÷17 - 19 - 22 - 24 mm	920A
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" reversible ratchet ⓡ	920/55
8 double ended hexagon tubular socket wrenches, light series 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	935
2 tommy bars for tubular wrenches	940
1 Slip joint pliers, boxed joints 250 mm	1048VN
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ⧗ 160 mm	1084G
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish 〓 180 mm	1150G
1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ◖ 160 mm	1166G
4 screwdriver for slotted head screws ◖ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201E
3 screwdriver for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202E
1 engineer's hammer 400 g	1370
1 measuring tape 5 m	1692
1 hacksaw frame 400 mm	1726N
1 plastic oil can 150 cc	1754
1 snap - off blade utility knife 170 mm	1771

5915VU/3 059151028

Assortment recommended in combination with C7 - C7AT - C9 - C9DA - C10 - C10S - C11 - CP15L - C16 - CP17 - CP17L - C19 - C19L - C20 - C20L

5915VU/4

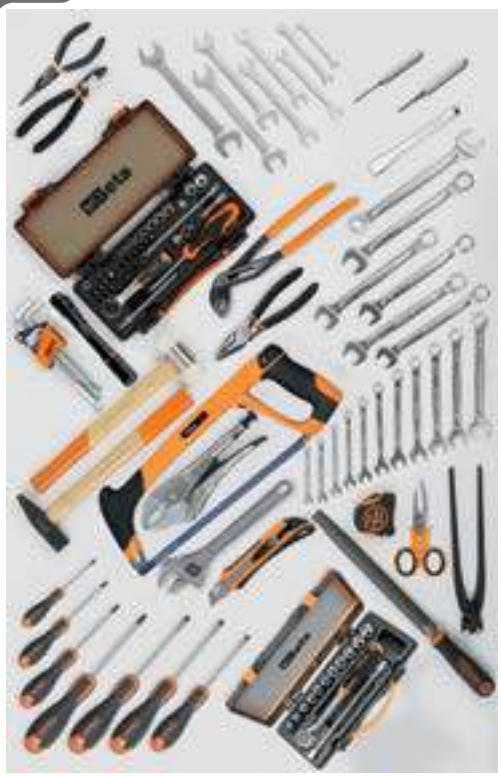
Assortment of 80 tools

► Universal use

Quantity/Description	Beta N.
1 pin punches Ø 4 mm	31
1 centre punch Ø 4 mm	32
1 flat chisels 150 mm	34
15 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-19-22-24 mm	42
9 offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9
1 Adjustable wrench 250 mm	111E
13 1/2" square drive hexagon sockets ◌ 8÷17 - 19 - 22 - 24 mm	920A
17 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm	933
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" reversible ratchet ⓡ	920/55
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⧗ 160 mm	1084GBM
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish 〓 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ◖ 160 mm	1166GBM
4 screwdriver for slotted head screws ◖ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201E
3 screwdriver for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202E
1 riveting hammer 32 mm	1370F
1 measuring tape 5 m	1692
1 hacksaw frame 400 mm	1726N
1 plastic oil can 150 cc	1754
1 snap - off blade utility knife 170 mm	1771

5915VU/4 059151045

Assortment recommended in combination with C20 - C20L



5915VU/5

assortment of 111 tools

► Universal use

Quantity	Description	Beta N.
1	pin punches Ø 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
17	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	42
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55/S8
9	ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9
1	Adjustable wrench 250 mm	111E
39	11 hexagon sockets, 20 bits and 8 accessories	900/C11
13	11 sockets and 2 accessories	920A/C11
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ⧓ 160 mm	1082G
1	construction worker's pincers 220 mm	1098
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish ═ 180 mm	1150G
1	extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ◖ 160 mm	1166G
4	screwdriver for slotted head screws ◖ 3x75 - 4x100 - 5,5x100 - 6,5x150 mm	1201E
3	screwdriver for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202E
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 3 m	1692/3
1	second cut files	1719BMA8/M
1	hacksaw frame 400 mm	1726N
1	snap - off blade utility knife 170 mm	1771BM
1	LED inspection torch, made of sturdy anodized aluminium	1833XS/2

5915VU/5	059151046

Assortment recommended in combination with C12 - C41S - C41H - C42S - C42H

5927VU/M

assortment of 108 tools in EVA foam trays

► Universal use

Quantity	Description	Beta N.	TR
16	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm	42	MC10
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM	MC10
9	offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96/SC9	MC10
1	combination pliers bright chrome-plated, bi-material handles ═ 180 mm	1150BM	MC10
1	Extra-long needle nose pliers ◖ 160 mm	1166BM	MC10
3	screwdriver for slotted head screws ◖ 3,5x100-5,5x150-6,5x150 mm	1201E	MC10
3	screwdriver for cross head Phillips® screws ✪ PH0x3x60-PH1x4,5x80-PH2x6x100 mm	1202E	MC10
31	30 bits with quick release magnetic bit holder, ◖ ○ ✪ ✪ ✪	861MIX/A31	MC20MH
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	MC20MH
1	engineer's hammer 300 mm	1370	MC20MH
1	centre punch 4 mm	32	MC20MH
1	cape chisels, standard type 4 mm	36	MC20MH
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MC20MH
1	1/4" drive extension bar 150 mm	900/21	MC20MH
1	1/4" drive universal joint	900/25	MC20MH
1	1/4" male square drive	900BG/31C	MC20MH
1	1/4" drive swivel T-handle	900/42	MC20MH
1	1/4" reversible ratchet ⑯	900/55	MC20MH
16	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm	920A	MC20MH
1	1/2" drive universal joint	920/25	MC20MH
1	1/2" wobble extension bar 125 mm	920AN/125	MC20MH
1	1/4" drive swivel T-handle	900/42	MC20MH
1	1/2" reversible ratchet ⑰	920/55	MC20MH
1	socket holder	895/1	MC20MH

5927VU/M	059271021

Assortment recommended in combination with RSC22 - C27S - RSC23 - RSC23C

5957U-P

assortment of 133 tools

► Universal use

Quantity	Description	Beta N.
6	pin punches 2 ÷ 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17	combination wrenches 6÷22 - 24 - 27 - 30 mm	42/S17X
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	55
8	offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
8	offset key wrenches, for Torx® head screws ✪ T9 ÷ T40	97TX/SC8
1	Adjustable wrench 250 mm	111E
13	1/2" square drive hexagon sockets with rail ◎ 10 ÷ 22 mm	920A/SB13
8	1/2" square drive hexagon sockets with rail ◎ 23 ÷ 32 mm	920A/SB8
7	socket drivers for cross head Phillips® screws ◐ ✪ 1,2x65 - 1,2x8 - 1,6x9 - 2x12mm - PH1-PH2-PH3	920LH/SB7
1	circlip pliers straight, internal ⌔ 180 mm	1032
1	circlip pliers bent, internal ⌔ 170 mm	1034
1	circlip pliers straight, external ● 175 mm	1036
1	circlip pliers bent, external ● 175 mm	1038
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades 147 mm	1128BMX
8	2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - PH0 - PH1 - PH2	1223/D8P
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692/5
1	flexible magnetic pick-up tool	1712E/2
1	50 mm	1479RB/3
1	30 mm	1479RB/1
5	second cut files 200 mm	1719BMA8/S5
1	Metal pressure oil can 200 cc	1751N
1	snap - off blade utility knife 170 mm	1771BM
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 250 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet ⓡ	920/55
1	pry bar	963
1	Diagonal cutting nippers ⧓ 160 mm	1082BM
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	toggle lever assisted end cutting nippers ⧓ 180 mm	1092V
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM
1	Extra-long needle nose pliers ◐ 160 mm	1166BM
1	Extra-long bent needle nose pliers ◐ 160 mm	1168BM
2	Screwdrivers for slotted head screws ◐ 8x200 - 10x200 mm	1221
1	Screwdrivers for cross head Phillips® screws ✪ PH3x150mm	1222
1	sliding gauge	1650
1	hacksaw frame, aluminium handle 420 mm	1725

5957U-P	059571004

Assortment recommended in combination with C57SA - C57SB - C57SP - C55PS - C55PSE - RSC55 - RSC50 2.0 I - RSC50 2.0 L

5958U

Assortment of 85 tools

► Universal use

Quantity	Description	Beta N.
17	combination wrenches 6÷22 mm	42
12	offset hexagon key wrenches ○ 2÷10 mm	96N/SC12
13	1/2" square drive hexagon sockets with rail ◎ 10÷22 mm	920A/SB13
8	1/2" square drive hexagon sockets with rail ◎ 23÷32 mm	920A/SB8
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet	920/55
1	circlip pliers straight, internal ○ 180 mm	1032
1	circlip pliers straight, external ● 175 mm	1036
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	Heavy-duty diagonal cutting nippers 160 mm	1084BM
1	electrician's scissors, straight blades 147 mm	1128BMX
1	combination pliers bright chrome-plated, bi-material handles 180 mm	1150BM
1	Extra-long needle nose pliers ◖ 160 mm	1166BM
7	screwdrivers for slotted head screws ◖ 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 8x200 - 10x200 mm	1221
4	screwdrivers ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1222/S4
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692
5	Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1	hacksaw frame, aluminium handle	1725
1	plastic oil can 150 cc	1754
1	snap - off blade utility knife 170 mm	1771

5958U	059581008

Assortment recommended in combination with C58P - C45PRO 2.0 - RSC55 - RSC50 2.0 E - RSC50 2.0 F - RSC50 2.0 G - RSC50 2.0 H - RSC50 2.0 I - RSC50 2.0 L

5980U/BIKE

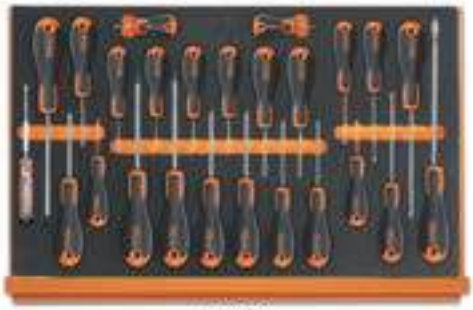
assortment of 90 tools

► Bicycle repairs

Quantity	Description	Beta N.
5	combination wrenches 8-9-10-13-14 mm	42
9	ball head offset hexagon key wrenches burnished ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96BP/SC9
8	offset hexagon key wrenches 2-2,5-3-4-5-6-8-10 mm	96T/S8
8	drivers for Torx® head screws, with handles ○ T8-T10-T15-T20-T25-T27-T30-T40	97TTX
1	Adjustable wrench 200 mm	111E
1	pipe cutter for copper and light alloy pipes	334
1	click-type torque wrenches with reversible ratchets 2÷10 Nm	605E
13	◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900/SB13
1	1/4" drive extension bar	900/21
1	1/4" drive universal joint	900/25
1	1/4" reversible ratchet ⓡ	900/55N
1	diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ⧓ 160 mm	1082G
1	electrician's scissors, straight blades 145 mm	1128BM
1	heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish 〓 180 mm	1150G
1	extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ◐ 180 mm	1166G
7	3x75-4x125-5,5x150-6,5x150-PH0x60-PH1x80-PH2x100 mm	1203E/D
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	sliding gauge 150 mm	1650
1	measuring tape 3 m	1692/3
1	second-cut flat files 200 mm	1719BMA...P
1	second-cut half-round files 200 mm	1719BMA...M
1	second-cut round files 200 mm	1719BMA...R
1	hacksaw frame, aluminium handle 300 mm	1725
1	snap - off blade utility knife 170 mm	1771
1	chain wear indicator 120 mm	3935
1	missing link pliers 170 mm	3937
7	set of 7 simple cone wrenches 13-14-15-16-17-18-19 mm	3952/S7
1	pedal wrench 15 mm	3953
1	spoke wrench, black, 3.2 mm □	3961 3,2
1	spoke wrench, green, 3.3 mm □	3961 3,3
1	spoke wrench, red, 3.5 mm □ 3	3961 3,5
1	professional spoke wrench, 3.2 - 4.0 mm □ 3,2 - 4,0 mm	3961U
1	sprocket removal wrench with chain whip 289 mm	3967
1	tyre lever 200 mm	3969
3	kit with 3 tyre levers, made of plastic 113 mm	3969K3
1	lever for pushing back disc brake pads 222 mm	3991
1	disc brake straightener 234 mm	3992

5980U/BIKE	059801040

Assortment recommended in combination with CP17 - CP17L - C20L



5980U/BIKE-M

assortment of 106 bicycle repair and maintenance tools

▶

Quantity	Description	Beta N.	TR
16	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm	42	M05
8	offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm	96T	M50
5	drivers for Torx® head screws, with handles ✪ TX10-TX15-TX20-TX25-TX30	97TTX	M55
1	Heavy-duty diagonal cutting nippers ⟨ 160 mm	1084	M137
1	combination pliers bright chrome-plated 〓 160 mm	1150	M137
1	Extra-long needle nose pliers ◖ 160 mm	1166	M137
6	screwdriver for slotted head screws ◖ 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm	1201E	M213
1	screwdriver for slotted head screws, extra-short series ◖ 4x30 mm	1201EN	M213
4	screwdriver for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100-PH3x150 mm	1202E	M213
1	screwdriver for cross head Phillips® screws, extra-short series ✪ 4,5x30 mm	1202EN	M213
12	screwdrivers for Torx® head screws, with handles ✪ TX6-TX7-TX8-TX9-TX10-TX15-TX20-T25-TX27-TX30-TX40-TX45	1207E/TX	M213
1	mains testing screwdriver ◖	1253	M213
1	engineer's hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234
2	flat chisels, ribbed type 100-200 mm	35	M234
1	Set of 5 second-cut files, with handles 200 mm	1719BMA...S5	M236
1	measuring tape 5 m	1692	M294
1	mini hacksaw frame 250 mm	1725CR	M294
1	snap - off blade utility knife 170 mm	1771	M294
1	18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD	1771RL	M294
1	professional chain tool	3932U/13	M400
1	chain wear indicator	3935	M400
1	missing link pliers	3937	M400
7	simple cone wrench 13-14-15-16-17-18-19 mm	3952	M400
1	spoke wrench, black, 3.2 mm □ 3,2 mm	3961 3,2	M400
1	spoke wrench, green, 3.3 mm □ 3,3 mm	3961 3,3	M400
1	spoke wrench, red, 3.5 mm □ 3,5 mm	3961 3,5	M400
1	professional spoke wrench, 3.2 - 4.0 mm □ 3,2-4,0 mm	3961U	M400
1	tyre lever	3969	M400
1	kit with 3 tyre levers, made of plastic	3969K3	M400
1	16-notch bottom bracket removal socket 39 mm	3973/1	M400
1	16-notch bottom bracket removal socket 41 mm	3973/2	M400
1	16-notch bottom bracket removal socket 46 mm	3973/3	M400
1	20-notch bottom bracket removal socket with central pin, nickel-plated 31,5 mm	3973/4	M400
1	BMX freewheel removal wrench, 2 grafts 35 mm	3984/1	M400
1	Shimano freewheel removal wrench 22,8 mm	3984/2	M400
1	Shimano freewheel removal wrench, cassette with guide pin 23,5 mm	3984/3	M400
1	Campagnolo freewheel removal wrench, with guide pin 23 mm	3984/4	M400
1	lever for pushing back disc brake pads	3991	M400
1	disc brake straightener	3992	M400
1	derailleur hanger alignment gauge	3921	M401
1	crank extractor	3948	M401
1	pedal wrench	3953	M401
2	open end wrenches for universal headsets 30x32-32x36 mm	3955	M401
1	sprocket removal wrench with chain whip	3967	M401
1	wrench for Shimano plastic bolts	3971	M401

5980U/BIKE-M	059801050

M125

M25

M105MH

M166MH

M231

M62

M78

5988H/7M

assortment of 333 tools in EVA foam trays

► Car repairs

Quantity	Description	Beta N.	TR
13	hexagon hand sockets ⬡ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm	910AL	M125
16	hexagon hand sockets ⬡ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm	920AL	M125
7	1/2" sockets for Torx® head screws ⬡ E12-E14-E16-E18-E20-E22-E24	920FTX	M125
10	1/2" socket drivers for hexagon screws ⬡ 5-6-6L-7-8-8L-10-10L-12-12L mm	920PE	M125
13	1/2" drive, socket drivers for Torx® head screws ✪ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L	920TX	M125
8	1/2" socket drivers with XZN® profile ⬡ 5-6-6-6L-8-8L-10-10L-12L mm	920XZN	M125
18	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm	42	M25
7	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x1516x17-18x19 mm	90	M25
1	quick release adaptor, 1/4", for 10 mm ratcheting wrenches	123Q1/4	M25
1	quick release adaptor, 3/8", for 13 mm ratcheting wrenches	123Q3/8	M25
1	quick release adaptor, 1/2", for 19 mm ratcheting wrenches	123Q1/2	M25
12	reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm	142	M25
9	ball head offset hexagon key wrenches ⬡ 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	M105MH
1	socket holder ⬡1/4-□1/4	895/1	M105MH
1	socket holder ⬡1/4-□3/8	895/3	M105MH
1	socket holder ⬡5/16-□1/2	895/6	M105MH
13	1/4" hexagon sockets ⬡ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	M105MH
9	hexagon hand sockets, long series ⬡ 5-6-7-8-9-10-11-12-13 mm	900L	M105MH
4	1/4" socket drivers for slotted head screws ◖ 0,8x4-1x5,5-1,2x6,51,2x8 mm	900LP	M105MH
5	1/4" socket drivers for hexagon screws ⬡ 3-4-5-6-7 mm	900ME	M105MH
4	1/4" socket drivers for cross head Phillips® screws ✪ PH1-PH2-PH3-PH4	900PH	M105MH
7	socket drivers for Torx® head screws ✪ T10-T15-T20-T25-T27-T30-T40	900TX	M105MH
1	adaptor, 1/4" female and 3/8" male drives □1/4-■3/8	900/16	M105MH
3	1/4" drive extension bar 50-100-150 mm	900/...	M105MH
1	1/4" drive universal joint	900/25	M105MH
1	1/4" drive swivel T-handle	900/42	M105MH
1	1/4" reversible ratchet Ⓡ	900/55N	M105MH
1	1/4" male square drive	900BG/31	M105MH
17	3/8" hexagon hand sockets ⬡ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	910A	M105MH
1	adaptor, 3/8" female and 1/4" male drivers □3/8-■1/4	910/15	M105MH
1	adaptor, 1/2" female and 3/8" male drives □3/8-■1/2	910/16	M105MH
1	3/8" extension bar 125 mm	910/21	M105MH
1	3/8" extension bar 250 mm	910/22	M105MH
1	3/8" drive universal joint	910/25	M105MH
1	3/8" drive sliding T - handle	910/42	M105MH
1	3/8" reversible ratchet Ⓡ	910/55	M105MH
21	1/2" square drive hexagon sockets ⬡ 8-1011-12-13-4-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A	M105MH
2	1/2" wobble extension bar 125-250 mm	920AN	M105MH
1	adaptor, 1/2" female and 3/8" male drives □1/2-■3/8	920/15	M105MH
1	1/2" drive universal joint	920/25	M105MH
1	1/2" drive sliding T-handle	920/42	M105MH
1	1/2" reversible ratchet Ⓡ	920/55	M105MH
3	3/8" square drive spark plug sockets ⬡ 16-17,8-20,8 mm	956E	M105MH
31	30 bits with quick release magnetic bit holder, ◖ ⬡ ✪ ✪ ⊛	861MIX/A31	M166MH
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	M166MH
1	Diagonal cutting nippers ⧓ 160 mm	1082BM	M166MH
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	M166MH
1	Extra-long flat knurled nose pliers 〓 160 mm	1162BM	M166MH
5	Screwdrivers for slotted head screws ◖ 3x75-4x100-5,5x100-6,5x150-8x150 mm	1221	M166MH
1	Screwdrivers for slotted head screws, extra-short series ◖ 6,5x30 mm	1221N	M166MH
3	Screwdrivers for cross head Phillips® screws ✪ PH1x80 - PH2x100 - PH3x150 mm	1222	M166MH
1	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH2x30 mm	1222N	M166MH
4	Screwdrivers for Torx® head screws, with handles ✪ T20-T25-T27-T30	1227TX	M166MH
6	pin punches 2-3-4-5-6-8 mm	31	M231
1	centre punch 4 mm	32	M231
3	flat chisels 125-150-75 mm	34	M231
1	cape chisels, standard type 125 mm	36	M231
2	engineer's hammer 500-1000 g	1370	M231
1	telescopic magnet with flexible head	1712TF	M231
1	soft face hammer Ø 35 mm	1390	M231
1	measuring tape 5 m	1692	M125
1	circlip pliers straight, internal ⊙ 180 mm	1032	M62
1	circlip pliers bent, internal ⊙ 170 mm	1034	M62
1	circlip pliers straight, external ● 175 mm	1036	M62
1	circlip pliers bent, external ● 175 mm	1038	M62
1	smooth half - round long needle nose pliers ◖ 140 mm	1177BM	M62
1	diagonal cutting nippers ⧓ 125 mm	1188BM	M62
4	micro-screwdrivers for slotted head screws ◖ 2,0-2,5-3,0-3,5 mm	1257LP	M62
2	micro-screwdrivers for cross-head Phillips® screws ✪ 0-00	1257PH	M62
9	drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30-T40-T45-T50	97TTX	M62
1	self - locking pliers 240 mm	1052	M78
1	adjustable self locking pliers, long jaws 175 mm	1058	M78
1	plastic hose pliers	1481PL/A	M78
1	plastic hose pliers	1481PL/B	M78
1	plastic hose pliers	1481PL/C	M78
1	sliding gauge	1650	M78
1	metric feeler gauge	1708/20	M78
1	packing scraper	1716P	M78
7	double swivel end socket wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	80	M78
1	1/2" drive swivel handle	920/36A	M78
1	pry bar with handle 450 mm	965	M78
1	telescopic joint inspection mirror 670 mm	1715	M231
1	second cut files 200 mm	1719BMA8/M	M231
1	second cut files 200 mm	1719BMA8/P	M231
1	second cut files 200 mm	1719BMA8/Q	M231
1	second cut files 200 mm	1719BMA8/R	M231
1	second cut files 200 mm	1719BMA8/T	M231
1	Steel wire brush	1737NX	M231

5988H/7M 059881087

Assortment recommended in combination with RSC24/8 - RSC24A/8 - RSC24XL with 8-9 drawers - RSC24AXXL - RSC28 C37/8 - C39/8 - C59B - C55C8 - C55M8 - RSC55 - RSC50 2.0 - C58BC

M105MH

M125

M25

M166MH

5988L/4M

assortment of 273 tools in EVA foam trays

► Car repairs

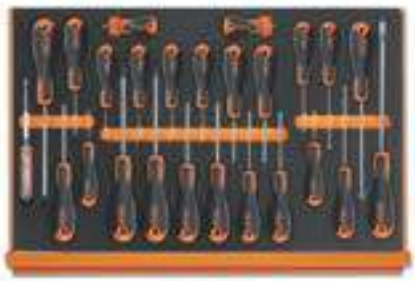
Quantity	Description	Beta N.	TR
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	M105MH
9	hexagon hand sockets, long series ◎ 5-6-7-8-9-10-11-12-13 mm	900L	M105MH
9	ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	M105MH
1	socket holder	895/1	M105MH
1	socket holder	895/3	M105MH
1	socket holder	895/6	M105MH
5	1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm	900ME	M105MH
4	1/4" socket drivers for slotted head screws ◐ 0,8x4-1x5,5-1,2x6,5-,2x8 mm	900LP	M105MH
4	1/4" socket drivers for cross head Phillips® screws ✪ PH1-PH2-PH3-PH4	900PH	M105MH
7	socket drivers for Torx® head screws ✪ T10-T15-T20-T25-T27-T30-T40	900TX	M105MH
1	adaptor, 1/4" female and 3/8" male drives □ 1/4 - ■ 3/8	900/16	M105MH
3	1/4" drive extension bar 50-100-150 mm	900/...	M105MH
1	1/4" drive universal joint	900/25	M105MH
1	1/4" male square drive	900BG/31	M105MH
1	1/4" drive swivel T-handle	900/42	M105MH
1	1/4" reversible ratchet	900/55N	M105MH
17	3/8" hexagon hand sockets ◎ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	910A	M105MH
1	adaptor, 3/8" female and 1/4" male drivers □ 3/8 - ■ 1/4	910/15	M105MH
1	adaptor, 1/2" female and 3/8" male drives □ 3/8 - ■ 1/2	910/16	M105MH
1	3/8" extension bar 125 mm	910/21	M105MH
1	3/8" extension bar 250 mm	910/22	M105MH
1	3/8" drive universal joint	910/25	M105MH
1	3/8" drive sliding T - handle	910/42	M105MH
1	3/8" reversible ratchet	910/55	M105MH
17	1/2" square drive hexagon sockets ◎ 8-10-11-12-13-14-15-16-17-18 19-20-21-22-23-24-26-27-28-30-32 mm	920A	M105MH
1	adaptor, 1/2" female and 3/8" male drives □ 1/2 - ■ 3/8	920/15	M105MH
1	3/8" drive universal joint	910/25	M105MH
2	1/2" wobble extension bar 125 - 250 mm	920AN	M105MH
1	1/2" drive sliding T-handle	920/42	M105MH
1	1/2" reversible ratchet	920/55	M105MH
3	3/8" square drive spark plug sockets ◎ 16-17,8-20,8 mm	956E	M105MH
13	hexagon hand sockets ◎ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm	910AL	M125
10	1/2" socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm	920PE	M125
7	1/2" sockets for Torx® head screws ◎ E12-E14-E16-E18-E20-E22-E24	920FTX	M125
13	1/2" drive, socket drivers for Torx® head screws ✪ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L	920TX	M125
8	1/2" socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm	920XZN	M125
16	hexagon hand sockets ◎ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm	920AL	M125
1	measuring tape 5 m	1692/5	M125
18	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm	42	M25
7	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	M25
1	quick release adaptor, 1/4", for 10 mm ratcheting wrenches	123Q1/4	M25
1	quick release adaptor, 3/8", for 13 mm ratcheting wrenches	123Q3/8	M25
1	quick release adaptor, 1/2", for 19 mm ratcheting wrenches	123Q1/2	M25
12	reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm	142	M25
31	30 bits with quick release magnetic bit holder, ◐ ○ ✪ ✪ ✪	861MIX/A31	M166MH
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	M166MH
1	Diagonal cutting nippers 160 mm	1082BM	M166MH
1	combination pliers bright chrome-plated, bi-material handles 180 mm	1150BM	M166MH
1	Extra-long flat knurled nose pliers 160 mm	1162BM	M166MH
5	Screwdrivers for slotted head screws ◐ 3x75-4x100-5,5x100-6,5x150-8x150 mm	1221	M166MH
1	Screwdrivers for slotted head screws, extra-short series ◐ 6,5x30 mm	1221N	M166MH
3	Screwdrivers for cross head Phillips® screws ✪ 4,5x80-6x100-8x150 mm	1222	M166MH
1	Screwdrivers for cross head Phillips® screws, extra-short series ✪ 6x30 mm	1222N	M166MH
4	Screwdrivers for Torx® head screws, with handles ✪ T20-T25-T27-T30	1227TX	M166MH

5988L/4M	059881088

Assortment recommended in combination with items RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB C37- C39 - C39T - C39SM - C39MD - RSC55 - RSC50 2.0 - C59 - C58BC - C57

M01

M30



M213

M230

M129

M100MH

5988U6/M

assortment of 214 tools in EVA foam trays

► Universal use

Quantity	Description	Beta N.	TR
22	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm	42	M01
11	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm	55	M30
11	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm	90	M30
9	ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	M30
6	screwdriver for slotted head screws ◐ 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm	1201E	M213
1	screwdriver for slotted head screws, extra-short series ◐ 4x30 mm	1201EN	M213
4	screwdriver for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100-PH3x150 mm	1202E	M213
1	screwdriver for cross head Phillips® screws, extra-short series ✪ PH1x30 mm	1202EN	M213
12	screwdrivers for Torx® head screws, with handles ✪ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45	1207E/TX	M213
1	mains testing screwdriver ◐	1253	M213
3	drift punches Ø 2-3-4 mm	30	M230
6	pin punches Ø 2-3-4-5-6-8 mm	31	M230
1	centre punch Ø 4 mm	32	M230
1	flat chisels 150 mm	34	M230
2	flat chisels, ribbed type 200-250 mm	35	M230
1	cape chisels, standard type 125 mm	36	M230
1	engineer's hammer 500 g	1370	M230
1	soft face hammer Ø 35 mm	1390	M230
1	measuring tape 3 m	1692	M230
1	telescopic magnet with flexible head	1712TF	M230
1	second-cut square files 200 mm	1719BMA...Q	M230
1	second-cut triangular files 200 mm	1719BMA...T	M230
1	second-cut flat files 200 mm	1719BMA...P	M230
1	second-cut half-round files 200 mm	1719BMA...M	M230
1	second-cut round files 200 mm	1719BMA...R	M230
1	Steel wire brush	1737NX	M230
1	snap - off blade utility knife 170 mm	1771	M230
1	circlip pliers straight, internal ○ 180 mm	1032	M129
1	circlip pliers bent, internal ○ 170 mm	1034	M129
1	circlip pliers straight, external ● 175 mm	1036	M129
1	circlip pliers bent, external ● 175 mm	1038	M129
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	M129
1	self - locking pliers 240 mm	1052	M129
1	Diagonal cutting nippers ⧓ 160 mm	1082BM	M129
1	construction worker's pincers 220 mm	1098	M129
1	compound leverage shears, straight blades 250 mm	1122	M129
1	electrician's scissors, straight blades 145 mm	1128BMX	M129
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	M129
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	M129
1	Extra-long bent needle nose pliers ◐ 160 mm	1168BM	M129
1	socket holder	895/1	M100MH
1	socket holder	895/3	M100MH
1	socket holder	895/6	M100MH
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	M100MH
9	hexagon hand sockets, long series ◎ 5-6-7-8-9-10-11-12-13 mm	900L	M100MH
5	1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm	900ME	M100MH
4	1/4" socket drivers for slotted head screws ◐ 0,8x4-1x5,5-1,2x6,5-1,2x8 mm	900LP	M100MH
4	1/4" socket drivers for cross head Phillips® screws ✪ PH1-PH2-PH3-PH4	900PH	M100MH
7	socket drivers for Torx® head screws ✪ T10-T15-T20-T25-T27-T30-T40	900TX	M100MH
1	1/4" drive extension bar 50 mm	900/20	M100MH
1	1/4" drive extension bar 100 mm	900/20L	M100MH
1	1/4" drive extension bar 150 mm	900/21	M100MH
1	1/4" drive universal joint	900/25	M100MH
1	1/4" male square drive	900BG/31	
1	1/4" drive swivel T-handle	900/42	M100MH
1	1/4" reversible ratchet ⓡ	900/55N	M100MH
21	1/2" square drive hexagon sockets ◎ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A	M100MH
1	adaptor, 1/2" female and 3/8" male drives 125 mm	920/15	M100MH
1	1/2" drive universal joint 250 mm	920/25	M100MH
1	1/2" wobble extension bar	920AN/125	M100MH
1	1/2" wobble extension bar	920AN/250	M100MH
1	1/2" drive sliding T-handle	920/42	M100MH
1	1/2" reversible ratchet ⓡ	920/55	M100MH
8	1/2" sockets for Torx® head screws ◎ 10-12-14-16-18-20-22-24 mm	920FTX	M100MH
11	hexagon hand sockets ◎ 10-12-13-14-15-16-17-18-19-21-22 mm	920AL	M100MH

5988U6/M	059881430

Assortment recommended in combination with RSC24 with 8 drawers - RSC24A with 8 drawers - RSC24AXL with 8-9 drawers - RSC24AXLP/7 RSC24AXXL - RSC28 - C37 with 8 drawers - C39 with 8 drawers - C39SM - C39MD - RSC55 - RSC50 2.0 - C59B - C58BC

MB65

MB64

MB63

5935ET/1MB

assortment of 96 tools for tool chest C35, in EVA foam trays

► Electrotechnical maintenance

Quantity	Description	Beta N.	TR
1	self - locking pliers 240 mm	1052	MB65
1	engineer's hammer 500 g	1370	MB65
1	soft face hammer Ø 35 mm	1390	MB65
1	second-cut square files 200 mm	1719BMA...Q	MB65
1	second-cut flat files 200 mm	1719BMA...P	MB65
1	second-cut triangular files 200 mm	1719BMA...T	MB65
1	second-cut half-round files 200 mm	1719BMA...M	MB65
1	second-cut round files 200 mm	1719BMA...R	MB65
1	flat chisels, ribbed type 200 mm	35	MB65
1	circlip pliers straight, internal 180 mm	1032	MB65
1	circlip pliers bent, internal 170 mm	1034	MB65
1	circlip pliers straight, external 175 mm	1036	MB65
1	circlip pliers bent, external 175 mm	1038	MB65
1	Heavy-duty diagonal cutting nippers 160 mm	1084BM	MB65
1	combination pliers bright chrome-plated, bi-material handles 180 mm	1150BM	MB65
1	Extra-long needle nose pliers 160 mm	1166BM	MB65
9	ball head offset hexagon key wrenches 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	MB63
1	mains testing screwdriver	1253	MB63
6	hexagon nut spinners with handles 5,5-6-7-8-10-13 mm	943MQ	MB63
4	screwdrivers for cross head Phillips® screws, 1000V PH0x60-PH1x80-PH2x100-PH3x150 mm	1272MQ	MB63
6	screwdrivers for headless slotted screws, 1000V 2,5x75-3x100-4x100-5,5x125-6x150-8x175 mm	1274MQ	MB63
31	bits with magnetic quick release bit holder in plastic case	860MIX/A31	MB63
1	magnetic bit holder, insulated	850MQ	MB63
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15 - 16x17-18x19-20x22 mm	55	MB64
1	slip joint pliers, boxed joint 250 mm	1048MQ	MB64
1	diagonal cutting nippers 1000V 140 mm	1082MQ	MB64
1	electrician's scissors, straight blades, with countersink 148 mm	1128BSX	MB64
1	cable cutter 230 mm	1132MQ	MB64
1	wire stripping pliers 160 mm	1142MQ	MB64
1	combination pliers 1000V 180 mm	1150MQ	MB64
1	extra long needle nose pliers, 1000V, 160 mm	1166MQ	MB64
1	extra long bent needle nose pliers 160 mm	1168MQ	MB64
1	adjustable wrench, 1000V 250 mm	110MQ	MB64
1	utility knife, 1000V	1777MQ	MB64
1	bent knurled point spring tweezers, 1000V	993MQ	MB64
1	crimping pliers for insulated terminals	1602	MB64

5935ET/1MB	059351332

Assortment recommended in combination with C35

5980ET/A

assortment of 70 tools

► Electrotechnical maintenance

Quantity	Description	Beta N.
1	centre punch Ø 4 m	32
1	flat chisels, ribbed type 150 mm	35
8	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8N
8	offset hexagon key wrenches, long series ○ 2÷10 mm	96LC/SC8
1	Adjustable wrench 200 mm	111E
1	magnetic bit holder, insulated Ⓜ	850MQ
10	10 bits with magnetic bit holder, in pocket case ◖ ✪ ✪	861MIX/A10
1	slip joint pliers, boxed joint 250 mm	1048MQ
1	Diagonal cutting nippers ⧓ 160 mm	1082BM
1	electrician's scissors, straight blades, with countersink 148 mm	1128BSX
1	cable cutter 170 mm	1132BM
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM
1	Extra-long needle nose pliers ◖ 160 mm	1166BM
1	Extra-long bent needle nose pliers ◖ 160 mm	1168BM
1	500 mm	1713M
1	second cut files 200 mm	1719BMA8/Q
1	mains testing screwdriver ◖	1253
5	screwdriver for slotted head screws ◖ 2,5x75 - 3,5x100 - 5,5x125 - 6,5x150 mm	1201E
1	screwdriver for slotted head screws, extra-short series ◖ 4x30 mm	1201EN
4	screwdriver for cross head Phillips® screws ✪ PH0x60 - PH1x120 - PH2x150 - PH3x150 mm	1202E
1	screwdriver for cross head Phillips® screws, extra-short series ✪ PH2x30 mm	1202EN
4	screwdrivers for cross head Phillips® screws, 1000V ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5	screwdrivers for headless slotted screws, 1000V ◖ 5,5x125 - 3x100 - 4x100 - 6,5x150 - 8x175 mm	1274MQ
1	flat chisel with side cutter	1343
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	crimping pliers for insulated terminals	1602
1	PVC electrical tape 25 m	BMESB1925NE
1	measuring tape 5 m	1692
1	second-cut half-round files 200 mm	1719BMA...M
1	second-cut round files 200 mm	1719BMA...R
1	hacksaw frame, aluminium handle	1725
1	fold - away knife	1777BM

5980ET/A	059801083

Assortment recommended in combination with C12 - 2031/TV - 2028/VV

5980ET/B

assortment of 64 tools

► Electrotechnical maintenance

Quantity	Description	Beta N.
3	pin punches Ø 2 - 3 - 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
8	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8N
9	ball head offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96BPC/SC9
1	deburrer 150 mm	345SB
6	hexagon nut spinners with handles 1000V ◎ 5,5 - 6 - 7 - 8 - 10 - 13 mm	943MQ/S6
1	slip joint pliers, boxed joint 250 mm	1048MQ
1	diagonal cutting nippers 1000V ⧓ 160 mm	1082MQ
1	electrician's scissors, straight blades, with countersink 148 mm	1128BSX
1	cable cutter 230 mm	1132MQ
1	wire stripping pliers ⧓ 160 mm	1142MQ
1	combination pliers 1000V 〓 180 mm	1150MQ
1	extra long needle nose pliers, 1000V, ◖ 160 mm	1166MQ
1	mains testing screwdriver ◖	1253
3	screwdrivers for cross head Phillips® screws, 1000V ✪ PH0x60 - PH1x80 - PH2x100 mm	1272MQ
4	screwdrivers for headless slotted screws, 1000V ◖ 3x100 - 4x100 - 5,5x125 - 6,5x150 mm	1274MQ
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	crimping pliers for insulated terminals	1602
1	flexible graduated rule 250 mm	1682
1	engineer's scriber 250 mm	1688
1	measuring tape 5 m	1692
1	spirit level, made of aluminium 200 mm	1696
1	electrician's chisel 10x200 mm	1701NE3
1	chalk line reel	1705
1	square flexible inspection mirror 600 mm	1715FL/A
1	second cut files 200 mm	1719BMA8/M
1	second cut files 200 mm	1719BMA8/R
1	spring puller	1723
1	hacksaw frame, aluminium handle	1726BM
1	bristle brush	1738
1	fitting tool for nylon ties	1743
1	plastic oil can 150 cc	1754
100	nylon cable ties, black UV resistant 3,6x200 mm	1748N
100	nylon cable ties, black UV resistant 4,8x300 mm	1748N
1	snap - off blade utility knife 170 mm	1771BM
1	soldering iron 30 W	1814M
1	LED inspection torch, made of sturdy anodized aluminium	1833XS/2

5980ET/B	059801084

Assortment recommended in combination with C12 - 2029/VV - 2033L/VV - 2036/TV - 2038/TV

5980MQ

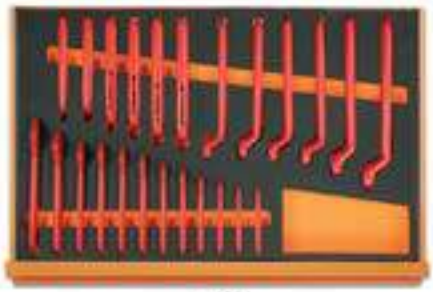
assortment of 46 tools

► Electrotechnical maintenance

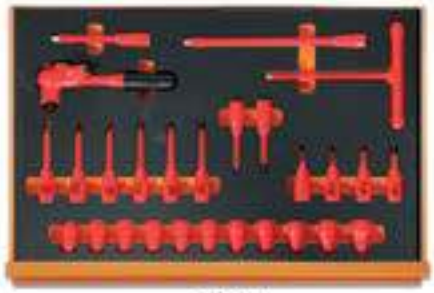
Quantity	Description	Beta N.
7	single open end wrenches, 1000V 10 - 12 - 13 - 14 - 17 - 19 - 22 mm	52MQ
1	adjustable wrench, 1000V 250 mm	110MQ
6	hexagon nut spinners with handles ◎ 5,5 - 6 - 7 - 8 - 10 - 13 mm	943MQ
4	T-handle wrenches with hexagon male ends ○ 4 - 5 - 6 - 8 mm	951MQ
1	bent knurled point spring tweezers, 1000V	993MQ
1	slip joint pliers, boxed joint 250 mm	1048MQ
1	diagonal cutting nippers 1000V ⧓ 160 mm	1082MQ
1	electrician's scissors 145 mm	1128MQ
1	wire stripping pliers ⧓ 160 mm	1142MQ
1	combination pliers 1000V 〓 180 mm	1150MQ
1	extra-long bent flat nose pliers 〓 160 mm	1164MQ
1	extra long needle nose pliers, 1000V, ◖ 160 mm	1166MQ
1	mains testing screwdriver ◖	1253
4	screwdrivers for cross head Phillips® screws, 1000V ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5	screwdrivers for headless slotted screws, 1000V ◖ 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm	1274MQ
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692
1	electrician's chisel 200 mm	1701NE/3
1	mini - hacksaw frame, 1000V	1725MQ
2	utility knife, 1000V	1777MQ
1	soldering iron 30 W	1814M
1	high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens	1833S
1	voltage and continuity tester, 1000 V	1760PT/N

5980MQ	059801257

Assortment recommended in combination with 2029/VV



M49



M108

M161

5988 VHB-MQ

assortment of 66 tools in EVA foam trays

► Electrotechnical maintenance

Quantity/Description		Beta N.	TR
12	single open end wrenches, 1000V 7-8-10-11-12-13-14-15-16-17-19-22 mm	52MQ	M49
12	single ring wrenches 7-8-10-11-12-13-14-15-16-17-19-22 mm	89MQ	M49
4	socket drivers for hexagon screws ○ 4-5-6-8 mm	910MQ/PE	M108
11	bi-hex sockets ○ 7-8-10-11-12-13-14-15-16-17-19 mm	910MQ/B	M108
6	socket drivers for Torx® head screws ✪ T15-T20-T25-T27-T30-T40	910MQ/TX	M108
2	socket drivers with XZN® profile ○ 8-10 mm	910MQ/XZN	M108
1	3/8" drive extension 125 mm	910MQ/21	M108
1	3/8" drive extension 250 mm	910MQ/22	M108
1	3/8" drive, T-handle	910MQ/T	M108
1	3/8" drive reversible ratchet	910MQ/55	M108
1	electrician's scissors 145 mm	1128MQ	M161
1	slip joint pliers, boxed joint 250 mm	1048MQ	M161
1	diagonal cutting nippers 1000V ⧓ 160 mm	1082MQ	M161
1	combination pliers 1000V 〓 180 mm	1150MQ	M161
1	extra long flat nose pliers 〓 160 mm	1162MQ	M161
1	extra-long bent flat nose pliers 〓 160 mm	1164MQ	M161
4	screwdrivers for cross head Phillips® screws, 1000V ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ	M161
4	screwdrivers for headless slotted screws, 1000V ◐ 2,5x75 - 3x100 - 4x100 - 5,5x125 mm	1274MQ	M161
1	cable stripping knife, insulated	1777MQ/U	M161

5988 VHB-MQ 059880300

Assortment recommended in combination with items RSC51- RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL RSC24L/7 - RSC24L-CAB - RSC28 - C37 - C39 - C39SM - C39MD - C39T - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5980EL/A

assortment of 57 tools

► Electronics

Quantity/Description		Beta N.
13	4÷14 mm	73/B13N
9	offset hexagon key wrenches ○ 1,5÷10 mm	96N/SC9
1	bent point tweezers 130 mm	991
1	straight thin knurled point pin spring tweezers 150 mm	992
1	cross tweezers 155 mm	998
1	electrician's scissors, straight blades 147 mm	1128BMX
1	wire stripping pliers ⧓ 160 mm	1142BM
1	Extra-long needle nose pliers ◐ 160 mm	1166BM
1	flat nose pliers 〓 140 mm	1172BM
1	smooth half - round long bent needle nose pliers ◐ 140 mm	1178BM/P
1	combination pliers ◐ 140 mm	1178BM
1	diagonal flush cutting nippers ⧓ 120 mm	1185BM
1	diagonal cutting nippers ⧓ 125 mm	1188BM
1	mains testing screwdriver ◐	1253
8	micro-screwdrivers	1257LPH/S8
1	engineer's hammer 200 g	1370
1	measuring tape 5 m	1692
1	telescopic joint inspection mirror	1715
3	needle files	1720/S3
1	spring puller	1723
1	bristle brush	1738
1	Pen oiler	1756
1	snap - off blade utility knife 170 mm	1771
1	18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD	1771RL
1	self-locking round end knurled tool made of stainless steel	1002
1	soldering iron 25 W	1814M
1	de - soldering pump	1830T
1	LED inspection torch, made of sturdy anodized aluminium	1833XS/2

5980EL/A 059801081

Assortment recommended in combination with 2028/VV - 2031/TV - 2033L/VV

5980EL/B

assortment of 98 tools

► Electronics

Quantity	Description	Beta N.
13	4÷14 mm	73/B13N
9	offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9
8	offset key wrenches for Torx® head screws ✪ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/BG8
1	Adjustable wrench 150 mm	111E
18	set of 13 hexagon sockets and 5 accessories, 1/4" square drive	900/C13-5
1	straight thin knurled point spring tweezers 130 mm	990
1	bent point tweezers 130 mm	991
1	extra slim short end spring tweezers 120 mm	999A
1	electrician's scissors, straight blades 147 mm	1128BMX
1	front wire stripping pliers, self - adjusting 170 mm	1149F
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM
1	flat nose pliers 〓 140 mm	1172BM
1	smooth half - round long needle nose pliers ◖ 140 mm	1177BM
1	smooth half - round long bent needle nose pliers ◖ 140 mm	1178BM/P
1	diagonal flush cutting nippers, rounded tips ᐸ 120 mm	1184BM
1	diagonal flush cutting nippers, slim tips ᐸ 120 mm	1186BM
1	end flush oblique cutting nippers ᐸ 130 mm	1191BM
8	micro-screwdrivers	1257LPH/S8
1	mains testing screwdriver ◖	1253
1	Screwdrivers for slotted head screws, extra-short series ◖ 6,5x30 mm	1221N
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1222
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N
5	Screwdrivers for headless slotted screws ◖ 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm	1224
1	engineer's hammer 200 g	1370
1	flexible graduated rule 150 mm	1682
1	engineer's scriber 220 mm	1688
1	measuring tape 5 m	1692
1	telescopic joint inspection mirror 670 mm	1715
1	Needle files ●	1720R
1	Needle files ▲	1720T
1	Needle files ▮	1720P
1	spring puller	1723
1	bristle brush	1738
1	Pen oiler	1756
1	snap - off blade utility knife 170 mm	1771BM
1	fold - away knife	1777BM
1	self-locking round end knurled tool made of stainless steel	1002
1	soldering iron 25W	1814M
1	de - soldering pump	1830T
1	LED inspection torch, made of sturdy anodized aluminium	1833XS/2

5980EL/B	059801082

Assortment recommended in combination with 2029/VV - 2033P/VV - 2036TV

5980ID/1

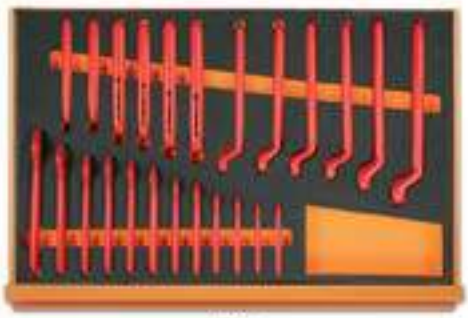
assortment of 24 tools

► Plumbing maintenance

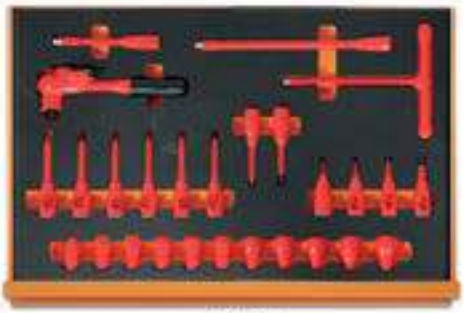
Quantity/Description		Beta N.
1	Adjustable wrench 250 mm	111E
1	Ø 3÷28 mm	332/2
1	pipe cutter for copper and light alloy pipes Ø 3÷30 mm	334
1	Ø 0÷42 mm	342
1	140 mm	345SB2
2	320-410 mm	376
2	slip joint pliers, slip-proof PVC coated handles 175-250 mm	1048N
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, bi-material handles, industrial finish 〓 180 mm	1150GBM
4	screwdriver for slotted head screws ◐ 3x75-4x100-5,5x150-8x150 mm	1201E
2	screwdriver for cross head Phillips® screws ✪ PH1x80-PH2x100	1202E
1	engineer's hammer 500 g	1370
1	folding ruler made of fibreglass precision class III 2 m	1690F
1	measuring tape 5 m	1692/5
1	spirit level, made of aluminium 200 mm	1696
1	second-cut half-round files 200 mm	1719BMA...M
1	Flat rasp 200 mm	1719BM/RL
1	hacksaw frame, aluminium handle	1725

5980ID/1	059801086

Assortment recommended in combination with 2009N/BV - C5 - C5S - C6T - C9MT



M49



M108

M161

5989 VEM

assortment of 85 repair and maintenance tools for hybrid and electric vehicles

► Car repair

Quantity	Description	Beta N.	TR
1	insulating mat	1995MQ/T	
4	plastic posts with fillable bases	7104 90	
1	megohmmeter for high voltage insulating testing	1760OHM/2	
1	voltage and continuity tester, 1000 V	1760PT/N	
1	spare leads for digital multimeters and amperometric clamps	1760DGT-R3	
1	Composite insulating gloves Gr. 10	1997MQ/GM	
1	Pneumatic tester for insulated gloves	1996VPG	
1	plastic barrier chain	7105 6	
2	aluminium warning signs A1, A2	7109A	
2	prohibition signs D2, D3	7109D	
12	single open end wrenches, 1000V 7-8-10-11-12-13-14-15-16-17-19-22 mm	52MQ	M49
12	single ring wrenches 7-8-10-11-12-13-14-15-16-17-19-22 mm	89MQ	M49
4	socket drivers for hexagon screws ○ 4-5-6-8 mm	910MQ/PE	M108
11	bi-hex sockets ○ 7-8-10-11-12-13-14-15-16-17-19 mm	910MQ/B	M108
6	socket drivers for Torx® head screws ✪ TX15-TX20-TX25-TX27-TX30-TX40	910MQ/TX	M108
2	socket drivers with XZN® profile ○ M8-M10	910MQ/XZN	M108
1	3/8" drive extension 140 mm	910MQ/21	M108
1	3/8" drive extension 265 mm	910MQ/22	M108
1	3/8” drive, T-handle 200 mm	910MQ/T	M108
1	3/8" drive reversible ratchet 203 mm	910MQ/55	M108
1	slip joint pliers, boxed joint 250 mm	1048MQ	M161
1	diagonal cutting nippers 1000V ⧓ 160 mm	1082MQ	M161
1	electrician's scissors 145 mm	1128MQ	M161
1	combination pliers 1000V 〓 180 mm	1150MQ	M161
1	extra long flat nose pliers 〓 160 mm	1162MQ	M161
1	extra-long bent flat nose pliers 〓 160 mm	1164MQ	M161
4	screwdrivers for cross head Phillips® screws, 1000V ✪ PH0-PH1-PH2-PH3	1272MQ	M161
4	screwdrivers for headless slotted screws, 1000V ◖ 2,5x75-3x100-4x100-5.5x125 mm	1274MQ	M161
1	cable stripping knife, insulated 190 mm	1777MQ/U	M161

5989 VEM	059890116

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB - RSC28 - C37 - C39 - C39T - C39SM - C39MD - RSC51 - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VG/2M

assortment of 170 tools in EVA foam trays

► Car repairs

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	M05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	M06
1	empty foam tray	VPM3	
8	offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm	96T	M50
5	drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T30	97TTX	M55
7	hexagon bits ○ 4-5-6-7-8-10-12 mm	867PE	M86
7	hexagon bits ○ 4-5-6-7-8-10-12 mm	867PE/L	M86
5	bits with XZN® profile ○ 5-6-8-10-12 mm	867XZN	M86
5	bits with XZN® profile ○ 5-6-8-10-12 mm	867XZN/L	M86
7	bits for Torx® head screws ✪ T20-T25-T30-T40-T45-T50-T55	867TX	M86
6	bits for Torx® head screws ✪ T25-T30-T40-T45-T50-T55	867TX/L	M86
7	bits for Tamper Resistant Torx® head screws ✪ T20-T25-T30-T40-T45-T50-T55	867RTX	M86
1	bit holder sockets for item 867	867/1	M86
1	bit holder sockets for item 867	867/2	M86
5	Screwdrivers for slotted head screws ◖ 3x75 - 3,5x100 - 4x125 - 5,5x150 - 6,5x150 mm	1221	M208MH
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1222	M208MH
1	Screwdrivers for slotted head screws, extra-short series ◖ 4x30 mm	1221N	M208MH
1	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 mm	1222N	M208MH
5	bits for slotted head screws, coloured ◖ 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm	860LP	M85
8	hexagon bits for power drivers, coloured ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	860PE	M85
5	bits for cross head Phillips® screws, coloured ✪ PH0 - PH1 - PH2 - PH3 - PH4	860PH	M85
4	bits for cross head Pozidriv® - Supadriv® screws, coloured ✪ PZ1 - PZ2 - PZ3 - PZ4	860PZ	M85
11	bits for Torx® head screws, coloured ✪ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	860TX	M85
8	bits for Tamper Resistant Torx® head screws, coloured ✪ T9-T10-T15-T20-T25-T27-T30-T40	860RTX	M85
1	Quick release bit holder with handle 230 mm	851E/SR	M85
1	reversible bit ratchet Ⓜ 100 mm	860/55	M85
1	magnetic bit holder extension bar 80 mm	882P	M85
1	adaptors for drivers ■ 1/4 - □ 1/4	892/0	M85
2	flat chisels, ribbed type 100 - 200 mm	35	M234
1	engineer's hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234
1	1/2" wobble extension bar 125 mm	920AN/125	M83
1	1/2" wobble extension bar 250 mm	920AN/250	M83
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" reversible ratchet Ⓜ	920/55	M83
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	M136
1	Extra-long needle nose pliers ◖ 160 mm	1166BM	M136
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM	M136
1	circlip pliers straight, internal ◌ 180 mm	1032	M145
1	circlip pliers bent, internal ◌ 170 mm	1034	M145
1	circlip pliers straight, external ● 175 mm	1036	M145
1	circlip pliers bent, external ● 175 mm	1038	M145

5904VG/2M	059041198

Assortment recommended in combination withRSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB RSC28 - C37 - C39 - C39T - C39SM - C39MD RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VG/2T

assortment of 99 tools in ABS thermoformed trays

► Car repairs

Quantity/Description		Beta N.	TR
16	combination wrenches 6÷21 mm	42	**T05**
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	**T06**
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	**T80**
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	**T80**
1	1/2" drive extension bar 125 mm	920/21	**T80**
1	1/2" drive extension bar 255 mm	920/22	**T80**
1	1/2" drive universal joint	920/25	**T80**
1	1/2" drive sliding T-handle	920/42	**T80**
1	1/2" reversible ratchet ⓡ	920/55	**T80**
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	**T153**
1	self - locking pliers 240 mm	1052	**T153**
1	Heavy-duty diagonal cutting nippers ◥ 160 mm	1084	**T138**
1	Extra-long needle nose pliers ◐ 160 mm	1166	**T138**
1	combination pliers bright chrome-plated 〓 180 mm	1150	**T138**
1	circlip pliers straight, internal ○ 180 mm	1032	**T145**
1	circlip pliers straight, external ● 175 mm	1036	**T145**
1	circlip pliers bent, internal ○ 170 mm	1034	**T145**
1	circlip pliers bent, external ● 175 mm	1038	**T145**
2	flat chisels, ribbed type 100 - 200 mm	35	**T234**
1	engineer's hammer 300 g	1370	**T234**
1	soft face hammer Ø 35 mm	1390	**T234**
4	Screwdrivers for slotted head screws ◐ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1221	**T208**
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1222	**T208**
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	**T33**
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	**T33**
6	offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	**T52**
6	drivers for Torx® head screws, with handles ✪ T10 - T15 - T20 - T25 - T27 - T30	97TTX	**T55**

5904VG/2T 059041191

Assortment recommended in combination with RSC51 - RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB - RSC28 - C37 - C39 - C39SM - C39MD - C39T - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5904VG/3T

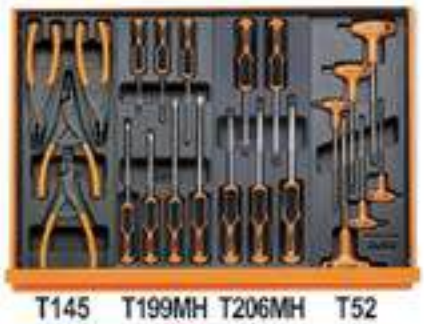
assortment of 102 tools in ABS thermoformed trays

► Car repairs

Quantity	Description	Beta N.	TR
21	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17 18-19-20-21-22-24-27-30-32 mm	42	T05-T06
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15 16x17-18x19-20x22 mm	55	T33
9	offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9	T33
6	offset hexagon key wrenches ○ 2-2,5-3-4-5-6 mm	96T	T52
8	T - handle wrenches with swivelling socket ◎ 7-8-10-12-13-14-17-19 mm	952	T63
19	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19 20-21-22-23-24-26-27-30-32 mm	920A	T83
1	1/2" drive extension bar 125 mm	920/21	T83
1	1/2" drive extension bar 255 mm	920/22	T83
1	1/2" drive universal joint	920/25	T83
1	1/2" drive sliding T-handle 305 mm	920/42	T83
1	1/2" reversible ratchet	920/55	T83
1	Heavy-duty diagonal cutting nippers 160 mm	1084BM	T137
1	combination pliers bright chrome-plated, bi-material handles 180 mm	1150BM	T137
1	Extra-long needle nose pliers 160 mm	1166BM	T137
1	circlip pliers straight, internal ○ 180 mm	1032	T145
1	circlip pliers bent, internal ○ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
1	self - locking pliers 240 mm	1052	T153
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
7	Screwdrivers for slotted head screws 2,5x50 -3x75 - 3,5x100 - 4x125 -5,5x100 - 5,5x150 - 6,5x150 mm	1221	T199MH
6	Screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 - PH1x80 PH1x120 - PH2x100 - PH2x150 mm	1222	T202MH
2	flat chisels, ribbed type 100-200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	empty thermoformed tray	VP5	

5904VG/3T 059041510

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB RSC28 - C37 - C39 - C39MD - C39SM - C39T - RSC55 - RSC50 2.0 - C59 - C58BC - C57



5904VG/5T

assortment of 153 tools in ABS thermoformed trays

► Car repairs

Quantity	Description	Beta N.	TR
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
8	T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952	T63
1	empty thermoformed tray	VP6	VP6
1	circlip pliers straight, internal ⊙ 180 mm	1032	T145
1	circlip pliers bent, internal ⊙ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
7	Screwdrivers for slotted head screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1221	T199MH
5	Screwdrivers for Torx® head screws, with handles ✪ T25 - T27 - T30 - T40 - T45	1227TX	T206MH
6	offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	T52
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 mm	55	T33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T33
3	Screwdrivers for slotted head screws ◐ 8x150 - 8x200 - 10x200 mm	1221	T201MH
2	Screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1221N	T201MH
6	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1222	T202MH
2	Screwdrivers for cross head Phillips® screws ✪ PH3x150 - PH4x200 mm	1222	T204MH
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N	T204MH
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	T137
1	Extra-long needle nose pliers ◐ 160 mm	1166BM	T137
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084BM	T137
6	bits for Torx® head screws ✪ T6÷T15	861TX	T112
8	bits for Torx® head screws ✪ T20÷T55	866TX	T112
1	socket holder	895/1	T112
1	socket holder	895/6	T112
6	1/4" sockets for Torx® head screws ◎ E4÷E10	900FTX	T112
7	1/2" sockets for Torx® head screws ◎ E12÷E24	920FTX	T112
3	1/2" drive, socket drivers for Torx® head screws ✪ T55L - T60 - T70L	920TX	T112
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153

5904VG/5T	059041196

Assortment recommended in combination with RSC24 with 7 - 8 drawers - RSC24A with 7 - 8 drawers - RSC24XL with 7 - 9 drawers RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB
RSC28 - C37 with 7 - 8 drawers - C39 with 7 - 8 drawers - C39MD - C39SM - RSC55 - RSC50 2.0 - C59 - C58BC - C57

5905VG/1

assortment of 94 tools for car body repair shops

► Car repairs

Quantity	Description	Beta N.
1	drift punches Ø 4 mm	30
6	Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
1	cape chisels, standard type 150 mm	36
17	combination wrenches 6÷22 mm	42
10	offset hexagon key wrenches O 1,5÷12 mm	96/B10
1	Adjustable wrenches with scales, phosphated 300 mm	111EN
12	Hi-toque hexagon nut spinners, long series ◎ 4÷14 mm	943MH
1	pry bar with handle 450 mm	965
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	adjustable self locking pliers, aluminium jaws 280 mm	1060AL
1	heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⧓ 160 mm	1084GBM
1	construction worker's pincers 250 mm	1098PL
1	compound leverage shears, straight blades	1122
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, bi-material handles, industrial finish 〓 180 mm	1150GBM
1	screwdriver for Dzus® head screws ◐	1201E/DZ
4	Screwdrivers for slotted head screws ◐ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1221
1	Screwdrivers for slotted head screws, extra-short series ◐ 4x30 mm	1221N
2	◐ 10x200 - 12x200 mm	1241
3	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1222
1	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 mm	1222N
1	✪ PH3x150 mm	1242
7	Screwdrivers for Torx® head screws, with handles ✪ T5 - T6 - T8 - T10 - T15 - T20 - T25	1227TX
1	curved dolly 1350 g	1303
1	toe dolly	1305
1	heel dolly	1306
1	general purpose dolly	1310
1	double end dolly, convex, flat head	1314
1	curved angle spoon	1326
1	heavy duty spoon	1327
1	long double-ended spoon	1330
1	body blade holder, with blade 9"	1338A
1	extra flat chisel with hand guard	1342PM
1	body hammer	1345
1	body hammer Ø 40 mm	1357Z/45
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692

5905VG/1	059051058

Assortment recommended in combination with C25

5905VG/2

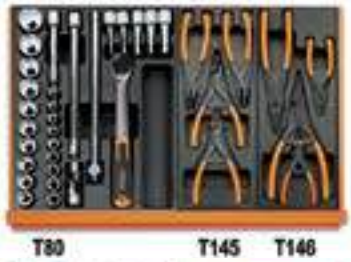
assortment of 118 tools

► Car repairs

Quantity	Description	Beta N.
6	set of 2 drift punches, 1 centre punch, 2 flat chisels and 1 cape chisel in roll-up wallet made of polyester	38/B6N
13	combination wrenches 6÷14 - 17 - 19 - 22 - 24 mm	42
13	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55
3	half - moon ring wrenches 11x13 - 14x17 - 19x22 mm	83
10	offset hexagon key wrenches ○ 1,5÷12 mm	96N/B10
6	drivers for Torx® head screws, with handles ○ T10 - T15 - T20 - T25 - T30 - T40	97TTX
2	1/2" drive impact sockets ◎ 17 - 19 mm	720
20	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet ◎	920/55
8	T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm	952
1	T - handle swivel spark plug wrenches	959
1	wheel nut wrench ◎ 17x19x22x ■ 1/2"	979
1	circlip pliers straight, internal ○ 180 mm	1032
1	circlip pliers bent, internal ○ 170 mm	1034
1	circlip pliers straight, external ● 175 mm	1036
1	circlip pliers bent, external ● 175 mm	1038
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⟨ 160 mm	1084GBM
1	compound leverage shears, straight blades 250 mm	1122
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, bi-material handles, industrial finish = 180 mm	1150GBM
1	extra-long needle knurled nose pliers, bi-material handles, industrial finish ◖ 160 mm	1166GBM
8	Screwdrivers for slotted head screws ◖ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1221
2	◖ 10x200 - 12x200mm	1241
1	Screwdrivers for slotted head screws, extra-short series ◖ 6,5x30 mm	1221N
4	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1222
1	engineer's hammer 400 g	1370
1	soft face hammer Ø 35 mm	1390
1	adjustable oil filter wrench	1491
1	circuit tester 3÷48 V	1498

5905VG/2	059051044

Assortment recommended in combination with C25



5908VG/2T

assortment of 193 tools in ABS thermoformed trays

► Car repairs

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T05
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
1	circlip pliers straight, internal ○ 180 mm	1032	T145
1	circlip pliers bent, internal ○ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
1	circlip pliers straight, internal ○ 140 mm	1032	T146
1	circlip pliers straight, internal ○ 225 mm	1032	T146
1	circlip pliers straight, external ● 140 mm	1036	T146
1	circlip pliers straight, external ● 225 mm	1036	T146
9	Screwdrivers for slotted head screws ◖ 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1221	T167MH
2	Screwdrivers for slotted head screws, extra-short series ◖ 4x30 - 6,5x30 mm	1221N	T167MH
7	Screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 -PH3x150 mm	1222	T168MH
2	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1222N	T168MH
8	T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952	T63
	empty thermoformed tray	VP5	
6	drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30	97TTX	T55
12	1/2" drive impact sockets ◎ 10-13-17-18-19-21-22-24-27-30-32 mm	720	T111
1	1/2" drive impact extension bar 125 mm	720/21	T111
3	◎ 17-19-21	720LC	T111
5	1/2" socket drivers for hexagon screws ○ 5L - 6L - 7L - 8L - 10L	920PE	T113
4	1/2" drive, socket drivers for Torx® head screws ✪ T40L - T45L - T55L - T70L	920TX	T113
3	1/2" socket drivers with XZN® profile ⬡ M6L - M8L - M12L	920XZN	T113
5	second cut files 200 mm	1719BMA8/S5	T236
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1	self - locking pliers 240 mm	1052	T153
1	combination pliers bright chrome-plated 〓 180 mm	1150	T138
1	Extra-long needle nose pliers ◖ 160 mm	1166	T138
1	Heavy-duty diagonal cutting nippers ⧓ 160 mm	1084	T138
11	3/4" square drive hexagon socket ◎ 22-24-27-30-32-34-36-38-41-46-50 mm	928A	T105
1	3/4" drive extension bar 200 mm	928/21	T106
1	3/4" drive extension bar 380 mm	928/22	T106
1	3/4" drive sliding T - handle 450 mm	928/42	T106
1	3/4" reversible ratchet	928/55	T106
1	empty thermoformed tray	VP6	VP6
4	offset hexagon key wrenches ○ 13-14-17-19 mm	96N	
1	Adjustable wrench 300 mm	111E	
1	pry bar with handle	965	
1	tin snips 250 mm	1112	
1	electrician's scissors, straight blades 147 mm	1128BMX	
1	engineer's hammer 1000 g	1370	
1	metric feeler gauge	1708/20	
1	telescopic magnet with flexible head	1712	
1	telescopic joint inspection mirror	1715	
1	30 mm	1479RB/1	
1	hacksaw frame 400 mm	1726N	
1	Steel wire brush	1737NX	
1	Metal pressure oil can 200 cl	1751N	
1	snap - off blade utility knife 170 mm	1771	
1	empty thermoformed trays	VP3	

5908VG/2T 059081017

Assortment recommended in combination with RSC28

5940SBK

assortment of 125 tools

► Motorcycle repairs

Quantity	Description	Beta N.
1	drift punches Ø 2 mm	30
1	centre punch Ø 4 mm	32
1	flat chisels 125 mm	34
10	combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	42
6	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm	55
9	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9
1	ZERO-RESET click-type torque wrenches 3/8", 10÷50 Nm	666/5
54	assortment of 52 hexagon bits, 10 mm, and 2 accessories	867/C52
17	assortment of 12 sockets and 5 accessories	920A/C12X
1	adaptor, 1/2" female and 3/8" male drives	910/16
2	spark plug socket 14 - 16 mm	956C
1	extra - long nose pliers 283 mm	1009L/A
2	circlip pliers straight, internal 140 - 180 mm	1032
1	circlip pliers straight, external 140x1,3 mm	1036
1	diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish 160 mm	1082G
1	electrician's scissors, straight blades 145 mm	1128BM
1	heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish 180 mm	1150G
1	screwdriver for Dzus® head screws	1201E/DZ
4	screwdriver for slotted head screws 3x75 - 4x100 - 5,5x100 - 6,5x150 mm	1201E
3	screwdriver for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202E
1	circuit testing screwdriver	1254
1	engineer's hammer 300 g	1370
1	adjustable oil filter wrench	1491
1	metric feeler gauge	1708/13
1	mini hacksaw frame	1725CR
1	Brass wire brush	1737
1	plastic oil can 250 cc	1754

5940SBK	059401082

Assortment recommended for use with items C41S - C41H - C42S - C42H - C42S - C41S

5941VU/M

assortment of 65 tools for trolley C41H

► Universal use

Quantity	Description	Beta N.
16	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm	42
9	offset hexagon key wrenches 1,5-2-2,5-3-4-5-6-8-10 mm	96/SC9
1	measuring tape 5 m	1692/5
20	1/2" square drive hexagon sockets 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet	920/55
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	Adjustable wrench 250 mm	111E
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	diagonal cutting nippers, bi-material handles, industrial finish 160 mm	1082GBM
1	electrician's scissors, straight blades 147 mm	1128BMX
1	heavy duty combination pliers, bi-material handles, industrial finish 180 mm	1150GBM
1	extra-long needle knurled nose pliers, bi-material handles, industrial finish 160 mm	1166GBM
3	Screwdrivers for slotted head screws 3,5x100-5,5x125-6,5x150 mm	1221
3	Screwdrivers for cross head Phillips® screws PH0-PH1-PH2	1222
1	engineer's hammer 300 g	1370
1	snap - off blade utility knife 170 mm	1771

5941VU/M	059411002

Assortment recommended in combination with C41H

MM11

MM105MH

MM129

MM210

MM230

5945VUM

assortment of 199 tools in EVA foam trays

► Universal use

Quantity	Description	Beta N.	TR
21	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	42	MM11
9	ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	MM11
1	socket holder ⎔ 1/4 - □ 1/4	895/1	MM105MH
1	socket holder ⎔ 1/4 - □ 3/8	895/3	MM105MH
1	socket holder ⎔ 5/16 - □ 1/2	895/6	MM105MH
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MM105MH
9	hexagon hand sockets, long series ◎ 5-6-7-8-9-10-11-12-13 mm	900L	MM105MH
5	1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm	900ME	MM105MH
4	1/4" socket drivers for slotted head screws ◖ 0,8x4-1x5,5x1,2x6,5-1,2x8 mm	900LP	MM105MH
4	1/4" socket drivers for cross head Phillips® screws ✪ PH1-PH2-PH3-PH4	900PH	MM105MH
7	socket drivers for Torx® head screws ✪ T10-T15-T20-T25-T27-T30-T40	900TX	MM105MH
1	adaptor, 1/4" female and 3/8" male drives □ 1/4 - ■ 3/8	900/16	MM105MH
1	1/4" drive extension bar 50 mm	900/20	MM105MH
1	1/4" drive extension bar 100 mm	900/20L	MM105MH
1	1/4" drive extension bar 150 mm	900/21	MM105MH
1	1/4" drive universal joint	900/25	MM105MH
1	1/4" male square drive 176 mm	900BG/31	MM105MH
1	1/4" drive swivel T-handle 115 mm	900/42	MM105MH
1	1/4" reversible ratchet ⓡ 125 mm	900/55N	MM105MH
17	3/8" hexagon hand sockets ◎ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	910A	MM105MH
1	adaptor, 3/8" female and 1/4" male drivers □ 3/8 - ■ 1/4	910/15	MM105MH
1	adaptor, 1/2" female and 3/8" male drives □ 3/8 - ■ 1/2	910/16	MM105MH
1	3/8" extension bar 125 mm	910/21	MM105MH
1	3/8" extension bar 250	910/22	MM105MH
1	3/8" drive universal joint	910/25	MM105MH
1	3/8" drive sliding T - handle 210 mm	910/42	MM105MH
1	3/8" reversible ratchet ⓡ 200 mm	910/55	MM105MH
21	1/2" square drive hexagon sockets ◎ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A	MM105MH
1	adaptor, 1/2" female and 3/8" male drives □ 1/2 - ■ 3/8	920/15	MM105MH
1	1/2" drive universal joint	920/25	MM105MH
1	1/2" wobble extension bar 125 mm	920AN	MM105MH
1	1/2" wobble extension bar 250 mm	920AN	MM105MH
1	1/2" drive sliding T-handle 305 mm	920/42	MM105MH
1	1/2" reversible ratchet ⓡ 275 mm	920/55	MM105MH
3	3/8" square drive spark plug sockets ◎ 16 mm (5/8")-17,8 (11/16")-20,8 (13/16")	956E	MM105MH
6	screwdriver for slotted head screws ◖ 04x2,5x50-0,5x3x75-0,8x4x100-1,0x5,5x125-1,2x6,5x150-1,2x8x200 mm	1201E	MM210
1	screwdriver for slotted head screws, extra-short series ◖ 0,8x4x30 mm	1201EN	MM210
4	screwdriver for cross head Phillips® screws ✪ PH0x60-PH1x80PH2x100PH3x150 mm	1202E	MM210
1	screwdriver for cross head Phillips® screws, extra-short series ✪ PH1x30 mm	1202EN	MM210
12	screwdrivers for Torx® head screws, with handles ✪ T06-T07-T08-T09-T10-T15-T20-T25-T27-T30-T40-T45	1207E/TX	MM210
1	mains testing screwdriver ◖ 0,5x3,5x100 mm	1253	MM210
1	circlip pliers straight, internal ⊙ 180 mm	1032	MM129
1	circlip pliers bent, internal ⊙ 170 mm	1034	MM129
1	circlip pliers straight, external ● 175 mm	1036	MM129
1	circlip pliers bent, external ● 175 mm	1038	MM129
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	MM129
1	self - locking pliers 240 mm	1052	MM129
1	self - locking pliers 240 mm	1052	MM129
1	Diagonal cutting nippers ⧓ 160 mm	1082BM	MM129
1	construction worker's pincers 220 mm	1098	MM129
1	electrician's scissors, straight blades 145 mm	1128BM	MM129
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM	MM129
1	Extra-long needle nose pliers ◖ 160 mm	1166BM	MM129
3	drift punches Ø 2-3-4 mm	30	MM230
6	pin punches Ø 2-3-4-5-6-8 mm	31	MM230
1	centre punch Ø 4 mm	32	MM230
1	flat chisels 150 mm	34	MM230
2	flat chisels, ribbed type 200-250 mm	35	MM230
1	cape chisels, standard type 125 mm	36	MM230
1	engineer's hammer 500 g	1370	MM230
1	soft face hammer Ø 35 mm	1390	MM230
1	measuring tape 3 m	1692	MM230
1	telescopic magnet with flexible head	1712TF	MM230
1	second-cut square files 200 mm	1719BMA...Q	MM230
1	second-cut triangular files 200 mm	1719BMA...T	MM230
1	second-cut flat files 200 mm	1719BMA...P	MM230
1	second-cut half-round files 200 mm	1719BMA...M	MM230
1	second-cut round files 200 mm	1719BMA...R	MM230
1	Steel wire brush	1737NX	MM230
1	snap - off blade utility knife 170 mm	1771	MM230

5945VUM	059451011

Assortment recommended in combination with item C45

5954VG

assortment of 135 tools

► Car repairs

Quantity	Description	Beta N.
5	pin punches Ø 2-3-4-5-6 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 125 mm	34
18	combination wrenches 6÷22 - 24 mm	42
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
3	double ended offset ring wrenches 12x13 - 14x15 - 17x19 mm	90
13	offset hexagon key wrenches ○ 2÷10 - 12 mm	96
4	1/2" drive impact sockets ◎ 17 - 19 - 21 - 22 mm	720
20	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A
1	1/2" drive extension bar	920/21
1	1/2" drive extension bar	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet ◍	920/55
3	hi-torque hexagon nut spinners, long series ◎ 8 - 10 - 13 mm	943BX
10	T - handle wrenches with swivelling socket ◎ 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	952
3	spark plug socket ◎ 16 - 17,8 - 20,8 mm	956C
1	pry bar	964
1	circlip pliers straight, internal ⊙	1032
1	circlip pliers bent, internal ⊙	1034
1	circlip pliers straight, external ●	1036
1	circlip pliers bent, external ●	1038
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	adjustable self locking pliers, long jaws 175 mm	1058
1	Diagonal cutting nippers ⧓ 160 mm	1082BM
1	electrician's scissors, straight blades 147 mm	1128BMX
1	combination pliers bright chrome-plated, bi-material handles 〓 180 mm	1150BM
1	Extra-long needle nose pliers ◖ 160 mm	1166BM
1	circuit testing screwdriver ◖ 6÷24V	1254
1	Screwdrivers for slotted head screws ◖ 8x200 mm	1221
1	Screwdrivers for slotted head screws, extra-short series ◖ 6,5x30 mm	1221N
1	Screwdrivers for cross head Phillips® screws ✪ 8x150 mm	1222
1	Screwdrivers for cross head Phillips® screws, extra-short series ✪ PH2x30 mm	1222N
5	Screwdrivers for Torx® head screws, with handles ✪ T8 - T10 - T15 - T20 - T25	1227TX
8	screwdrivers	1223/D8P
1	engineer's hammer 300 g	1370
1	dead blow hammer Ø 35 mm	1392
1	brake spring pliers 210 mm	1470
1	crimping pliers for non insulated terminals	1603
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/20
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
6	needle files 160 mm	1720/B6
1	plastic oil can 150 cc	1754

5954VG	059541054

Assortment recommended in combination with C54VG

5957VG

assortment of 174 tools

► Car repairs

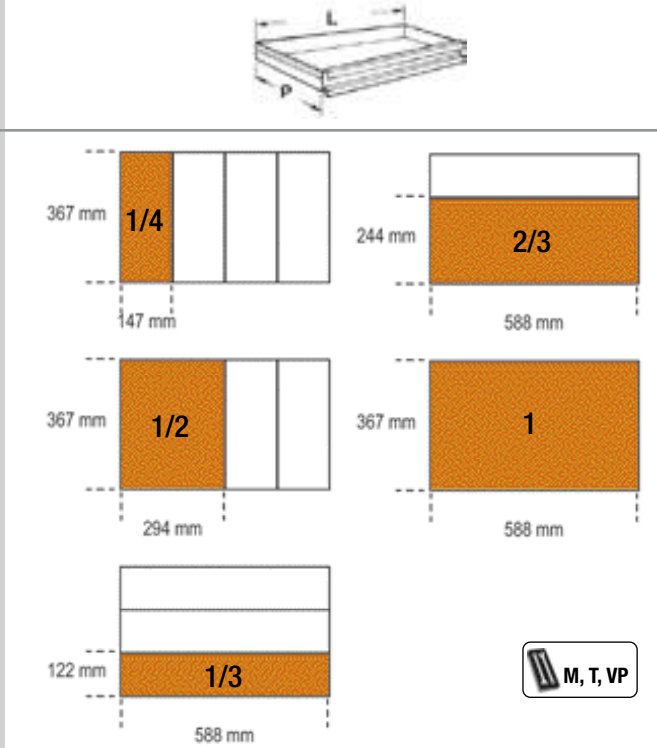
Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17	combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-21-22-24-27-30 mm	42
12	double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8	offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
7	offset hexagon key wrenches 1,5 ÷ 6 mm	96N/G7A
8	offset key wrenches, for Torx® head screws T9 ÷ T40	97TX/SC8
5	offset key wrenches with XZN® profile M5 ÷ M12	98XZN/B5
1	Adjustable wrench 250 mm	111E
1	ZERO-RESET click-type torque wrenches 1/2", 40÷200 Nm	666/20
13	1/2" square drive hexagon sockets with rail 10÷22 mm	920A/SB13
8	1/2" square drive hexagon sockets with rail 23÷32 mm	920A/SB8
4	1/2" socket drivers for slotted head screws 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3	1/2" socket drivers for Phillips® screws PH2 - 3 - 4	920PH
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" reversible ratchet	920/55
2	1/2" drive impact sockets 17 - 19 mm	720
10	T - handle wrenches with swivelling socket 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm	952
3	T - handle swivel spark plug wrenches 14 - 16 - 20,8 mm	959
1	pry bar	963
1	wheel nut wrench 1/2" - 17 - 19 - 22 mm	979
2	circlip pliers straight, internal 140 - 180 mm	1032
2	circlip pliers bent, internal 130 - 170 mm	1034
2	circlip pliers straight, external 140x1,3 - 175 mm	1036
2	circlip pliers bent, external 135x1,3 - 175 mm	1038
1	slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	Diagonal cutting nippers 160 mm	1082BM
1	Heavy-duty diagonal cutting nippers 160 mm	1084BM
1	toggle lever assisted end cutting nippers 180 mm	1092V
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades 147 mm	1128BMX
1	combination pliers bright chrome-plated, bi-material handles 180 mm	1150BM
1	Extra-long needle nose pliers 160 mm	1166BM
1	Extra-long bent needle nose pliers 200 mm	1168BM
2	Screwdrivers for slotted head screws 8x200 - 10x200 mm	1221
2	Screwdrivers for slotted head screws, extra-short series 4x30 - 6,5x30 mm	1221N
1	Screwdrivers for cross head Phillips® screws PH3x150 mm	1222
2	Screwdrivers for cross head Phillips® screws, extra-short series PH1x30 - PH2x30 mm	1222N
8	Screwdrivers	1223/D8P
1	empty thermoformed tray	VP5
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer Ø 35 mm	1390
11	roller stud extractors M5÷M16 mm	1433/C11
1	adjustable oil filter wrench	1491
1	circuit tester	1498
1	measuring tape 5 m	1692
1	hacksaw frame 400 mm	1726N
1	metric feeler gauge	1708/20
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	50 mm	1479RB/3
1	30 mm	1479RB/1
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751
1	snap - off blade utility knife 170 mm	1771BM
1	sliding gauge	1650

5957VG	059571007

Assortment recommended for use with items C57S A - C57S B - C57SP - C55PS - C55PSE

SOFT MODULES

Assortment of tools in thermoformed trays, designed for roller cabs

RSC23T RSC24 RSC24A RSC24AXL RSC24AXLP/7 RSC24AXXL RSC24L/7 RSC24L-CAB RSC28 C30M C37 C37A C39 C39T C39MD C39SM RSC51 C57S C58BC C59 RSC55 RSC50 2.0		504÷512 517÷524

M01

22

42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 36 mm

4,5 kg

M01	1 024500001
MV10	1 024510010

M02

26

42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm

6,3 kg

M02	1 024500002
MV02	1 024510002

M05

16

42	6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21 mm

1,5 kg

M05	1 024500005
MV15	1 024510015

M06

5

42	22-24-27-30-32 mm

2,1 kg

M06	1 024500006
MV16	1 024510016

M25

40

42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 mm
90	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
123Q1/4	
123Q3/8	
123Q1/2	
142	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

5,1 kg

M25	1 024500025
MV25	1 024510873

M30

31

55	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 30x32 mm
90	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 30x32 mm
○ 96BPC/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

4,2 kg

M30	1 024500030
MV30	1 024510030

M32

27

42AS	1/4 - 9/32 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4
○ 96BP/AS-SC9	1/16 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8

4,5 kg

M32	1 024500032
MV31	1 024510031

M33

17

55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
○ 96/SC9	1,5÷10 mm

1,1 kg

M33	1 024500033
MV33	1 024510033

M38

4

55	21x23-24x26 27x29-30x32 mm

1,7 kg

M38	1 024500038
MV38	1 024510038

M40

7

90	6x7-8x9-10x11 12x13-14x15 16x17-18x19 mm

810 g

M40	1 024500040
MV40	1 024510040

M44

12

141	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,3 kg

M44	1 024500044
MV44	1 024510044

M45

12

142	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,3 kg

M45	1 024500045
MV45	1 024510045

M46

12

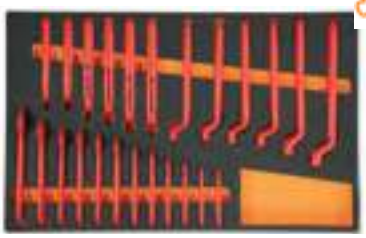
142SN	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,4 kg

M46	1 024500046
MV46	1 024510046

M49

24



52MQ	7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 22 mm
89MQ	7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 22 mm

3,3 kg

M49	1 024500049
MV49	1 024510049

M50

8

○ 96T	2-2,5-3-4-5 6-7-8 mm

1,1 kg

M50	1 024500050
MV50	1 024510051

M53

5

○ 96TBP	2,5-3-4-5-6 mm

350 g

M53	1 024500053
MV52	1 024510052

M55

5

○ 97TTX	T10-T15-T20-T25-T30

330 g

M55	1 024500055
MV55	1 024510055

M60MH

23

○ 96T	2 - 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
○ 97BTX/SC8	T9-T10-T15-T20-T25-T27-T30-T40
◎ 944MH	5-6-7-8-10-13 mm

1,9 Kg

M60MH	1 024500072
MV72MH	1 024510072

M62

21

97TTX	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1177BM	140 mm
1188BM	125 mm
1257LP	2-2,5-3-3,5 mm
1257PH	0-00

2,3 kg

M62	1 024500875
MV62	1 024510875

M63

8

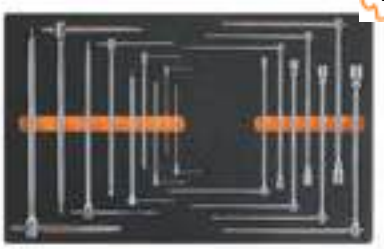
952 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

3,4 kg

M63	1 024500063
MV63	1 024510063

M65

16



950	8 - 10 - 12 - 13 - 14 - 17 - 19 mm
951	2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 mm

3,6 Kg

M65	1 024500065
MV65	1 024510065

M69

9

951 2,5-3-4-5-6-8 10-12-14 mm

1,8 kg

M69	1 024500069
MV69	1 024510069

M75

16

933 7-8-9-10-11-12-13-14-15 16-17-18-19-21-22-24 mm

5,5 kg

M75	1 024500075
MV75	1 024510075

M78

17

80	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
920/36A	
965	450 mm
1052	240 mm
1058	175 mm
1481PL/A	
1481PL/B	
1481PL/C	
1650	150 mm
1708/20	
1716P	

4,4 kg

M78	1 024500878
MV77	1 024510876

M82

29

920A	10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
920ME	5-6-8-10-12 mm
920AN/125	125 mm
920AN/250	250 mm
920/25	
920/42	305 mm
920/55N	

1/2"

4,1 kg

M82	1 024500082
MV84	1 024510084

M83

24

920A	10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
920AN/125	125 mm
920AN/250	250 mm
920/25	255 mm
920/42	305 mm
920/55N	

1/2"

3,7 kg

M83	1 024500083
MV87	1 024510087

M85

45

851E/SR	230 mm
860LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
860PE	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
860PH	PH0 - PH1 - PH2 - PH3 - PH4
860PZ	PZ1 - PZ2 - PZ3 - PZ4
860TX	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
860RTX	T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
860/55	100 mm
882P	80 mm
892	■ 1/4 - □ 1/4

1/4

450 g

M85	1 024500085
MV88	1 024510088

M86

46

867PE	4-5-6-7-8-10-12 mm
867PE/L	4-5-6-7-8-10-12 mm
867XZN	5-6-8-10-12 mm
867XZN/L	5-6-8-10-12 mm
867TX	T20 - T25 - T30 - T40 - T45 - T50 - T55
867TX/L	T25 - T30 - T40 - T45 - T50 - T55
867RTX	T20 - T25 - T30 - T40 - T45 - T50 - T55
867/1	
867/2	

1,4 kg

M86	1 024500086
MV86	1 024510086

M91MH

25

900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900ME	2,5-3-4-5-6-8 mm
900/20	50 mm
900/21	150 mm
900/25	□ 1/4 - ■ 1/4
900BG/31	
900/42	
900/55	

1/4"

560 g

M91MH	1 024500098
MV98MH	1 024510098

M92

22

910A	6-7-8-9-10-11-12-13 14-15-16-17-18-19-20 21-22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	

3/8"

1,5 kg

M92	1 024500092
MV93	1 024510093

M96

22

920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 25/32 - 13/16 - 7/8 - 15/16 - 1 - 1.1/16 - 1.1/18 - 1.3/16 - 1.1/4
920/25	
920AN	125-250mm
920/42	
920/55	

1/2"

3,8 kg

M96	1 024500096
MV178	1 024510178

M100MH

98

895/1	
895/3	
895/6	
900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900L	5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
900ME	3-4-5-6-7 mm
900LP	0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8 mm
900PH	PH1-PH2-PH3-PH4
900TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
900/20	50 mm
900/20L	100 mm
900/21	150 mm
900/25	
900BG/31	
900/42	
900/55	
920A	8-10-11-12-13-14-15-16-17-18-19-20 21-22-23-24-26-27-28-30-32 mm
920/15	
920/25	
920AN/125	125 mm
920AN/250	250 mm
920/42	
920/55	
920FTX	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 mm
920AL	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22

1/4" 1/2"

6,7 Kg

M100MH	1 024500109
MV109MH	1 024510109

M105MH

116

900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900L	5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
96BPC/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
895/1	
895/3	
895/6	
900ME	3-4-5-6-7 mm
900LP	
900PH	PH1-PH2-PH3-PH4
900TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
900/16	□ 1/4 - ■ 3/8
900/...	50-100-150 mm
900/25	
900BG/31	
900/42	
900/55	
910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
910/15	□ 3/8 - ■ 1/4
910/16	□ 3/8 - ■ 1/2
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	
920A	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm
920/15	□ 1/2 - ■ 3/8
920/25	
920AN	125 - 250 mm
920/42	
920/55	
956E	16-17,8-20,8 mm

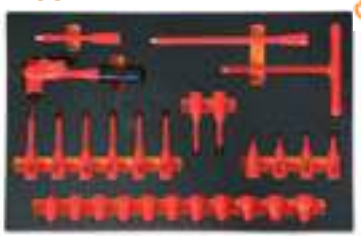
1/4" 3/8" 1/2"

7,7 kg

M105MH	1 024500114
MV114MH	1 024510114

M108

27



910MQ/PE	4-5-6-8 mm
910MQ/B	7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 mm
910MQ/TX	T15 - T20 - T25 - T27 - T30 - T40
910MQ/XZN	8-10 mm
910MQ/21	140 mm
910MQ/22	265 mm
910MQ/T	
910MQ/55	

2,7 kg

M108	1 024500108
MV108	1 024510108

M110

36

850MQ	
861TX/A10	
920MQ/A	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 mm
920MQ/PE	5-6-8-10-12 mm
920MQ/21	125 mm
920MQ/22	250 mm
920MQ/55A	
943MQ	6-7-8-10 mm

3,1 kg

M110	1 024500110
MV110	1 024510110

M115

54

666/20	40÷200 Nm
920A	13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 26 - 27 - 30 - 32 mm
920FTX	12 - 14 - 16 - 18 - 20 - 22 - 24 mm
920PE	6 - 7 - 8 - 8L - 10 - 10L - 12 - 12L - 14 - 14L
920TX	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T20L - T25L - T27L - T30L - T40L - T45L - T50L
920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/55	

1/2"

7,8 Kg

M115	1 024500115
MV117	1 024510117

M118

33

1927P

720L	13-17-19-21-22-24 mm
720ME	5-6-8-10-12-14-17-19 mm
720	10-12-13-14-15-16-17 18-19-21-22-24-27-30-32 mm
720LC	17-19-21 mm

1,8 g

M118	1 024500118
MV118	1 024510118

SUITABLE FOR 140 MM DRAWERS

M120

75

920A	10-11-12-13-14-15-16-17-18-19-20-21 22-24-26-27-30-32 mm
920AN/125	125 mm
920AN/250	250 mm
920/25	
920/42	
920AL	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24 - 27 - 30 - 32 mm
920FTX	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 mm
920/55	
920PE	5 - 5L - 6 - 6L - 7 - 7L - 8 - 8L - 10 - 10L - 12 - 12L - 14 - 14L
920TX	T20-T25-T27-T30-T40-T45-T50-T55-T60 T20L-T25L-T27L-T30L-T40L-T45L-T50L

1/2"

6,9 Kg

M120	1 024500120
MV119	1 024510119

M125

68

910AL	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22 mm
920PE	5-6 -6L-7-8-8L-10-10L-12-12L mm
920FTX	E12 - E14 - E16 - E18 - E20 - E22 - E24
920TX	T20 - T25 - T27 - T30 - T30L - T40 - T40L - T45 - T50 - T50L - T55 - T60 - T60L
920XZN	5 - 6 - 6L - 8 - 8L - 10 - 10L - 12L mm
920AL	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm
1692/5	5 m

3/8" 1/2"

7,9 kg

M125	1 024500872
MV125	1 024510872

M126

26

928A	19 - 21 - 22 - 24 - 26 - 27 - 28 - 30 - 32 - 34 - 35 - 36 - 38 - 41 - 46 mm
928ME	14-17-19-22 mm
928/15	□ 3/4 - ■ 1/2
928/16	□ 3/4 - ■ 1
928/21	200 mm
928/22	380 mm
928/25	
928/42	450 mm
928/55	

3/4"

12,4 kg

M126	1 024500126
MV139	1 024510139

M127

23

728	19 - 21 - 22 - 24 - 27 - 30 - 32 - 33 - 34 - 35 - 36 - 38 - 40 - 41 - 46
728FTX	20-22-24 mm
728/15	□ 3/4 - ■ 1/2
728/16	□ 3/4 - ■ 1
728/21	175 mm
728/22	250 mm
728/25	

3/4"

12,5 kg

M127	1 024500127
MV127	1 024510127

M128

50

720	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
720L	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
720TX	T30-T40-T45-T50-T55
720ME	5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 mm
720LC	17-19-21 mm
720/21	125 mm
720/25	

1/2"

8,9 kg

M128	1 024500128
MV128	1 024510128

M129

13

1048N	250 mm
1052	240 mm
1098	220 mm
1122	250 mm
1128BMX	145 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1082BM	160 mm
1150BM	180 mm
1166BM	160 mm
1168BM	160 mm

3,4 Kg

M129	1 024500147
MV147	1 024510147

M133

3

1082G	160 mm
1150G	180 mm
1166G	160 mm

650 g

M133	1 024500133
MV133	1 024510133

M134

3

1082GBM	160 mm
1150GBM	180 mm
1166GBM	160 mm

750 g

M134	1 024500134
MV134	1 024510134

M135

3

1082MQ	160 mm
1150MQ	180 mm
1166MQ	160 mm

750 g

M135	1 024500135
MV135	1 024510135

M136

3

1084BM	160 mm
1150BM	180 mm
1166BM	160 mm

750 g

M136	1 024500136
MV131	1 024510131

M137

3

1084	160 mm
1150	180 mm
1166	160 mm

650 g

M137	1 024500137
MV132	1 024510132

M145

4

1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm

640 g

M145	1 024500145
MV145	1 024510145

M153

2

1048N	250 mm
1052	240 mm

1 kg

M153	1 024500153
MV154	1 024510154

M161

15

1128MQ	145 mm
1048MQ	250 mm
1082MQ	160 mm
1150MQ	180 mm
1162MQ	160 mm
1164MQ	160 mm
1272MQ	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
1274MQ	2,5x75 - 3x100 - 4x100 - 5,5x125 mm
1777MQ/U	

3,0 kg

M161	1 024500161
MV163	1 024510163

M162

8

1241	5,5x100 - 6,5x125 - 8x150 - 10x200 mm
1242	PH1x100 - PH2x100 - PH3x150 - PH4x200 mm

1,4 kg

M162	1 024500162
MV162	1 024510162

M166MH

49

861MIX/A31

	1048N	250 mm
	1082BM	160 mm
	1150BM	180 mm
	1162BM	160 mm
	1221	3x75 - 4x100 - 5,5x100 - 6,5x150 - 8x150 mm
	1221N	6,5x30 mm
	1222	4,5x80 - 6x100 - 8x150 mm
	1222N	6x30 mm
	1227TX	T20-T25-T27-T30

2,9 kg

M166MH	1 024500881
MV881MH	1 024510881

M170MH

6

1221	2,5x50 3x75 3,5x100 5,5x100 5,5x150 6,5x150 mm

500 g

M170MH	1 024500179
MV179MH	1 024510179

M172MH

5

1222	PH0x60 PH1x80 PH1x120 PH2x100 PH2x150 mm

450 g

M172MH	1 024500185
MV185MH	1 024510185

M180MH

6

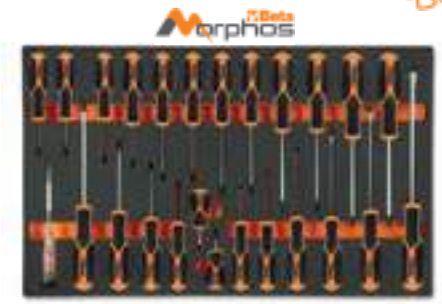
1221	3x75 5,5x150 6,5x150 mm
1222	PH0x60 PH1x80 PH2x100 mm

500 g

M180MH	1 024500181
MV181MH	1 024510181

M195MH

25



1253	3,5x100 mm
1221	2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
1222	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
1222N	PH1X30 mm
1227TX	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
1221N	4x30 mm

2,3 Kg

M195MH	1 024500196
MV196MH	1 024510196

M204MH

6

1227TX	T8 - T10 - T15 - T20 - T25 - T30

450 g

M204MH	1 024500242
MV242MH	1 024510242

M208MH

10

1221	3x75 3,5x100 4x125 5,5x150 6,5x150 mm
1222	PH0x60 PH1x80 PH2x100 mm
1221N	4x30 mm
1222N	PH1x30 mm

750 g

M208MH	1 024500243
MV243MH	1 024510243

M213

25

1201E	2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
1201EN	4x30 mm
1202E	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
1202EN	PH1X30 mm
1207E/TX	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
1253	3,5x100 mm

1,8 Kg

M213	1 024500213
MV210	1 024510210

M214

7

1201E	2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm

500 g

M214	1 024500214
MV211	1 024510211

M216

6

1202E	PH0x60 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm

450 g

M216	1 024500216
MV212	1 024510212

M218

7

1201E	3x75 4x100 5,5x150 6,5x150 mm
1202E	PH0x60 PH1x80 PH2x100 mm

500 g

M218	1 024500218
MV220	1 024510220

M222

7

1272MQ	PH0x60 mm
1272MQF	PH1x80 - PH2x100 mm
1274MQF	3,5x100 - 4,5x100 5,5x125 - 6,5x150 mm

540 g

M222	1 024500222
MV222	1 024510222

M226

7

1274MQ	3x100 4x100 5,5x125 6,5x150 mm
1272MQ	PH0x60 PH1x80 PH2x100 mm

500 g

M226	1 024500226
MV226	1 024510226

M227MH

4

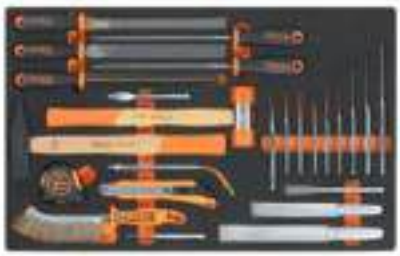
944MH	7-8-10-13 mm

420 g

M227MH	1 024500244
MV244MH	1 024510244

M230

25



30	Ø 2-3-4 mm
31	Ø 2-3-4-5-6-8 mm
32	Ø 4 mm
34	150 mm
35	200-250 mm
36	125 mm
1370	500 g
1390	Ø 35 mm
1692	3 m
1712TF	
1719BMA/Q	200 mm
1719BMA/T	200 mm
1719BMA/P	200 mm
1719BMA/M	200 mm
1719BMA/R	200 mm
1737NX	
1771	170 mm

3,2 Kg

M230	1 024500230
MV230	1 024510230

M231

22

31	2-3-4-5-6-8 mm
32	4 mm
34	125-150-175 mm
36	125 mm
1370	500-1000 g
1390	Ø 35 mm
1712TF	590 mm
1715	670 mm
1719BMA8/Q	200 mm
1719BMA8/T	200 mm
1719BMA8/P	200 mm
1719BMA8/M	200 mm
1719BMA8/R	200 mm
1737NX	

4,7 kg

M231	1 024500877
MV231	1 024510877

M234

4

35	100-200 mm
1370	300 g
1390	Ø 35 mm

1,3 kg

M234	1 024500234
MV232	1 024510232

M236

5

1719BMA/Q	200 mm
1719BMA/T	200 mm
1719BMA/P	200 mm
1719BMA/M	200 mm
1719BMA/R	200 mm

870 g

M236	1 024500236
MV236	1 024510236

M237

4

35	100-200 mm
1370T	300 mm
1390N	Ø 35 mm

1,3 kg

M237	1 024500237
MV232	1 024510232

M240

7

31BM	Ø 2-3-4-5-6-8 mm
32	Ø 4 mm

850 g

M240	1 024500240
MV240	1 024510240

M284

9

1128BMX	147 mm
1130BMX	185 mm
■ **1719BMA...Q**	200 mm
▲ **1719BMA...P**	200 mm
◗ **1719BMA...M**	200 mm
● **1719BMA...R**	200 mm
1726BM	400 mm
1728BM	(5)
1771BM	170 mm
1778AN	204 mm

2,4 Kg

M284	1 024500284
MV274	1 024510274

M292

4

111E	250 mm
1128BMX	147 mm
1692/5	5 m
1771	170 mm

500 g

M292	1 024500292
MV293	1 024510293

M294

4

1692/5	5 m
1725CR	260 mmm
1771	170 mm
1771RL	

500 g

M294	1 024500294
MV294	1 024510294

M295

4

1650	
1682	300 mm
1707	
1708/20	

450 g

M295	1 024500295
MV295	1 024510295

M400

29

3932U/13	
3935	120 mm
3937	170 mm
3952	13 - 14 - 15 - 16 - 17 - 18 - 19 mm
☐ **3961 3,2**	
☐ **3961 3,3**	
☐ **3961 3,5**	
☐ **3961U**	3,2 - 4,0 mm
3969	200 mm (x2)
3969K3	113 mm
3973/1	
3973/2	
3973/3	
3973/4	
3984/1	Ø35 mm
3984/2	Ø22,8 mm
3984/3	Ø23,5 mm
3984/4	Ø23 mm
3991	222 mm
3992	234 mm

3,1 kg

M400	1 024500400
MV402	1 024510402

M401

7

3921	440 mm
3948	
3953	
3955	30x32 - 32x36 mm
3967	289 mm
3971	

2,7 kg

M401	1 024500401
MV401	1 024510401

RSC22 **RSC23** **RSC23C** **C27S**	277 mm, 1, 588 mm — MC	**513** **524**
C35	447 mm, 1, 600 mm — MB	**513-514**

MC10

34

42	6-7-8-9-10-11-12 13-14-15-16-17 18-19-21-22 mm
96/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
1084BM	160 mm
1150G	180 mm
1166G	160 mm
1201E	3,5x100 - 5,5x150 - 6,5x150 mm
1202E	PH0x60 - PH1x80 - PH2x100 mm

3,5 kg

MC10	1 027500011
MCV10	1 027510010

MC20MH

74

861MIX/A31	
895/1	
1048N	250 mm
1370	300 g
32	Ø 4 mm
36	Ø 4 mm
900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900/21	150 mm
900/25	
900BG/31C	
900/42	
900/55	
920A	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
920/25	
920AN/125	125 mm
920/42	
920/55	

12"

6 kg

MC20MH	1 027500014
MCV14MH	1 027510014

MB12

30

42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
1048N	250 mm

5,4 kg

MB12	1 024504212
MBV13	1 024524213

MB37MH

52

920A	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
920/21	125 mm
920/22	150 mm
920/25	
920/42	
920/55	
111E	250 mm
1052	240 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/31	
900/55	
900/42	

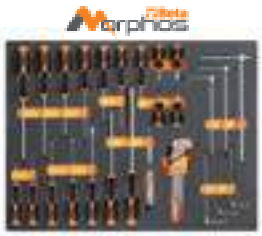
7,0 Kg

14" 12"

MB37MH	1 024504274
MBV74MH	1 024524274

MB44MH

34



1221	2,5x50 - 3x75 - 3,5x100 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
1221N	4x30-6,5x30 mm
1222	PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
1222N	PH1x30-PH2x30 mm
1253	
96BPC/SC9	
951	2,5-3-4-5-6-8 mm

2,8 kg

MB44MH	1 024504243
MBV43MH	1 024524243

MB65

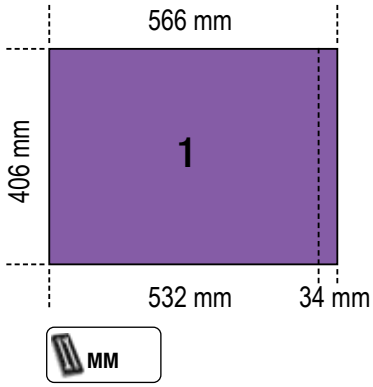
16

1719BMA...Q	200 mm
1719BMA...P	200 mm
1719BMA...T	200 mm
1719BMA...M	200 mm
1719BMA...R	200 mm
35	200 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1052	240 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1370	500 g
1390	Ø 35 mm

4,8 kg

MB65	1 024504265
MBV61	1 024524261

C45PRO 2.0

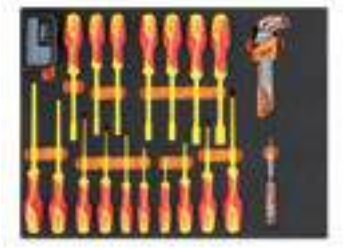


MM

514

MB63

58



96BPC/SC9	
1253	
943MQ	5,5-6-7-8-10-13 mm
1272MQ	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
1274MQ	2,5x75 - 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
860LP	0,5x3 - 0,6x4 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
860PE	2 - 2,5 - 3 - 4 - 5 - 6- 8 - 10 mm
860PH	PH0 - PH1 - PH2 - PH3 - PH4
860PZ	PZ1 - PZ2 - PZ3 - PZ4
860RTX	T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
882MSR 50	○ 1/4 ● 1/4
850MQ	

3,2 Kg

MB63	1 024504271
MBV71	1 024524271

MB64

20

55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
1048MQ	250 mm
1082MQ	140 mm
1128BSX	148 mm
1132MQ	230 mm
1142MQ	160 mm
1150MQ	180 mm
1166MQ	160 mm
1168MQ	160 mm
110MQ	250 mm
1777MQ	
993MQ	
1602	

4,1 kg

MB64	1 024504264
MBV66	1 024524266

MM11

30

42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
96BPC/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

4,5 kg

MM11	1 024580011
MMV10	1 024590010

MM26

34

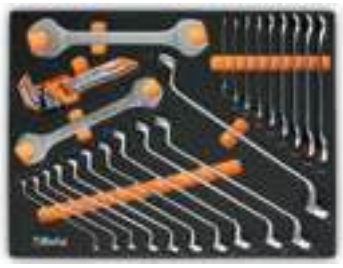
42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 mm
111E	250 mm
123Q1/4	
123Q3/8	
123Q1/2	
142	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

4,3 kg

MM26	1 024580026
MMV26	1 024590026

MM30

31



55	6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22-21x23-24x27-30x32 mm
90	6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22-21x23-24x27-30x32 mm
96BPC/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

4,9 kg

MM30	1 024580030
MMV30	1 024590030

MM60MH

23

96T	2 - 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
97BTX/SC8	T9-T10-T15-T20-T25-T27-T30-T40
944MH	5-6-7-8-10-13 mm

2,2 Kg

MM60MH	1 024580072
MMV72MH	1 024590072

MM63

8

952	7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

3,4 kg

MM63	1 024580063
MMV63	1 024590063

MM100MH

98

895/1	
895/3	
895/6	
900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900L	5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
900ME	3-4-5-6-7 mm
900LP	0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8 mm
900PH	PH1-PH2-PH3-PH4
900TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
900/20	50 mm
900/20L	100 mm
900/21	150 mm
900/25	
900BG/31	
900/42	
900/55	
920A	8-10-11-12-13-14-15-16-17-18-19-20 21-22-23-24-26-27-28-30-32 mm
920/15	
920/25	
920AN/125	125 mm
920AN/250	250 mm
920/42	
920/55	
920FTX	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 mm
920AL	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22

6,7 Kg

1/4" 1/2"

MM100MH	1 024580109
MMV109MH	1 024590109

MM105MH

107

895/1	⬡1/4-□1/4
895/3	⬡1/4-□3/8
895/6	⬡5/16-□1/2
900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
900L	5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
900ME	3-4-5-6-7 mm
900LP	0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8
900PH	PH1-PH2-PH3-PH4
900TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
900/16	
900/...	50-100-150 mm
900/25	
900BG/31	
900/42	115 mm
900/55	125 mm
910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
910/15	□3/8-■1/4
910/16	□3/8-■1/2
910/21	125 mm
910/22	250 mm
910/25	
910/42	210 mm
910/55	200 mm
920A	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm
920/15	□1/2-■3/8
920/25	
920AN	125-250 mm
920/42	305 mm
920/55	275 mm
956E	16 mm (5/8") - 17,8 (11/16") - 20,8 (13/16")

7,2 Kg

1/4" 3/8" 1/2"

MM105MH	1 024580114
MMV114MH	1 024590114

MM129

12

1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1048N	250 mm
1052	240 mm
1082BM	160 mm
1098	220 mm
1128BM	145 mm
1150BM	180 mm
1166BM	160 mm
1168BM	160 mm

2,9 Kg

MM129	1 024580129
MMV129	1 024590129

MM210

25

1201E	2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
1201EN	4x30 mm
1202E	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
1202EN	PH1X30 mm
1207E/TX	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
1253	

2,1 kg

MM210	1 024580211
MMV210	1 024590210

MM230

25

30	Ø 2-3-4 mm
31	Ø 2-3-4-5-6-8 mm
32	Ø 4 mm
34	150 mm
35	200-250 mm
36	125 mm
1370	500 g
1390	Ø 35 mm
1692	3 m
1712TF	
1719BMA...Q	200 mm
1719BMA...T	200 mm
1719BMA...P	200 mm
1719BMA...M	200 mm
1719BMA...R	200 mm
1737NX	
1771	170 mm

3,2 Kg

MM230	1 024580230
MMV230	1 024590230

MM400

29

3932U/13	
3935	120 mm
3937	170 mm
3952	13 - 14 - 15 - 16 - 17 - 18 - 19 mm
☐ **3961 3,2**	
☐ **3961 3,3**	
☐ **3961 3,5**	
☐ **3961U**	3,2 - 4,0 mm
3969	200 mm (x2)
3969K3	113 mm
3973/1	
3973/2	
3973/3	
3973/4	
3984/1	
3984/2	
3984/3	
3984/4	
3991	222 mm
3992	234 mm

3,1 kg

MM400	1 024580400
MMV402	1 024590402

MM401

7

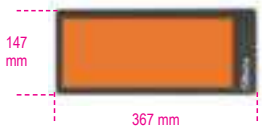
3921	440 mm
3948	
3953	
3955	30x32 mm - 32x36 mm
3967	289 mm
3971	

2,7 kg

MM401	1 024580401
MMV401	1 024590401

VPM0

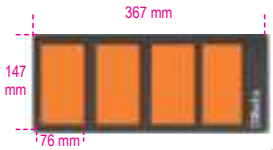
EVA foam tray
with tote tray



VPM0	1 088870350

VPM3

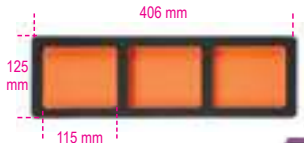
EVA foam tray
with 4 tote trays



VPM3	1 088870353

VPM7

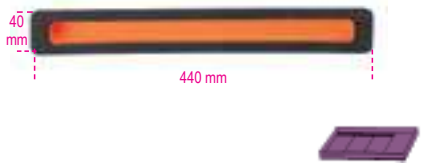
EVA foam tray with 3 tote trays,
for tool chests C45PRO 2.0



VPM7	1 088870356

VPM8

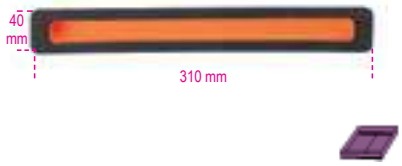
EVA foam tray with tote tray,
for mobile roller cabs and tool chests C45PRO 2.0



VPM8	1 088870357

VPM9

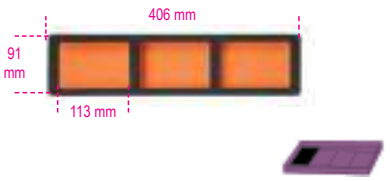
EVA foam tray with tote tray, for
tool chest C45PRO 2.0 M7A and mobile roller
cab C45PRO 2.0 MWS



VPM9	1 088870358

VPM7-C

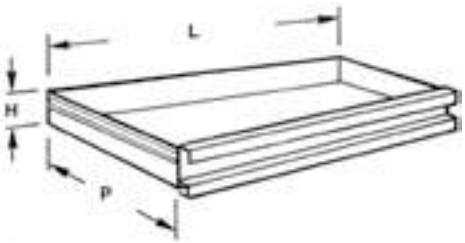
EVA foam tray with 3 tote trays,
for mobile roller cabs C45PRO 2.0



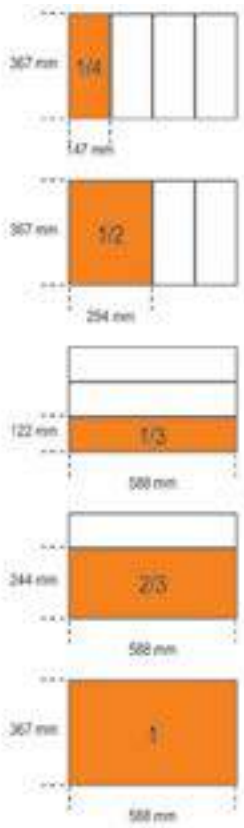
VPM7C	1 088870360

Hard thermoformed trays T-series

Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.



H mm	LxP mm
70	588x367



T01

17

42	6-7-8-10-11-12-13 14-16-17-18-19-21 22-24-27-30 mm

2,7 kg

T01	1 024240001
TV10	1 024000400

T05

16

42	6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21 mm

1,5 kg

T05	1 024240005
TV15	1 024000445

T06

5

42	22-24-27-30-32 mm

2,1 kg

T06	1 024240006
TV16	1 024000446

T23

16

42INOX	8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
O 96BPINOX	2,5-3-4-5-6-8-10 mm

1 kg

T23	1 024240023
TV23	1 024249906

T24

15

42AS	5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4
O 96AS/BG7	3/32-1/8-5/32-3/16 1/4-5/16-3/8

1 kg

T24	1 024240024
TV20	1 024000488

T28

16

42MP	6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21 mm

1,5 kg

T28	1 024240028
TV15	1 024000445

T29

5

42MP	22-24-27-30-32 mm

2,1 kg

T29	1 024240029
TV16	1 024000446

T31

27

31	Ø 2-3-4-5-6 mm
32	Ø 4 mm
55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22-21x23 24x26-27x29 30x32 mm
O 96N/SC9	1,5÷10 mm

3 kg

T31	1 024240031
TV30	1 024000401

T33

17

55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
○ 96/SC9	1,5÷10 mm

1 kg

T33	1 024240033
TV20	1 024000488

T40

7

90	6x7-8x9-10x11 12x13-14x15 16x17-18x19 mm

810 g

T40	1 024240040
TV40	1 024000456

T41

5

90	20x22-21x23 24x26-25x28 27x29 mm

1,5 kg

T41	1 024240041
TV41	1 024000457

T45

12

142	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,3 kg

T45	1 024240045
TV45	1 024000498

T46

12

142SN	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,5 kg

T46	1 024240046
TV46	1 024000499

T48

21

○ 96BPC/SC9	1,5÷10 mm
142C	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,4 kg

T48	1 024240048
TV47	1 024000763

T50

11

○ 96T	2-2,5-3-3,5-4-4,5 5-6-7-8-10 mm

1,3 kg

T50	1 024240050
TV50	1 024000764

T52

6

○ 96T	2-2,5-3-4-5-6 mm

350 g

T52	1 024240052
TV52	1 024000765

T55

6

○ 97TTX	T10-T15-T20 T25-T27-T30

330 g

T55	1 024240055
TV55	1 024000766

T59

14

111E	250 mm
920/40	■ 1/2
○ 951	2,5-3-4-5-6-8 mm
○ 953	4-5-6-8 mm
1370	300 - 500 g

4,7 kg

T59	1 024240059
TV60	1 024000420

T63

8

◎ 952	7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

3,8 kg

T63	1 024240063
TV63	1 024000471

T65

8

○ 953	3 - 3,5 - 4 - 5 - 6 - 7 - 8 - 10 mm

2,8 kg

T65	1 024240065
TV63	1 024000471

T68

6

951 2,5-3-4-5-6-8 mm

590 g

T68	1 024240068
TV68	1 024000470

T73

10

930 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

940/1 100 mm

940/2 170 mm

1,3 kg

T73	1 024240073
TV73	1 024000418

T75

16

933 7-8-9-10-11-12-13 14-15-16-17-18-19 21-22-24 mm

4,2 kg

T75	1 024240075
TV75	1 024000422

T77

10

933 6-7-8-10-11-12-13 14-17-19 mm

1,4 kg

T77	1 024240077
TV77	1 024000474

T80

29

920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm

920ME 5-6-8-10-12 mm

920/21 125 mm

920/22 255 mm

920/25

920/42 305 mm

920/55

12"

4,1 kg

T80	1 024240080
TV80	1 024000403

T81

29

920B 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm

920ME 5-6-8-10-12 mm

920/21 125 mm

920/22 255 mm

920/25

920/42 305 mm

920/55

12"

4,1 kg

T81	1 024240081
TV80	1 024000403

T82

29

920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm

920ME 5-6-8-10-12 mm

920AN/125 125 mm

920AN/250 250 mm

920/25

920/42 305 mm

920/55N

12"

4,1 kg

T82	1 024240082
TV80	1 024000403

T83

24

920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm

920/21 125 mm

920/22 255 mm

920/25

920/42 305 mm

920/55

12"

3,6 kg

T83	1 024240083
TV83	1 024000402

T85MH

81

861LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm

861PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

861PH PH0 - PH1 - PH2 - PH3

861PZ PZ1 - PZ2 - PZ3

861TX T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40

861RTX T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40

861TRW 1-2-3-4-5-6 mm

861TQS 0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10 mm

861SP 4-6-8-10-12 mm

851E/SR 230 mm

900 4-4,5-5-5,5-6-7-8-9 10-11-12-13-14 mm

900/21 150 mm

900/25 41 mm

900BG/31

900/42 115 mm

900/55

194 1/4x5/16

14"

590 g

T85MH	1 024240088
TV85MH	1 024000757

T91MH

25

900 4-4,5-5-5,5-6 7-8-9-10-11 12-13-14 mm

900ME 2,5-3-4-5-6-8 mm

900/20 50 mm

900/21 150 mm

900/25

900BG/31

900/42 115 mm

900/55

14"

800 g

T91MH	1 024240098
TV90MH	1 024000647

T92

22

910A 6-7-8-9-10-11-12-13 14-15-16-17-18-19 20-21-22 mm

910/21 125 mm

910/22 250 mm

910/25

910/42 210 mm

910/55

3/8"

1,5 kg

T92	1 024240092
TV92	1 024000458

T99

16

920INOX-A 10-12-13-14-15-16-17-18-19 21-22-24-27-30-32mm

920/55INOX

12"

2,7 kg

T99	1 024240099
TV99	1 024249908

T100

16

920A 10-12-13-14-15 16-17-18-19-21 22-24 mm

920/21 125 mm

920/25

920/42 305 mm

920/55

12"

2,1 kg

T100	1 024240100
TV100	1 024000495

T101

16

920B 10-12-13-14-15 16-17-18-19-21 22-24 mm

920/21 125 mm

920/25

920/42 305 mm

920/55

12"

2,1 kg

T101	1 024240101
TV100	1 024000495

T102

16

920AS 3/8-7/16-1/2 9/16-5/8-11/16 3/4-13/16-7/8 15/16-1-1.1/16

920/21 125 mm

920/25

920/42 305 mm

920/55

12"

2,1 kg

T102	1 024240102
TV100	1 024000495

T103

17

900L 6-7-8-9-10-11-12 mm

920AL 13-14-16-17-18-19 21-22-24-27 mm

14" 12"

1,1 kg

T103	1 024240103
TV103	1 024000748

T105

11

928A 22-24-27-30-32-34 36-38-41-46-50 mm

3/4"

4,9 kg

T105	1 024240105
TV105	1 024000484

T106

4

928/21 200 mm

928/22 380 mm

928/42 450 mm

928/55

3/4"

4,5 kg

T106	1 024240106
TV106	1 024000485

T111

16

720 10-13-15-17-18-19-21 22-24-27-30-32 mm

720LC 17-19-21 mm

720/21 125 mm

12"

2,7 kg

T111	1 024240111
TV111	1 024000476

T112

32

861TX ●1/4-T6÷T15

866TX ●5/16-T20÷T55

895/1 ○1/4x□1/4

895/6 ○5/16x□1/2

900FTX □1/4-E4÷E10

920FTX □1/2-E12÷E24

920TX □1/2-T55L-T60-T70L

14" 12"

1,3 kg

T112	1 024240112
TV112	1 024000480

T113

12

920PE 5L-6L-7L-8L-10L

920TX T40L-T45L T55L-T70L

920XZN M6L-M8L-M12L

12"

1,5 kg

T113	1 024240113
TV113	1 024000489

T122

1

666/20 40 - 200 Nm

12"

1,2 kg

T122	1 024240122
TV122	1 024000768

T123

3

1082G 160 mm

1150G 180 mm

1166G 160 mm

550 g

T123	1 024240123
TV135	1 024000762

T124

3

1082GBM	160 mm
1150GBM	180 mm
1166GBM	160 mm

640 g

T124	1 024240124
TV135	1 024000762

T135

3

1082MQ	160 mm
1150MQ	180 mm
1166MQ	160 mm

1000 V

750 g

T135	1 024240135
TV135	1 024000762

T137

3

1084BM	160 mm
1150BM	180 mm
1166BM	160 mm

750 g

T137	1 024240137
TV130	1 024000451

T138

3

1084	160 mm
1150	180 mm
1166	160 mm

650 g

T138	1 024240138
TV130	1 024000451

T140

8

1032	140x0,9 - 180 mm
1034	170 mm
1036	140x1,3 - 175 mm
1038	175 mm
1084	160 mm
1128BM	145 mm

1,1 kg

T140	1 024240140
TV140	1 024000405

T144

4

1048N	250 mm
1052	240 mm
1112	250 mm
1150	180 mm

1,8 kg

T144	1 024240144
TV143	1 024000409

T145

4

1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm

640 g

T145	1 024240145
TV145	1 024000448

T146

4

1032	140x0,9 mm
1032	225 mm
1036	140x1,3 mm
1036	225 mm

700 g

T146	1 024240146
TV146	1 024000449

T151

2

1057A	240 mm
1047N	250 mm

1,3 kg

T151	1 024240151
TV150	1 024000462

T153

2

1048N	250 mm
1052	240 mm

1,1 kg

T153	1 024240153
TV150	1 024000462

T156

3

1082	160 mm
1150	180 mm
1048N	250 mm

1 kg

T156	1 024240156
TV148	1 024000500

T157

3

1082BM	160 mm
1150BM	180 mm
1048BM	250 mm

1,1 kg

T157	1 024240157
TV148	1 024000500

T167MH

11

1221	3x75 3x100 4x100 4x150 5,5x100 5,5x150 6,5x150 8x150 10x200 mm
1221N	4x30 6,5x30 mm

1,3 Kg

T167MH	1 024240182
TV160MH	1 024000716

T168MH

9

1222	PH0x60 PH0x100 PH1x80 PH1x120 PH2x100 PH2x150 PH3x150 mm
1222N	PH1x30 PH2x30 mm

1 Kg

T168MH	1 024240184
TV161MH	1 024000717

T187MH

6

1228RTX	T10-T15 T20-T25-T27 T30

680 g

T187MH	1 024240187
TV227MH	1 024000715

T199MH

7

1221	2,5x50 3x75 3,5x100 4x125 5,5x100 5,5x150 6,5x150 mm

490 g

T199MH	1 024240189
TV170MH	1 024000751

T201MH

5

1221	8x150 8x200 10x200 mm
1221N	4x30 6,5x30 mm

680 g

T201MH	1 024240251
TV171MH	1 024000752

T202MH

6

1222	PH0x60 PH0x100 PH1x80 PH1x120 PH2x100 PH2x150 mm

490 g

T202MH	1 024240252
TV172MH	1 024000753

T204MH

4

1222	PH3x150 PH4x200 mm
1222N	PH1x30 PH2x30 mm

610 g

T204MH	1 024240242
TV173MH	1 024000754

T205MH

7

1227TX	T6-T7-T8-T9 T10-T15-T20

460 g

T205MH	1 024240247
TV175MH	1 024000770

T206MH

5

1227TX	T25-T27-T30 T40-T45

710 g

T206MH	1 024240246
TV176MH	1 024000771

T208MH

7

1221	3x75 4x100 5,5x150 6,5x150 mm
1222	PH0x60 PH1x80 PH2x100 mm

530 g

T208MH	1 024240243
TV180MH	1 024000711

T211

7

1201E	2,5x50 3x75 3,5x100 4x125 5,5x100 5,5x150 6,5x150 mm

490 g

T211	1 024240211
TV170MH	1 024000751

T213

6

1202E	PH0x60 PH1x80 PH1x120 PH2x100 PH2x150 PH3x150 mm

490 g

T213	1 024240213
TV212	1 024000440

T216

7

1207E/TX T6-T7-T8-T9 T10-T15-T20

410 g

T216	1 024240216
TV175MH	1 024000770

T221

7

1201E 3x75 4x100 5,5x150 6,5x150 mm

1202E PH0x60 PH1x80 PH2x100 mm

530 g

T221	1 024240221
TV180MH	1 024000711

T226

7

1274MQ 3x100 4x100 5,5x125 6,5x150 mm

1272MQ PH0x60 PH1x80 PH2x100 mm

1000 V

460 g

T226	1 024240226
TV180MH	1 024000711

T227MH

6

944MH 5-6-7-8-10-13 mm

490 g

T227MH	1 024240244
TV227MH	1 024000715

T228

7

1201INOX-E 3x75 - 4x100 - 5,5x150 - 6,5x150 mm

1202INOX-E PH0x60 - PH1x80 - PH2x100 mm

480 g

T228	1 024240228
TV180MH	1 024000711

T231

5

1370 400 g

1390 Ø 35 mm

1719BMA/T 200 mm

1719BMA/P 200 mm

1719BMA/M 200 mm

1,7 kg

T231	1 024240231
TV230	1 024000411

T233

4

35 100-200 mm

1370F 32 mm

1390 Ø 35 mm

1,3 kg

T233	1 024240233
TV232	1 024000452

T234

4

35 100-200 mm

1370 300 g

1390 Ø 35 mm

1,3 kg

T234	1 024240234
TV232	1 024000452

T236

5

1719BMA/Q 200 mm

1719BMA/T 200 mm

1719BMA/P 200 mm

1719BMA/M 200 mm

1719BMA/R 200 mm

870 g

T236	1 024240236
TV235	1 024000453

T239

7

31BM Ø 2-3-4-5-6-8 mm

32 Ø 4 mm

850 g

T239	1 024240239
TV239	1 024000439

T241

3

1500N/1

1500N/3

1516/1

4,2 kg

T241	1 024240241
TV241	1 024000414

T259

40

96BP 2,5-3-4-5 6-8-10 mm

96N 12 mm

861MIX/A31

895/1

950 g

T259	1 024240259
TV263	1 024000492

T270

60

430	M3 - 4 - 5 - 6 - 7 - 8 - 9 10 - 12 - 14 - 16 - 18 - 20
433	M6x0,75 - M8x1 - M10x1,25 M12x1,5 - M14x1,5 M16x1,5 - M18x1,5
440	M3 - 4 - 5 - 6 - 7 - 8 - 9
440A	M10 - 12 - 14 - 16 - 18 - 20
441	M6x0,75 - M8x1,0
441A	M10x1,25 - M12x1,5 M14x1,5 - M16x1,5 M18x1,5

4,3 kg

T270	1	024240270
TV270	1	024000481

T271

1

1741	250 mm
1741RV2,9K	2,9x6 mm (100)
1741RV3,2K	3,2x8 mm (100)
1741RV3,8K	3,8x10 mm (100)
1741RV4K	4x12 mm (100)
1741RV4,8K	4,8x12 mm (100)

1,4 kg

T271	1	024240271
TV271	1	024000475

T273

7

435/1,5	M3÷M12
435/3	M5÷M21
436/1	□ 2,0÷5,0 mm (M3÷M8)
436/2	□ 4,6÷8 mm (M5÷M12)
444/1	Ø 25,4 mm
444/2	Ø 38,1 mm
1707	W 62÷4x1"

2,1 kg

T273	1	024240273
TV272	1	024000482

T284

10

1128BMX	147 mm
1130BMX	185 mm
■ **1719BMA...Q**	200 mm
▲ **1719BMA...T**	200 mm
▮ **1719BMA...P**	200 mm
◗ **1719BMA...M**	200 mm
● **1719BMA...R**	200 mm
1726BM	400 mm
1728BM	
1771BM	170 mm
1778AN	204 mm

3,3 kg

T284	1	024240284
TV286	1	024249904

T291

3

1479RB/1	
1479RB/2	
1479RB/3	

600 g

T291	1	024240291
TV291	1	024000472

T297

3

1651DGTB	
1682	300 mm
1691BM	5 m

490 g

T297	1	024240297
TV296	1	024000749

VP1 - VP2

ABS thermoformed trays with tote trays, for portable tool chests RSC22, RSC23, RSC23C

	H mm		
VP1	50	1	088880351
VP2	35	1	088880352

VP3 - VP4

ABS thermoformed trays with tote trays, for all models of, tool chests, mobile roller cabs and trolleys

	H mm		
VP3	50	1	088880353
VP4	35	1	088880354

VP5

ABS thermoformed tray with 2 tote trays

	H mm		
VP5	45	1	088880355

VP6

ABS thermoformed tray with 6 tote trays

	H mm		
VP6	45	1	088880359

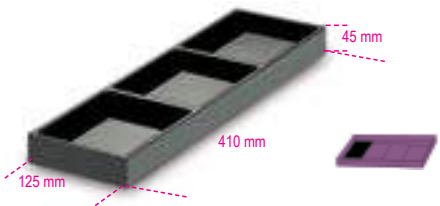
VP7-C

ABS thermoformed tray with 3 tote trays, for mobile roller cabs C45PRO 2.0

	H mm		
VP7-C	45	1	088880361

VP-3SC

ABS thermoformed tray with 3 tote tray, for mobile roller cab C04TSS-7 - C45PRO 2.0



	H mm		
VP-3SC	45	1	088880356

VP-LS

ABS thermoformed tray with tote tray, for mobile roller cab C04TSS-7 - C45PRO 2.0

	H mm		
VP-LS	45	1	088880357

8889P1

parallel partitions for item RSC22, RSC23, RSC23C e C27S

drawer 588x277 mm

	h		
8889P1/5	50 mm	1	088890005

8889P2

parallel partitions for standard drawer 588x367 mm

	h		
8889P2/7	70 mm	1	088890107

8889C2

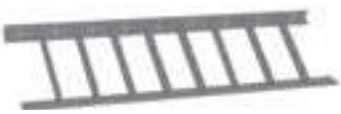
crossed partitions for standard drawer 588x367 mm

	h		
8889C2/7	70 mm	1	088890117

8889P3

parallel partitions for item RSC24AXL, RSC24AXLP/7, RSC24AXXL

for drawer 882x367 mm



	h		
8889P3/7	70 mm	1	088890207

8889C3

crossed partitions for RSC24AXL, RSC24AXLP/7, RSC24AXXL

for drawer 882x367 mm

	h		
8889C3/7	70 mm	1	088890217

8889PS

parallel partitions for item C45PRO 2.0 M4/M5/M7/M8/M3A/ACT/TC

drawer 566x406 mm

	h		
8889PS/7	70 mm	1	088890407

8889CS

crossed partitions for item C45PRO 2.0 M4/M5/M7/M8/M3A/ACT/TC

drawer 566x406 mm

	h		
8889CS/7	70 mm	1	088890417

8889C6

crossed partitions for item C35

for drawer 600x447 mm

	h		
8889C6/7,5	75 mm	1	088890475
8889C6/15	150 mm	1	088890485

SB

socket rails

	L mm		
SB1	210	10	088880201
SB2	280	10	088880202
SB3	360	10	088880203

PM 1/2-Q5

magnetic socket rail

PM 1/2-Q5		1	088880233

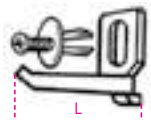
MB

socket clips for rails SB

	□		
MB0	1/4	50	088880210
MB1	3/8	50	088880211
MB2	1/2	50	088880212

KIT/GPS

kit of 40-mm GPS hooks with screws VE1



	L mm		
KIT/GPS-40	40	50	088880119
KIT/GPS-90	90	50	088880117

VE1

expansion bolts

VE1		20	088880120

GM

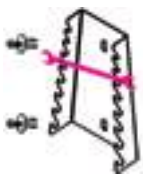
snap hooks with expansion bolts VE1

	ø mm		
	6,5	5	088880250
	9,5	5	088880251
	13	5	088880252
	16	5	088880253
	19	5	088880254
	25	5	088880255

S55/8

supports for 8 double open end wrenches, made from sheet metal

- **supplied complete with 3 expansion bolts VE1**

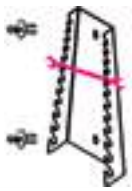


S55/8 55/S8 55AS/8 55MP/S8		1	088880420

S55/12

supports for 12 double open end wrenches, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

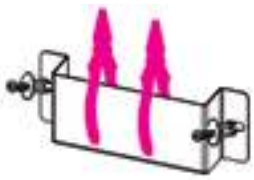


S55/12 55/S12 55/S12X 55AS/12 55MP/S12	1 088880421

ST2P

pliers pockets, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

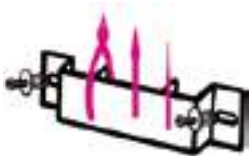


ST2P	1 088880422

TSPP

tool pockets, made from plastic material

• **supplied complete with 3 expansion bolts VE1**



TSPP	1 088880402

S952/10

supports for 10 T-handles, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

S952/10	1 088880423

S1719BM

supports for 5 files, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

S1719BM 1719BMA: Q-T-P-M-R 1719BMD: Q-T-P-M-R 1719BMX: Q-T-P-M-R	1 088880404

SGN

supports for 2 mini screwdrivers, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

SGN 1290N-1292N-1299N/PZ 1260N-1262N-1269N/PZ 1201EN-1202EN-1209EN/PZ	1 088880405

CB/2

hard thermoformed tray for 1/2" sockets and accessories, empty

• **only for item C54S**

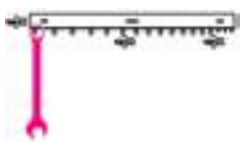
1/2"

CB/2 920A/920B 10÷24+26-27 28-30-32 mm 920/21-920/22-920/25-920/42-920/55	1 088880411

S42/17

supports for 17 combination wrenches, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**



S42/17 42/S17 42MP/S17 42/S17X 42AS/17 142/S17	1 088880428

S951/6

supports for 6 T handle wrenches with hexagon male ends, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

S951/6 951/S6 951AS/S6X 951TX/S6	1 088880429

SPG11 - S1203/8

supports for screwdrivers, made from sheet metal

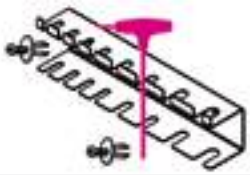
• **supplied complete with 3 expansion bolts VE1**

SPG11 n.8 Ø = 7 mm n.2 Ø = 10 mm n.1 Ø = 12 mm	1 088880910
S1203/8 1203E/S8 1263/D8 1293/S8	1 088880430

S96T/8

supports for 8 offset hexagon key wrenches, with high torque handles, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

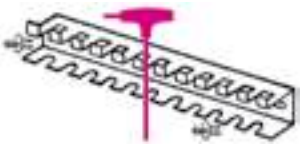


S96T/8 96T/AS8 96T/S8 97TTX/S8	1 088880431

96T/SPV

supports for 11 offset hexagon key wrenches, with high torque handles, made from sheet metal

• **supplied complete with 3 expansion bolts VE1**

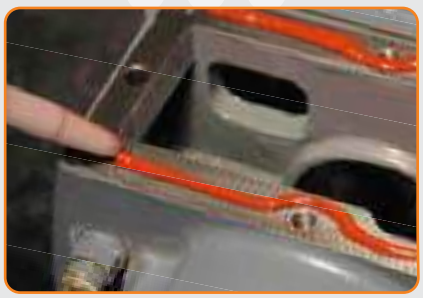


96T/SPV 96T/S11 97TTX/S11	1 000960958

BETA CHEMICALS

Beta CHEMICALS

Anaerobic Products
Anaerobic products allow complete filling of small superficial irregularities in metal, so that mechanical stress can be distributed throughout the connecting surface. They harden in total absence of oxygen and completely seal joints or threads from water, gas, oil, fuel and industrial fluids.
They are available in three different strengths – high (H), medium (M) and low (L) – and in different packs, to satisfy different needs.



Silicone gasket maker
Silicone gasket makers enable permanent elastic sealing, preventing small-sized substances (debris, dust…) from penetrating into joints and replacing preformed gaskets. Based on their elastic properties, they can absorb movement, with no interior expansion or breakage. Silicone gasket makers polymerize by reacting with atmospheric humidity, and form elastic, durable seals.

Instant Glue
Adhesive based on ethyl cyanoacrylate, for structural joints in a number of materials.

Aerosols
A wide range of products in spray cans, for use for unlocking, greasing, lubricating, cleaning, galvanizing and sanitizing purposes.

Liquids
Developed to remove encrustations and rust from mechanical parts and metal objects. Ideal for use with ultrasonic cleaning tanks 1895.

ATTENTION
Countries where the products of the Beta Chemicals range are allowed to be distributed: Austria, Andorra, Belgium, Czech Republic, Dominican Republic, France, Hungary, Italy, Netherlands, New Caledonia, People's Republic of China, Poland, Portugal, Principality of Monaco, Republic of Ireland, Reunion, San Marino, Slovakia, Slovenia, Spain, Switzerland, United Arab Emirates, United Kingdom.

9803H
threadlocker-High Resistance

Ideal for permanent locking of parts that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel.
Does not allow disassembly with hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**800/1200 mPa/s**
Breakaway torque (ISO-10964)	35-45 Nm
Prevailing torque (ISO-10964)	**30-40 Nm**

ml			
20	**bottle**	12	098030002
50	**bottle**	4	098030005
250	**bottle**	4	098030025
20	**bottle**	12	098032002
50	**bottle**	4	098032005
250	**bottle**	4	098032025

9802M
threadlocker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance, bearings and bushes.
Allows dismantling by using hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**500/800 mPa/s**
Breakaway torque (ISO-10964)	22-30 Nm
Prevailing torque (ISO-10964)	**20-25 Nm**

ml			
20	**bottle**	12	098020002
50	**bottle**	4	098020005
250	**bottle**	4	098020025
20	**bottle**	12	098022002
50	**bottle**	4	098022005
250	**bottle**	4	098022025

9801L
threadlocker-Low Resistance

Ideal for fixing particular light alloys which could get damaged during disassembly and for adjusting screws.
Easier parts disassembly.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**500/800 mPa/s**
Breakaway torque (ISO-10964)	6-10 Nm
Prevailing torque (ISO-10964)	**4-8 Nm**

ml			
20	**bottle**	12	098010002
50	**bottle**	4	098010005
250	**bottle**	4	098010025
20	**bottle**	12	098012002
50	**bottle**	4	098012005
250	**bottle**	4	098012025

9813H
thread sealant-High Resistance

Ideal for permanent sealing of nipples, that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel.
Does not allow disassembly with hand tools.

Temperature range	**-50/200 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**40000/80000 mPa/s**
Breakaway torque (ISO-10964)	35-45 Nm
Prevailing torque (ISO-10964)	**25-35 Nm**

ml			
20	**bottle**	12	098130002
50	**bellow bottle**	6	098130305
50	**tube**	4	098130505
250	**tube**	4	098130525
20	**bottle**	12	098132002
50	**bellow bottle**	6	098132305
50	**tube**	4	098132505
250	**tube**	4	098132525

9812M
thread sealant-Medium Resistance

Ideal for sealing nipples parts subject to periodic maintenance.
Allows dismantling by using hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**12/18 min.**
Functional cure time	3-6 h
Viscosity 25°C	**20000/40000 mPa/s**
Breakaway torque (ISO-10964)	27-35 Nm
Prevailing torque (ISO-10964)	**20-30 Nm**

ml			
20	**bottle**	12	098120002
50	**bellow bottle**	6	098120305
50	**tube**	4	098120505
250	**tube**	4	098120525
20	**bottle**	12	098122002
50	**bellow bottle**	6	098122305
50	**tube**	4	098122505
250	**tube**	4	098122525

9811L
thread sealant-Low Resistance

Ideal forsealing small or fine-pitch joints.
Easier parts disassembly.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**10000/20000 mPa/s**
Breakaway torque (ISO-10964)	6-10 Nm
Prevailing torque (ISO-10964)	**4-8 Nm**

ml			
20	**bottle**	12	098110002
50	**bellow bottle**	6	098110305
50	**tube**	4	098110505
250	**tube**	4	098110525
20	**bottle**	12	098112002
50	**bellow bottle**	6	098112305
50	**tube**	4	098112505
250	**tube**	4	098112525

9823H
liquid gasket-High Resistance

Ideal for permanent sealing of surfaces. Also ideal for reclaiming bearing housings and worn parts.
Does not allow disassembly with hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/16 min.**
Functional cure time	3-6 h
Viscosity 25°C	**100000/200000 mPa/s**
Breakaway torque (ISO-10964)	35-45 Nm
Prevailing torque (ISO-10964)	**20-30 Nm**

ml			
20	**bottle**	12	098230002
50	**bellow bottle**	6	098230305
50	**tube**	4	098230505
250	**tube**	4	098230525
20	**bottle**	12	098232002
50	**bellow bottle**	6	098232305
50	**tube**	4	098232505
250	**tube**	4	098232525

9822M
liquid gasket-Medium Resistance

Ideal for sealing of surfaces of parts subject to periodic maintenance
Allows dismantling by using hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**40000/70000 mPa/s**
Breakaway torque (ISO-10964)	25-35 Nm
Prevailing torque (ISO-10964)	**20-30 Nm**

ml			
20	**bottle**	12	098220002
50	**bellow bottle**	6	098220305
50	**tube**	4	098220505
250	**tube**	4	098220525
20	**bottle**	12	098222002
50	**bellow bottle**	6	098222305
50	**tube**	4	098222505
250	**tube**	4	098222525

9821L
liquid gasket-Low Resistance

Ideal for sealing of surfaces of parts subject to frequent maintenance.
Protects threads from corrosion and seizure from corrosion.
Easier parts disassembly.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**20/30 min.**
Functional cure time	3-6 h
Viscosity 25°C	**60000/90000 mPa/s**
Breakaway torque (ISO-10964)	7-11 Nm
Prevailing torque (ISO-10964)	**4-9 Nm**

ml			
20	**bottle**	12	098210002
50	**bellow bottle**	6	098210305
50	**tube**	4	098210505
250	**tube**	4	098210525
20	**bottle**	12	098212002
50	**bellow bottle**	6	098212305
50	**tube**	4	098212505
250	**tube**	4	098212525

9833H
locker-High Resistance

Ideal for fixing parts that do not need subsequent dismantling
Also suitable for fixing already installed devices that are difficult to dismantle.
Does not allow disassembly with hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**400/700 mPa/s**
Breakaway torque (ISO-10964)	35-45 Nm
Prevailing torque (ISO-10964)	**30-40 Nm**

ml			
20	**bottle**	12	098330002
50	**bottle**	4	098330005
250	**bottle**	4	098330025
20	**bottle**	12	098332002
50	**bottle**	4	098332005
250	**bottle**	4	098332025

9832M
locker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance.
Allows dismantling by using hand tools.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**12/20 min.**
Functional cure time	3-6 h
Viscosity 25°C	**2000/4000 mPa/s**
Breakaway torque (ISO-10964)	25-35 Nm
Prevailing torque (ISO-10964)	**18-28 Nm**

ml			
20	**bottle**	12	098320002
50	**bottle**	4	098320005
250	**bottle**	4	098320025
20	**bottle**	12	098322002
50	**bottle**	4	098322005
250	**bottle**	4	098322025

9831L
locker-Low Resistance

Ideal for fixing small parts subject to frequent maintenance.
Easier parts disassembly.

Temperature range	**-50/150 °C**
Max gap fill	0 mm
Handling cure time	**10/15 min.**
Functional cure time	3-6 h
Viscosity 25°C	**500/800 mPa/s**
Breakaway torque (ISO-10964)	6-10 Nm
Prevailing torque (ISO-10964)	**4-8 Nm**

ml			
20	**bottle**	12	098310002
50	**bottle**	4	098310005
250	**bottle**	4	098310025
20	**bottle**	12	098312002
50	**bottle**	4	098312005
250	**bottle**	4	098312025

9841N

Black silicone gasket maker
Resistant to high temperatures, with convenient pressure dispenser

**Withstands temperatures up to 240 °C.
Enables permanent elastic sealing. Replaces preformed gaskets.
The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product.
Polymerizes by reacting with atmospheric moisture, and forms an elastic, durable gasket.
Ideal for oil sumps, oil pumps, housings, gearboxes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous supports.
Cannot be painted.**

Not for sale in: Portugal, China, Czech Republic, Slovenia, Slovakia

ml		
200	12	098410120

9841R

Red silicone gasket maker
Resistant to high temperatures, with convenient pressure dispenser

**Withstands temperatures up to 300 °C.
Enables permanent elastic sealing. Replaces preformed gaskets.
The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture, and forms an elastic, durable gasket.
Ideal for oven doors, plates, heating systems, outlets, thermostats, pumps, heating pipes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous supports.
Cannot be painted.**

Not for sale in: Portugal, China, Czech Republic, Slovenia, Slovakia

ml		
200	12	098410020

9851

instant glue
for structural joints

**Based on ethyl cyanoacrylate.
For adhesion of a wide range of materials, including metal, plastics,
leather, wood and several other types of substrates, whether combined with each other or separate.
Bonds quickly.**

5 g tube not for sale in: China, Czech Republic, Poland, Slovenia, Slovakia

Temperature range	**-55/82 °C**
Viscosity 25°C	80/120 mPa/s

g			
20	bottle	12	098510002
50	bottle	10	098510005
50	bottle	10	098512005

9710 - LUBRIBETA universal

7-in-1 multipurpose unlocking lubricant

**1. Unlocking;
2. Lubricating;
3. Detergent, degreasing;
4. Rust protective;
5. Deoxidizing, for electrical contacts;
6. Waterproof;
7. Antifreezing.
Silicone-free.**

ml		
400	12	097100040
400	12	097101040

9712 - Ultra Sblock

unlocking lubricant, super-penetrating

**Unlocking, deoxidizing, waterproof.
Ideal for dissolving rust from nuts, bolts, screws and gears.**

ml		
400	12	097120040
400	12	097121040

9720 - Multi Grease

multipurpose grease

**Particularly useful for lubricating chains, gears and moving metal parts. Resistant to friction and weather.
Highly adhesive. Does not drip.**

ml		
400	12	097200040
400	12	097201040

9722 - Lithium Grease

white lithium grease

**Based on grease with lithium, titanium and zinc oxide soaps.
Ideal for lubricating gears, bearings and joints.
Specific for marine applications.
Highly resistant to water, sea salt, weather and high temperatures.
Does not drip.**

ml		
400	12	097220040

9724 - PTFE Grease

PTFE based grease

Particularly suitable for lubricating industrial chains and mechanical movements subject to heavy stress and low rotation speeds. Suitable for applications on plastics and rubber.
Totally colourless. Waterproof and resistant to oxidation.

ml		
400	12	097240040
400	12	097241040

9726 - Copper Grease

copper grease

Suitable for lubricating joints, bolts, gears, driveshafts and other metal parts subject to high temperatures (up to 1,000 °C).
Protective, anti-wear. Prevents oxidation.
Does not drip.

ml		
400	12	097260040
400	12	097261040

9729 - Silic Spray

silicone spray

Suitable for lubricating plastic, rubber and metal parts.
Protects from corrosion. Detaching. Antistatic.
Waterproof. Can be used to polish wood, plastics and rubber.
Solvent-free.

ml		
400	12	097290040
400	12	097291040

9738 - Cutting Oil

cutting oil

Highly lubricating and protective.
Suitable for milling, boring, threading, drilling and manual and automatic machine working.
Highly resistant to oxidation.
Water washable. Solvent-free.

ml		
400	12	097380040
400	12	097381040

9740 - Brake Cleaner

brake cleaner

Ideal for cleaning brake discs and pads, engines.
Removes grease and tar, without leaving residue.
Evaporates quickly.
Does not damage plastics and rubber.

ml		
400	12	097400050
400	12	097401050

9741 - Multi Cleaner

multipurpose detergent/degreaser

Detergent and degreaser for dissolving grease, oil, tar, silicone and glue.
Suitable for cleaning metal, hard plastic, ceramic, steel and aluminium surfaces.
Free from oil residue.

Not for sale in: China, Czech Republic, Slovenia, Slovakia

ml		
400	12	097410040
400	12	097411040

9742 - Contact Cleaner

cleaner for electric and electronic contacts

Removes grease and dirt, without leaving oily residue.
Evaporates quickly.
Does not damage plastics and rubber.

ml		
400	12	097420040
400	12	097421040

9745 - Carb Cleaner
cleaner for carburettors and throttle bodies

Specific for interior and exterior cleaning of carburettors, suction ducts and throttle bodies.
Totally removes carbonaceous residue, deposits and impurities.
Free from oil residue.

Not for sale in: China, Czech Republic, Slovenia, Slovakia

ml		
400	12	097450040
400	12	097451040

9746 - Clima Cleaner
air conditioner cleaner

Cleaner for industrial, civil and car air conditioners. Based on its thick foam formulation, and the straw it is supplied with, it allows dirt, deposits and odours to be removed from ducts, leaving a pleasant fragrance.

Not for sale in: China, Czech Republic, Slovenia, Slovakia

ml		
400	12	097460040
400	12	097461040

9749 - Air Spray
air spray

Compressed gas aerosol spray. Ideal for removing dust deposits from cracks, gear, electrical parts, keyboards and delicate mechanisms in general. The aerosol can with straw allows hardly accessible parts to be easily reached.

Not for sale in: Andorra, United Arab Emirates, Dominican Republic, Spain, Hungary, Portugal, China, Czech Republic, Poland, Slovenia, Slovakia

ml		
400	12	097490040

9752 - Zinc 98%
clear zinc

Highly covering, it is ideal for galvanizing iron parts.
Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing.
Particularly resistant to oxidation, abrasion and weather.
Can be overpainted. Does not drip.

ml		
400	12	097520040
400	12	097521040

9755 - Welding Spray
welding anti-spatter spray

Silicone-free welding anti-spatter spray. It prevents slag adhesion, thereby making welding easier and quicker. For use on parts that need welding and as a protector for welding torch nozzles. It makes it possible to carry out subsequent operations, e.g. painting, galvanizing and chrome-plating. No fumes. Easy to remove. Chlorinated-free.

Not for sale in: China, Czech Republic, Slovenia, Slovakia

ml		
400	12	097550040

9765 - Deicer Spray
deicer spray

Deicer and defroster spray, for removing ice and frost from windows. Also ideal for frozen locks and mechanisms. Effective down to -40 °C. Nongreasy, smear-free. It does not affect treated surfaces, rubber and plastics.

Not for sale in: China, Czech Republic, Slovenia, Slovakia

ml		
400	12	097650040
400	12	097651040

9775 - Water Stop
fabric waterproofing spray

Waterproofing, water-repellent spray for textiles and leather. Ideal for footwear, jackets and clothing in general. It allows fabrics to be waterproofed, without affecting breathability. Based on its stain resistance properties, fabrics are easier to wash. Improved resistance to bending and abrasion.

Not for sale in: Andorra, United Arab Emirates, Dominican Republic, Spain, Hungary, Portugal, China, Czech Republic, Poland, Slovenia, Slovakia

ml		
400	12	097750040

9881U
industrial alkaline detergent for ultrasonic tank

Industrial alkaline detergent, concentrated, water-based. For ultrasonic cleaning and other purification processes. Allows spare parts and metal pieces in general (injectors, carburettors, valves etc.) to be accurately and effectively cleaned.
Removes oil, grease, lubricants, residues of glue, resin and wax. Also suitable for cleaning aluminium parts.

L		
1	1	098810010
1	1	098812010
5	1	098810050

9882R
selective rust remover liquid

Water-based selective rust remover liquid for iron, steel, stainless steel, cast iron and chrome platings.
Removes top oxidized layer, without affecting underlying metal.
Dilution: from pure to max. 1:1.
Minimum operating temperature: 15 °C.
Operating times: 30' - 24/48h (for heavy rust). Biodegradable and 100% water-soluble.

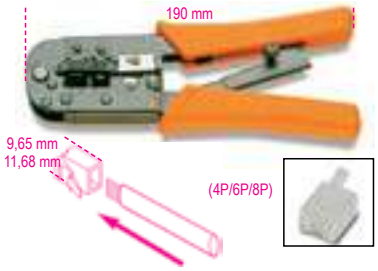
L		
1	1	098820010
1	1	098822010

CRIMPING PLIERS FOR TERMINALS ANDTERMINALS

		Terminals	Die cavity	Range (mm²)	Use
1601/PC					For telephone and data transmission terminals 4P/6P/8P
1602				0,75-6	For insulated terminals, light series
1602A				0-6	For insulated terminals, standard model
1603				1,25-5,5	For non-insulated terminals, light series
1603A				0-8	For non-insulated closed terminals, standard model
1603B				0-8	For non-insulated open terminals, standard model
1606/2				0,14-10	Heavy-duty, for cylindrical terminals
1606A				0,5-6 6-16	For cylindrical terminals
1606T				0,1-10	For cylindrical terminals, 4-sided crimping
1607				6,48 5,41 1,69	Heavy-duty, for BNC coaxial wires RG 58, RG 59, RG 62, RG 71
1608				0,5-6	For insulated terminals, with pressure regulator
1608A				0,75-6	Heavy-duty, for insulated terminals
1609				0,5-2,5	For non-insulated terminals
1609A				0,5-6	Heavy-duty, for non-insulated terminals
1609B				10-120	For non-insulated terminals

1601/PC

ratchet crimpling pliers
for telephone terminals
and data transmission



RJ11-RJ12-RJ45	2 016010011

1602

crimping pliers
for insulated terminals, light series

mm²	
0,75÷6	5 016020001

1602/C9

crimping pliers, light series,
with assortment of 450 terminals

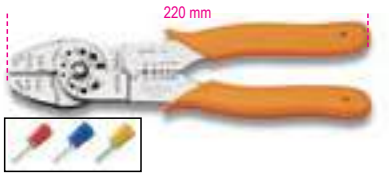
1602/C9	1 016020045

		n.
1602		1
BM00180	R/6,3	50
BM00280	B/6,3	50
BM00380	G/6,3	50
BM00191	R/6,3	50
BM00291	B/6,3	50
BM00392	G/6,3	50
BM00160	R/1,6	50
BM00260	B/2,3	50
BM00360	G/3,6	50

420x185x60 mm - 1,5 kg

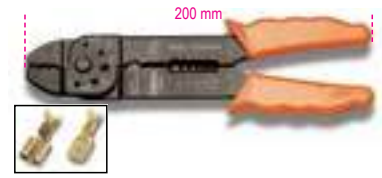
1602A

crimping pliers for insulated
terminals, standard model



mm²	
0÷6	2 016020005

1603
crimping pliers for non-insulated terminals, light series



mm²		
1,25÷5,5	5	016030001

1603A
crimping pliers for non-insulated closed terminals, standard model

mm²		
0÷8	2	016030005

1603B
crimping pliers for non-insulated open terminals, standard model

mm²		
0÷8	2	016030010

1606/2
heavy duty crimping pliers for cylindrical terminals

mm²	L mm	A mm	B mm		
0,14÷10	175	65	20	1	016060002

1606A
crimping pliers for tubular terminals

	mm²		
1606A6	0,5÷6	1	016060010
1606A16	6÷16	1	016060016

1606A/C9
crimping pliers for tubular terminals with assortment of 450 terminals, 0.5÷6 mm²

1606A/C9	1	016060045

		n.
1606A6		1
BM00601	W/0,5	50
BM00604	N/1,5	100
BM00506	B/2,5	100
BM00508	G/4	100
BM00610	Y/6	100

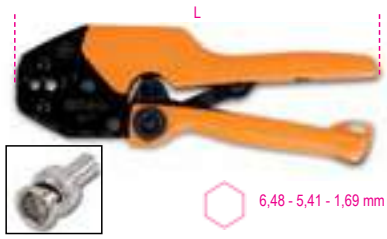
420x185x60 mm - 2,5 kg

1606T
crimping pliers for tubular terminals, 4-sided crimping

reduced lever stress

mm²	L mm	A mm	B mm		
0.1÷10	173	61	13	1	016060005

1607
heavy duty crimping pliers for BNC coaxial wires RG 58, RG 59, RG 62, RG 71



	L mm	A mm	B mm		
1607	220	73	19	1	016070001

1608
crimping pliers for insulated terminals, with pressure regulator

mm²		
0,5÷6	1	016080001

1608/C9
pliers with assortment of 450 terminals

1608/C9	1 016080045

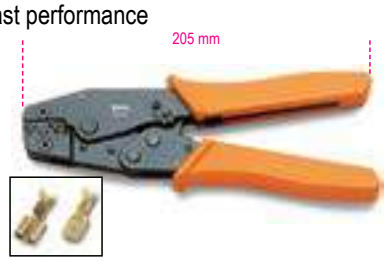
		n.
1608		1
BM00180	R/6,3	50
BM00280	B/6,3	50
BM00380	G/6,3	50
BM00191	R/6,3	50
BM00291	B/6,3	50
BM00392	G/6,3	50
BM00160	R/1,6	50
BM00260	B/2,3	50
BM00360	G/3,6	50

420x185x60 mm - 2 kg

1608A
heavy duty crimping pliers for insulated terminals

mm²		
0,75÷6	1	016080005

1609
crimping pliers for non-insulated terminals, professional model fast performance



mm²	
0,5÷2,5	1 016090001

1609A
heavy duty crimping pliers for non-insulated terminals

mm²	
0,5÷6	1 016090005

1609B
crimping pliers for noninsulated terminals

punch crimps, 10 mm² ÷ 120 mm²

L mm	mm²	
600	10÷120	1 016090101

1609I/C6
crimping pliers with 6 interchangeable dies

Adjustable, with quick-release mechanism

mm²	
0,5÷16 D-SUB	1 016090300

280x190x50 mm - 1,20 kg

1609I/C6-I0
dies for pre-insulated ring, ferrule and quick male terminals, 0.5÷6 mm²

For crimping pliers item 1609I

mm²	
0,5-6	1 016090301

1609I/C6-NI
dies for non-insulated terminals, 0.5÷10 mm²

For crimping pliers item 1609I

mm²	
0,5-10	1 016090302

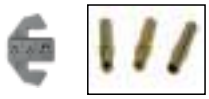
1609I/C6-A
dies for non-insulated female and male terminals, 0.5÷6 mm²

For crimping pliers item 1609I

mm²	
0,5-6	1 016090303

1609I/C6-AA
dies for non-insulated terminals, type D-SUB

For crimping pliers item 1609I



mm²	
D-SUB	1 016090304

1609I/C6-T1
dies for pre-insulated tubular terminals, 0.5÷4 mm²

For crimping pliers item 1609I

1609I/C6-T1	
0,5-4	1 016090305

1609I/C6-T2
dies for pre-insulated tubular terminals, 6÷16 mm²

For crimping pliers item 1609I

mm²	
6-16	1 016090306

1609C/C5
oil-pressure crimping pliers with 5 pairs of dies

hexagonal crimps, 25 mm² ÷ 240 mm²

mm²	
50÷240	1 016090210

500x300x110 mm - 4 kg

1609M
dies for item 1609C

hexagonal crimps

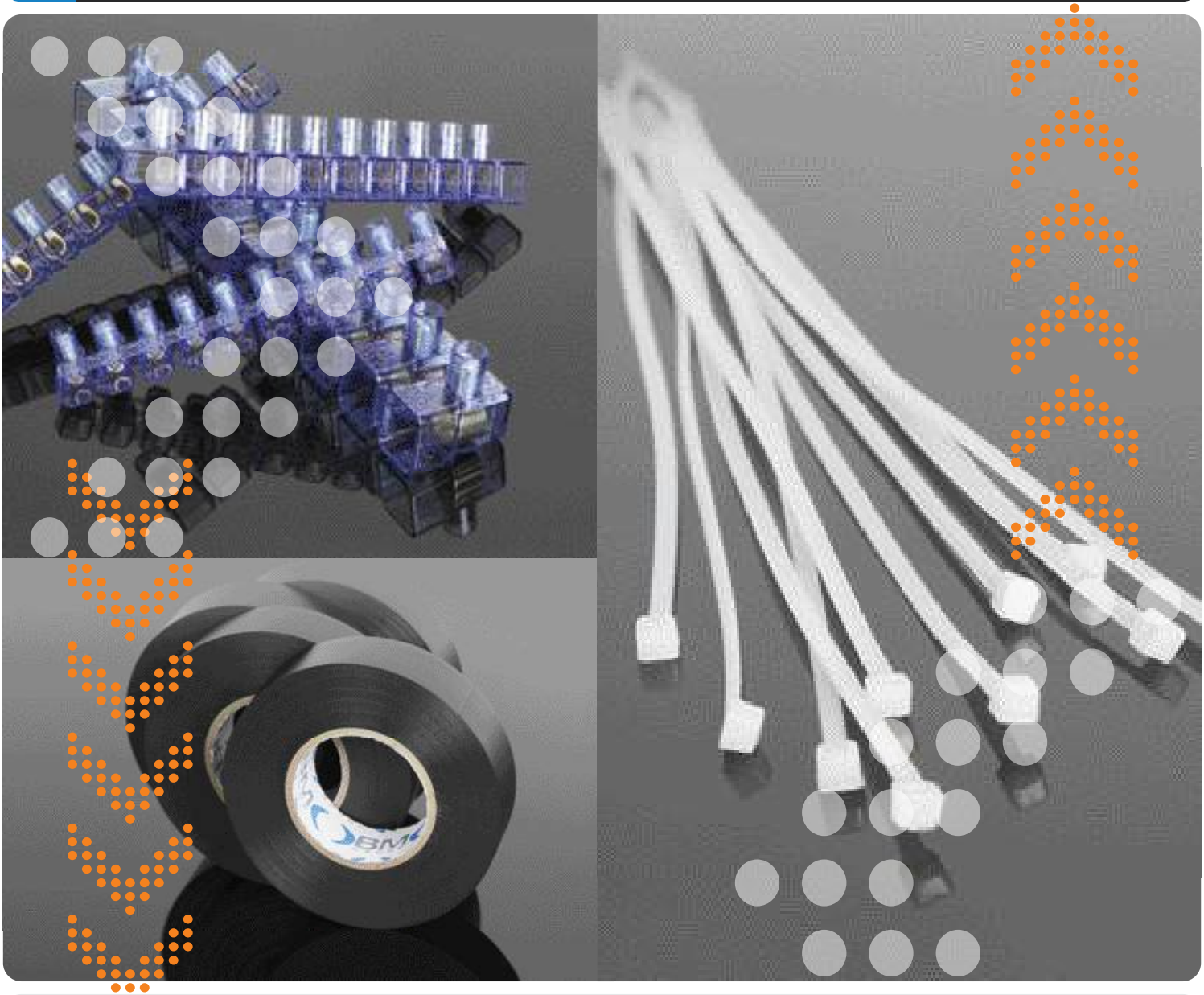
	mm²	
1609M/16	10-16	1 016090221
1609M/35	25-35	1 016090223
1609M/70	50-70	1 016090225
1609M/120	95-120	1 016090227
1609M/150	150	1 016090229
1609M/185	185	1 016090231
1609M/240	240	1 016090233

1639S
nylon wire puller

with interchangeable heads

L m	Ø mm	
10	4	1 016390010

PRODUCTS UNDER THE BRAND NAME BM



CABLE TIES, TERMINAL BLOCKS, ELECTRICAL TAPES

BM Group has been designing, manufacturing and distributing connecting parts and electrical installation products since 1958.

Quality, safety and reliability have always been BM's key values. Combined with a passion for excellence, these values have allowed the company to develop – step by step – into a benchmark for the electrical material market.

In 2018 BM Group was taken over by Beta Utensili.
This section comprises an accurate selection of products under the brand name BM, supplementing Beta's product range.

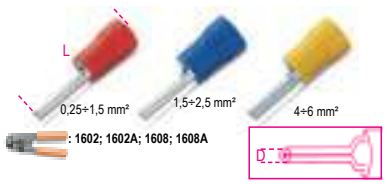
CERTIFIED QUALITY

1610-B
pre-insulated ring terminals

D mm	mm²	L mm			
4	0,25-1,5	20,6		100	BM00119
5	0,25-1,5	21,8		100	BM00125
5	1,5-2,5	22,4		100	BM00225
6	1,5-2,5	26		100	BM00231
8	1,5-2,5	29,8		100	BM00237
6	4-6	29,1		50	BM00331
8	4-6	34,5		50	BM00337

- Please indicate number of terminals, and not of packages, in your order

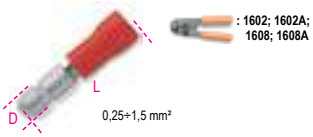
1614-P
pre-insulated ferrule terminals



D mm	mm²	L mm			
1,9	0,25-1,5	19		100	BM00151
1,9	1,5-2,5	19		100	BM00251
2,7	4-6	28		50	BM00350

- Please indicate number of terminals, and not of packages, in your order

1616-SM
pre-insulated male pin terminals



D mm	mm²	L mm			
4	0,25-1,5	21		100	BM00130

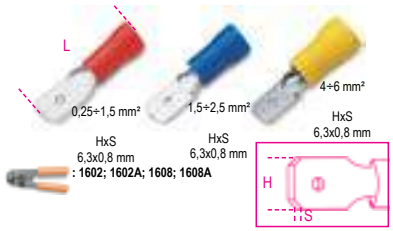
- Please indicate number of terminals, and not of packages, in your order

1618-SF
pre-insulated female pin terminals

D mm	mm²	L mm			
3,8	0,25-1,5	23,5		100	BM00140

- Please indicate number of terminals, and not of packages, in your order

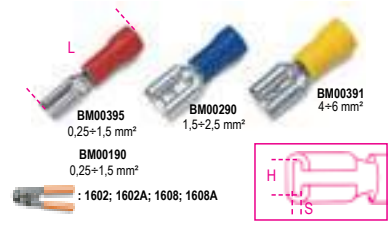
1620-M
pre-insulated quick male terminals



HxS mm	mm²	L mm			
6,3x0,8	0,25-1,5	21		100	BM00180
6,3x0,8	1,5-2,5	21		100	BM00280
6,3x0,8	4-6	24,5		50	BM00380

- Please indicate number of terminals, and not of packages, in your order

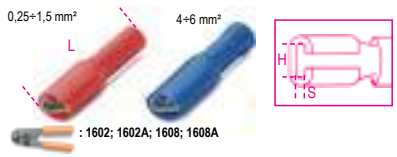
1622-F
pre-insulated quick female terminals



HxS mm	mm²	L mm			
6,3x0,8	0,25-1,5	20,7		100	BM00190
2,8x0,5	0,25-1,5	18,5		100	BM00395
6,3x0,8	1,5-2,5	20,7		100	BM00290
6,3x0,8	4-6	24,5		50	BM00391

- Please indicate number of terminals, and not of packages, in your order

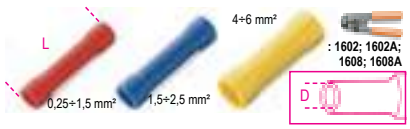
1624-FI
insulated quick female terminals



HxS mm	mm²	L mm			
6,3x0,8	0,25-1,5	22		100	BM00191
6,3x0,8	1,5-2,5	22		50	BM00291
6,3x0,8	4-6	25		50	BM00392

- Please indicate number of terminals, and not of packages, in your order

1628-C
pre-insulated cable connectors



D mm	mm²	L mm			
1,8	0,25-1,5	25		100	BM00160
2,5	1,5-2,5	26,5		100	BM00260
3,7	4-6	27		50	BM00360

- Please indicate number of terminals, and not of packages, in your order

1630-CR
quick connectors

mm²	L mm			
0,25-1	15,3		500	BM00110
1,25-2,5	15,9		500	BM00210

- Please indicate number of terminals, and not of packages, in your order

1632-TS
single tube terminals

mm²	L mm			
0,5	14		500	BM00601
0,75	14		500	BM00602
1	14		500	BM00603
1,5	14		500	BM00604
2,5	14		250	BM00506
4	17		200	BM00508
6	20		100	BM00610
0,5	14		500	BM00501
0,75	14		500	BM00502
1	14		500	BM00503
1,5	14		500	BM00504
6	20		100	BM00510

- Please indicate number of terminals, and not of packages, in your order

1634-TD
dual tube terminals

mm²	L mm			
2x0,5	15		200	BM00651
2x0,75	15		200	BM00652
2x1	15		200	BM00654
2x1,5	16		200	BM00656
2x2,5	18,5		100	BM00558
2x4	23		100	BM00560
2x6	26		50	BM00661
2X0,5	15		200	BM00551
2X0,75	15		200	BM00552
2X1	15		200	BM00554
2X1,5	16		200	BM00556
2X6	26		50	BM00561

- Please indicate number of terminals, and not of packages, in your order

1635-D

multiple polypropylene terminals, 12-pole strips

Insulating housing: natural polypropylene (PP)
Conductive body: brass
Captive screw: galvanized steel
Self-extinguishing: EN 60335-1: 2002+A2:2006 (par. 30.2.3), EN 60695-2-10 at 850 °C, EN 60695-2-11
Operating temperature: max. 85 °C
Degree of protection: IP20
Reference standards: EN 60998-1: 2004, EN 60998-2-1: 2004, EN 60335-1: 2002 + A2: 2006 (par. 30.2.3), IEC/EN 60695-2-11

CE

mm²	L mm	L1 mm	mm²		
16	93,7	14,7	2,5	50	BM9200
20,5	116,5	17,2	4	50	BM9201
23,5	139,5	20,1	6	50	BM9202
25,3	175,5	22,5	16	25	BM9203
35,2	228	33,5	25	10	BM9204

1635-S

closed end connector terminals, for free connections

Insulating housing: transparent polycarbonate UL94 V0
Conductive body: brass
Captive screw: galvanized steel
Self-extinguishing: EN60695-2-10 a 850°C, EN 60335-1:2002 +A2:2006, EN60695-2-11
Working temperature: max. 85 °C
Degree of protection: IP20
Reference standards: EN60998-1: EN60998-2-1:2004

CE

mm²	L mm	L1 mm	S mm	mm²	N		
1.5	15	7.5	14.5	1.5	2	10	BM991
				1	2÷3		
				0.75	2÷4		
2.5	17.5	9	18.2	2.5	2	10	BM992
				1.5	2÷3		
				1	2÷4		
4	21	10.3	20	4	2	10	BM9924
				2.5	2÷3		
				1.5	2÷4		
6	22.5	11.8	23	6	2	10	BM993
				4	2÷3		
				2.5	2÷4		
10	26	14.7	26	10	2	10	BM994
				6	2÷3		
				4	2÷4		
16	31.8	18.8	32.2	16	2	10	BM995
				10	2÷3		
				6	2÷4		

1635-SN

closed end connector terminals, for free connections, indirect clamping

CE

mm²	L mm	L1 mm	S mm	mm²	N		
25	36,3	22,5	37	25	2	50	BM9960CS
				16	2÷3		
				10	2÷4		
				6	2÷8		
				4	2÷11		
				2,5	4÷16		
35	43,5	26,1	41,2	35	2	25	BM9961CS
				25	2÷3		
				16	2÷4		
				10	2÷7		
				6	2÷11		
				4	2÷16		
				2,5	5÷17		

1748-BV2

nylon cable ties, natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE

A mm	L mm	Ø MAX mm	F MAX N		
2.5	80	14	80	100	BMB0824
2.5	100	20.5	80	100	BMB1025
2.5	120	27	80	100	BMB1225
2.5	160	40	80	100	BMB1625
2.5	200	52.5	80	100	BMB2025
3.6	140	33	180	100	BMB1436
3.6	200	52.5	180	100	BMB2036
3.6	300	106	180	100	BMB2936
3.6	370	105	180	100	BMB3736
4.6	120	24	220	100	BMB1248
4.6	160	36	220	100	BMB1648
4.8	188	46	220	100	BMB1948
4.8	200	50	220	100	BMB2048
4.8	250	65	220	100	BMB2548
4.8	300	81	220	100	BMB3048
4.8	370	103.5	220	100	BMB3748
4.8	390	110	220	100	BMB3948
4.8	430	122.5	220	100	BMB4348
4.8	530	160	220	100	BMB5348
7.6	150	24	550	100	BMB1576
7.6	200	51	550	100	BMB2076
7.6	300	83	550	100	BMB2976
7.6	370	103.5	550	100	BMB3776
7.6	450	130.5	550	100	BMB4576
7.6	540	159	550	100	BMB5476
7.6	750	226	550	100	BMB7576
8.8	550	163.5	800	100	BMB5390
8.8	710	195	800	100	BMB7190
8.8	780	235.5	800	100	BMB7890
9.0	430	130.5	800	100	BMB4390
9.0	810	245	800	100	BMB8190
9.0	1020	295	800	100	BMB1090
9.0	1220	375.5	800	100	BMB1290
9.0	1530	460	800	100	BMB1590

- Please indicate number of cable ties, and not of packages, in your order

1748V

nylon cable ties, green

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Operating temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE

A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	80	100	BMV1025
3.6	140	33	180	100	BMV1436
4.8	200	50	220	100	BMV2048
4.8	300	81	220	100	BMV3048

- Please indicate number of cable ties, and not of packages, in your order

1748N

nylon cable ties, black UV resistant

Material: polyamide PA 6.6 + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE

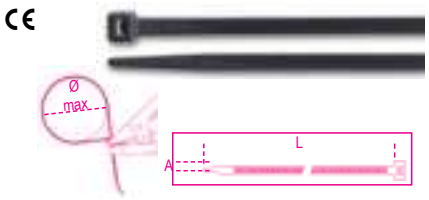
A mm	L mm	Ø mm	F MAX N		
2.5	80	14	80	100	BMN0824
2.5	100	20.5	80	100	BMN1025
2.5	120	27	80	100	BMN1225
2.5	160	40	80	100	BMN1625
2.5	200	52.5	80	100	BMN2025
3.6	140	33	180	100	BMN1436
3.6	200	52.5	180	100	BMN2036
3.6	300	106	180	100	BMN2936
3.6	370	105	180	100	BMN3736
4.6	120	24	220	100	BMN1248
4.6	160	36	220	100	BMN1648
4.8	188	46	220	100	BMN1948
4.8	200	50	220	100	BMN2048
4.8	250	65	220	100	BMN2548
4.8	300	81	220	100	BMN3048
4.8	370	103.5	220	100	BMN3748
4.8	390	110	220	100	BMN3948
4.8	430	122.5	220	100	BMN4348
4.8	530	160	220	100	BMN5348
7.6	150	24	550	100	BMN1576
7.6	200	51	550	100	BMN2076
7.6	300	83	550	100	BMN2976
7.6	370	103.5	550	100	BMN3776
7.6	450	130.5	550	100	BMN4576
7.6	540	159	550	100	BMN5476
7.6	750	226	550	100	BMN7576
8.8	550	163.5	800	100	BMN5390
8.8	710	195	800	100	BMN7190
8.8	780	235.5	800	100	BMN7890
9.0	430	130.5	800	100	BMN4390
9.0	810	245	800	100	BMN8190
9.0	1020	295	800	100	BMN1090
9.0	1220	375.5	800	100	BMN1290
9.0	1530	460	800	100	BMN1590

- Please indicate number of cable ties, and not of packages, in your order

1748-UL

nylon cable ties, for heavy loads,
black
UV and IMPACT resistant

Material: polyamide PA 6.6 + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N		
12.4	230	57	1200	100	BMN2412
12.4	480	136.5	1200	100	BMN4912
12.4	730	216.1	1200	100	BMN7412
12.4	880	263.9	1200	100	BMN8912
12.4	1000	305	1200	100	BMN1012

- Please indicate number of cable ties, and not of packages, in your order

1748-N2D

nylon cable ties,
black,
UV resistant

Material: polyamide PA 6.6 + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

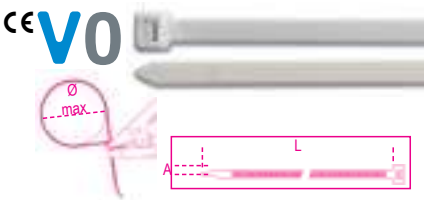
A mm	L mm	Ø MAX mm	F MAX N		
9.0	180	40	400	100	BMN1890
9.0	265	62	540	100	BMN2690
9.0	360	93	540	100	BMN3690

- Please indicate number of cable ties, and not of packages, in your order

1748-BV0

self-extinguishing nylon cable ties,
white

Material: polyamide PA 6.6
Self extinguishing class: UL 94-V0
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)



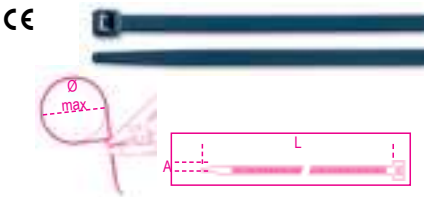
A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	80	100	BMB1025V0
3.6	150	36.0	180	100	BMB1536V0
3.6	200	52.5	180	100	BMB2036V0
4.8	200	49.5	230	100	BMB2048V0
4.8	300	81.0	230	100	BMB3048V0
4.8	370	106.7	230	100	BMB3848V0
7.6	370	106.7	540	100	BMB3876V0

- Please indicate number of cable ties, and not of packages, in your order

1748-BX

nylon cable ties,
blue,
detectable by metal detectors

Material: polyamide PA 6.6 + metal powder
Self-extinguishing class: UL 94-V2
Working temperature: -40°C ÷ +85°C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)



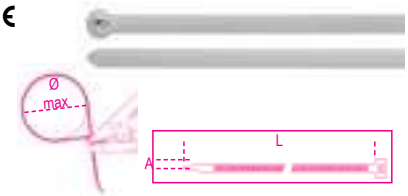
A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	80	100	BMBX1025
3.6	150	36.0	180	100	BMBX1536
3.6	200	52.5	180	100	BMBX2036
4.8	200	49.5	230	100	BMBX2048
4.8	300	81.0	230	100	BMBX3048
4.8	370	106.7	230	100	BMBX3848
7.6	370	106.7	540	100	BMBX3876

- Please indicate number of cable ties, and not of packages, in your order

1748-BL

steel tooth nylon cable ties,
natural colour

Material: polyamide PA 6.6 + steel
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	180	100	BMBL1025
2.5	200	52.5	180	100	BMBL2025
3.6	140	33.0	250	100	BMBL1436
4.8	200	49.5	360	100	BMBL2048
4.8	300	81.0	360	100	BMBL3048
4.8	370	103.5	360	100	BMBL3748
7.6	370	103.5	780	100	BMBL3776

- Please indicate number of cable ties, and not of packages, in your order

1748-NL

steel tooth nylon cable ties,
black,
UV resistant

Material: polyamide PA 6.6 + steel + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

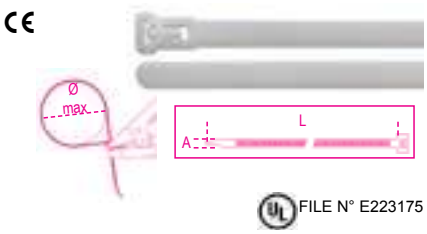
A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	180	100	BMNL1025
2.5	200	52.5	180	100	BMNL2025
3.6	140	33.0	250	100	BMNL1436
4.8	200	49.5	360	100	BMNL2048
4.8	300	81.0	360	100	BMNL3048
4.8	370	103.5	360	100	BMNL3748
7.6	370	103.5	780	100	BMNL3776

- Please indicate number of cable ties, and not of packages, in your order

1748-BR

reusable nylon cable ties,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)



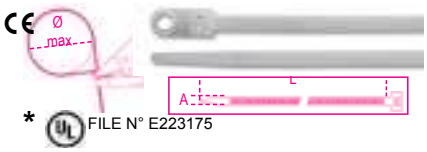
A mm	L mm	Ø MAX mm	F MAX N		
7.6	150	40	230	100	BMBR1576
7.6	200	55	230	100	BMBR2076
7.6	300	82	230	100	BMBR3076

- Please indicate number of cable ties, and not of packages, in your order

1748-BH

nylon cable ties with eyelets,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)



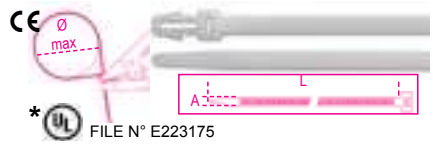
A mm	L mm	Ø MAX mm	F MAX N		
2.5	110	19.0	80	100	BMBH1125
* **4.8**	200	49.8	230	100	BMBH2048
* **7.6**	305	78.7	550	100	BMBH3076

- Please indicate number of cable ties, and not of packages, in your order

1748-BP

insertion nylon cable ties,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)



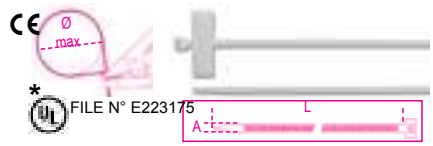
A mm	L mm	Ø MAX mm	F MAX N		
3.6	155	37.9	180	100	BMBP1536
* **4.8**	200	50.8	230	100	BMBP2048

- Please indicate number of cable ties, and not of packages, in your order

1748-BT

nylon cable ties with cross plates, 25x8mm,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N		
* **2.5**	100	22.0	80	100	BMBT21025
2.5	200	53.5	80	100	BMBT22025

- Please indicate number of cable ties, and not of packages, in your order

1748-BT2

nylon cable ties with lengthwise plates,
13x27mm,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

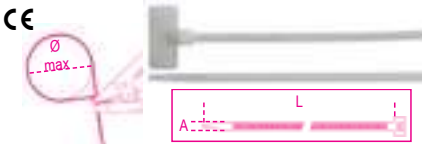
A mm	L mm	Ø MAX mm	F MAX N		
4.8	190	51	230	100	BMBT12248

- Please indicate number of cable ties, and not of packages, in your order

1748-BT3

nylon cable ties with exterior plates, 20x9mm,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: good Resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	110	22	80	100	BMBT11125

- Please indicate number of cable ties, and not of packages, in your order

1748-BA1

cable tie mounts

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

SxDxH mm	Ø mm	F mm		
15.2x9.4x6.8	3.3	3.6	100	BMB0905
22x16.2x10.8	5.2	9	100	BMB0906

- Please indicate number of cable ties, and not of packages, in your order

1748-NA1

cable tie mounts

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

SxDxH mm	Ø mm	F mm		
15.2x9.4x6.8	3.3	3.6	100	BMN0905
22x16.2x10.8	5.2	9	100	BMN0906

- Please indicate number of cable ties, and not of packages, in your order

1748-BA2

cable tie mounts - two-way

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols.

Fixing types:
BMB0901 adhesive (included)
BMB0902 adhesive (include)
BMB0903 with screws (not included)

CE

*UL FILE N° E223175

SxDxH mm	F mm		
19x19x5.4	3.6	100	BMB0901
* **28x28x7**	4.8	100	BMB0902
* **28x28x5.8**	4.8	100	BMB0903

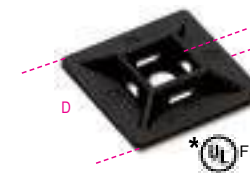
1748-NA2

cable tie mounts - two way, UV resistant

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols.

Fixing types:
BMN0901 adhesive (included)
BMN0902 adhesive (included)
BMN0903 with screws (not included)

CE



*UL FILE N° E223175

SxDxH mm	F mm		
19x19x5.4	3.6	100	BMN0901
* **28x28x7**	4.8	100	BMN0902
* **28x28x5.8**	4.8	100	BMN0903

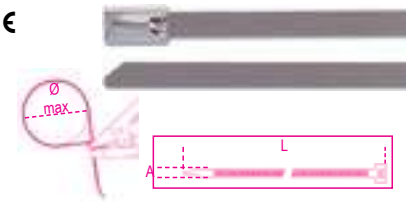
- Please indicate number of cable ties, and not of packages, in your order

1748-S

self-locking stainless steel cable ties

Material: stainless steel AISI 304
Locking device: roller ball type
Self-extinguishing class: non-flammable
Plenum rating: AH-1
UV resistance: excellent
Working temperature: -60 °C ÷ +300 °C
Minimum installation temperature: -60 °C
Resistance to chemicals: excellent
Reference standards: EN 62275:2015-02
Classification: type 2 (EN); type 2 (UL)

CE



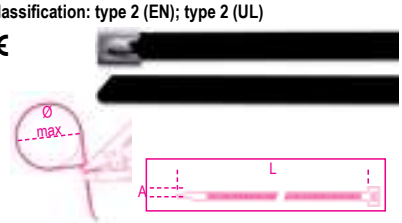
A mm	L mm	ØMAX mm	Trazione N		
4.6	125	38	890	100	BMS1345
4.6	200	61.9	890	100	BMS2045
7.9	200	61.9	1500	100	BMS2079
4.6	290	90.6	890	100	BMS3045
7.9	300	90.6	1500	100	BMS3079
4.6	360	112.8	890	100	BMS3745
7.9	360	112.8	1500	100	BMS3779
7.9	500	163.8	1500	100	BMS5079
4.6	520	163.8	890	100	BMS5245
4.6	680	214.8	890	100	BMS6845
7.9	680	214.8	1500	100	BMS6879
4.6	840	265.7	890	100	BMS8445
7.9	840	265.7	1500	100	BMS8479

1748-SC

self-locking stainless steel cable ties, black polyester coating

Material: stainless steel AISI 304 + polyester
Locking device: roller ball type
Self-extinguishing class: non-flammable
Plenum rating: AH-1
UV resistance: excellent
Working temperature: -60 °C ÷+300 °C
Minimum installation temperature: -60 °C
Resistance to chemicals: excellent
Reference standards: EN 62275:2015-02
Classification: type 2 (EN); type 2 (UL)

CE



A mm	L mm	ØMAX mm	Trazione N		
4.6	125	38	450	100	BMSC1345
4.6	200	61.9	450	100	BMSC2045
7.9	200	61.9	800	100	BMSC2079
4.6	290	90.6	450	100	BMSC3045
7.9	300	90.6	800	100	BMSC3079
4.6	360	112.8	450	100	BMSC3745
7.9	360	112.8	800	100	BMSC3779
7.9	520	163.8	800	100	BMSC5079
4.6	520	163.8	450	100	BMSC5245
4.6	680	214.8	450	100	BMSC6845
7.9	680	214.8	800	100	BMSC6879
4.6	840	265.7	450	100	BMSC8445
7.9	840	265.7	800	100	BMSC8479

1748-BV

Velcro cable ties, wrap strap, white

Material: polyethylene-polyamide (PE-PA)
Operating temperature: -20 °C ÷ +60 °C

A mm	L mm	Ø MAX mm	F MAX N		
12,7	229	55	180	10	BMBV2312
19	229	55	220	10	BMBV2319

- Please indicate number of cable ties, and not of packages, in your order

1748-NV

Velcro cable ties, wrap strap, black

Material: polyethylene-polyamide (PE-PA)
Operating temperature: -20 °C ÷ +60 °C

A mm	L mm	Ø MAX mm	F MAX N		
12,7	229	55	180	10	BMNV2312

- Please indicate number of cable ties, and not of packages, in your order

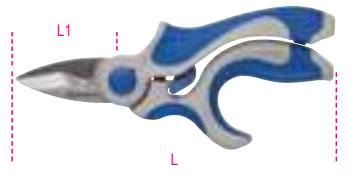
1128 X-PRO

electrician's scissors, short blades, with wire stripping groove

L mm	L1 mm	mm²		
153	45	50	1	BM1325

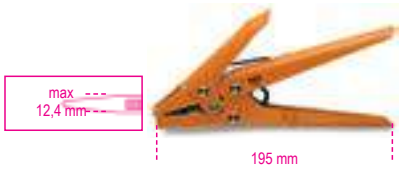
1128 X-PRO EVO

electrician's scissors, short blades, with wire stripping groove



L mm	L1 mm	mm²		
160	45	50	1	BM1330

1743
fitting tool for nylon ties



1743	1	017430001

1748-N
fitting tools for nylon cable ties, 2.5 to 4.8 mm in width

Automatic cutting when set tension is reached.
With tightening tension adjustment system.

Materials: glass frame made from polymer and fibreglass, interior parts made from metal

BM1100	1	BM1100

1748-ST
automatic clamps for stainless steel cable ties, for cable ties with width ranging from 4.6 to 9 mm,
automatic tension and cut control

BM1105	1	BM1105

1638M
thin-wall heat shrink sheaths, in mini box

Shrink ratio: 2:1
Material: polyethylene
Operating temperature: -55 °C ÷ +125 °C
Shrink temperature: +70 °C ÷ +125 °C
Maximum VRMS: 600 V
Self-extinguishing degree of sheath: VW-1 (UL 224)
Halogen-free

mm	L m	Ø 1 mm	Ø 2 mm		
1,6	12	1,6	0,8	1	BMGBS016MNE
2,4	11	2,4	1,2	1	BMGBS024MNE
3,2	11	3,2	1,6	1	BMGBS032MNE
4,8	10	4,8	2,4	1	BMGBS048MNE
6,4	9	6,4	3,2	1	BMGBS064MNE
9,5	7	9,5	4,8	1	BMGBS095MNE
12,7	6	12,7	6,4	1	BMGBS127MNE
19	5	19,1	9,5	1	BMGBS190MNE
25,4	3,5	25,4	12,7	1	BMGBS254MNE

1639ESB
PVC electrical tape

Working temperature: 0-90°C
Tensile strength: 28N/cm equivalent to 18.6 N/mm²
Elongation: 200%
Adhesion to steel: 2.2N/cm
Adhesion to backing: 2 N/cm
Dielectric strength: 45kV/mm
Flammability: flame retardant
Reference standards: IEC 60454-2
Classification: CEI EN 60454-3-1-5/F-PVCP/90

S mm	A mm	L m			
0.15	15	10		10	BMESB1510BI
0.15	15	10		10	BMESB1510BL
0.15	15	10		10	BMESB1510GI
0.15	15	10		10	BMESB1510GR
0.15	15	10		10	BMESB1510GV
0.15	15	10		10	BMESB1510MA
0.15	15	10		10	BMESB1510NE
0.15	15	10		10	BMESB1510RO
0.15	15	10		10	BMESB1510VE
0.15	15	25		10	BMESB1525BI
0.15	15	25		10	BMESB1525BL
0.15	15	25		10	BMESB1525GI
0.15	15	25		10	BMESB1525GR
0.15	15	25		10	BMESB1525GV
0.15	15	25		10	BMESB1525MA
0.15	15	25		10	BMESB1525NE
0.15	15	25		10	BMESB1525RO
0.15	15	25		10	BMESB1525VE
0.15	19	25		10	BMESB1925BI
0.15	19	25		10	BMESB1925BL
0.15	19	25		10	BMESB1925GI
0.15	19	25		10	BMESB1925GR
0.15	19	25		10	BMESB1925GV
0.15	19	25		10	BMESB1925MA
0.15	19	25		10	BMESB1925NE
0.15	19	25		10	BMESB1925RO
0.15	19	25		10	BMESB1925VE
0.15	25	25		8	BMESB2525BI
0.15	25	25		8	BMESB2525BL
0.15	25	25		8	BMESB2525GI
0.15	25	25		8	BMESB2525GR
0.15	25	25		8	BMESB2525GV
0.15	25	25		8	BMESB2525MA
0.15	25	25		8	BMESB2525NE
0.15	25	25		8	BMESB2525RO
0.15	25	25		8	BMESB2525VE
0.15	50	25		4	BMESB5025NE

1639ESC
PVC electrical tape

Working temperature: 0-80°C
Tensile strength: 28N/cm equivalent to 18.6 N/mm²
Elongation: 200%
Adhesion to steel: 2.2N/cm
Adhesion to backing: 2.2 N/cm
Dielectric strength: 38kV/mm
Flammability: flame retardant
Reference standards: ASTM-D-1000 ; UL510
Classification: CEI EN 60454-3-1-5/F-PVCP/90

S mm	A mm	L m		
0.18	19	20	10	BMESC1920NE

1639ETA
PVC electrical tape for extreme temperatures

Working temperature: -18 ÷ +105 °C
Tensile strength: 35N/cm equivalent to 19.4 N/mm²
Elongation: 300%
Adhesion to steel: 3.1N/cm
Adhesion to backing: 2.7 N/cm
Dielectric strength: 55.5kV/mm
Flammability: flame retardant
Reference standards: ASTM-D-1000 ; UL510
Classification: CEI EN 60454-3-1-5/F-PVCP/90

S mm	A mm	L m		
0.18	19	20	1	BMETA1920NE

1639EAB
EPR self-amalgamating electrical tape

Working temperature: -40 ÷ +90 °C
Tensile strength: 2.4 N/mm²
Elongation: 750%
Dielectric strength: 29.5kV/mm
Flammability: flame retardant
Reference standards: ASTM-D-4388; ASTM-D-4325
Excellent resistance to: moisture, corrosion, chemicals

S mm	A mm	L m		
0.76	19	9	1	BMEAB1909NE

BLISTER PACK RANGE

FREE-SERVICE SALES!

- **INCREASED VISIBILITY**
- **DISPLAY EFFICIENCY**
- **BAR CODE**

Blister pack support:

- tearproof PVC
- 4 formats for optimized display space
- New-generation fixing system with elastic band

42K

mm		
5,5x5,5	5	000429505
6x6	5	000429506
7x7	5	000429507
8x8	5	000429508
9x9	5	000429509
10x10	5	000429510
11x11	5	000429511
12x12	5	000429512
13x13	5	000429513
14x14	5	000429514
15x15	5	000429515
16x16	5	000429516
17x17	5	000429517
18x18	5	000429518
19x19	5	000429519
20x20	3	000429520
21x21	3	000429521
22x22	3	000429522
23x23	3	000429523
24x24	3	000429524
25x25	2	000429525
26x26	2	000429526
27x27	2	000429527
28x28	2	000429528
29x29	2	000429529
30x30	2	000429530
32x32	2	000429532

96/SC9

96/SC9 — 1 — 000960374
1,5-2-2,5-3-4-5-6-8-10 mm

96BPA/SC9

96BPA/SC9 — 1 — 000961974
1,5-2-2,5-3-4-5-6-8-10 mm

96BP-CL/SC9

96BP-CL/SC9 — 1 — 000961619
1,5-2-2,5-3-4-5-6-8-10 mm

96BPC/SC9

96BPC/SC9 — 1 — 000960354
1,5-2-2,5-3-4-5-6-8-10 mm

96LBP/SC9

96LBP/SC9 — 1 — 000961354
1,5-2-2,5-3-4-5-6-8-10 mm

96/BG7

96/BG7 — 1 — 000960368
2,5-3-4-5-6-8-10 mm

97BTX/SC8

97BTX/SC8 — 1 — 000970164
T9-T10-T15-T20-T25-T27-T30-T40

97BTXL/SC8

97BTXL/SC8 — 1 — 000970364
T9-T10-T15-T20-T25-T27-T30-T40

111E

L mm		
100	3	001110110
150	3	001110115
200	3	001110120
250	3	001110125
300	3	001110130
380	3	001110138
450	2	001110145
600	1	001110160

111ER

L mm		
200	3	001110520
250	3	001110525
300	2	001110530

123/K4

123/K4 — 1 — 001230504

142K

mm		
6	3	001429006
7	3	001429007
8	3	001429008
9	3	001429009
10	3	001429010
11	3	001429011
12	3	001429012
13	3	001429013
14	2	001429014
15	2	001429015
16	2	001429016
17	2	001429017
18	2	001429018
19	2	001429019
21	1	001429021
22	1	001429022
24	1	001429024

192/S2

192/S2 8x10/12x13 mm 16x17/18x19 mm	1	001920070

374K

L mm		
240	1	003749024

410K

ø mm		
* 3	10	004109064
* 4	10	004109076
* 5	10	004109088
6	10	004109100
7	10	004109112
8	10	004109124
9	10	004109136
10	10	004109148

412K

ø mm		
* 3	10	004129064
* 4	10	004129076
* 5	10	004129088
6	10	004129100
7	10	004129112
8	10	004129124
9	10	004129136
10	10	004129148

415K

ø mm		
3	10	004159064
4	10	004159076
5	10	004159088
6	10	004159100
7	10	004159112
8	10	004159124
9	10	004159136
10	10	004159148

720K

mm		
8	10	007209008
9	10	007209009
10	10	007209010
11	10	007209011
12	10	007209012
13	10	007209013
14	10	007209014
15	10	007209015
16	10	007209016
17	10	007209017
18	10	007209018
19	10	007209019
20	5	007209020
21	5	007209021
22	5	007209022
23	5	007209023
24	5	007209024
27	5	007209027
29	5	007209029
30	5	007209030
32	5	007209032
36	5	007209036

720/21K

L mm		
125	5	007209822

720MEK

mm		
5	5	007209505
6	5	007209506
8	5	007209508
10	5	007209510
12	5	007209512
14	5	007209514
17	5	007209517
19	5	007209519

720TXK

T30	5	007209460
T40	5	007209470
T45	5	007209472
T50	5	007209474
T55	5	007209476
T60	5	007209478

720LC/S3K

720LC/S3K 17-19-21 mm	1	007209663

850MQ

L mm		
233	1	008500910

860/58K

L mm		
126	1	008609884

860LP

SxA mm		
0,5x3	5	008600005
0,6x4,5	5	008600010
0,8x5,5	5	008600015
1x5,5	5	008600020
1,2x6,5	5	008600025

860PH

PH		
0	5	008600220
1	5	008600225
2	5	008600230
3	5	008600245
4	5	008600250

860PZ

PZ		
1	5	008600320
2	5	008600325
3	5	008600330
4	5	008600335

860PE

mm		
2	5	008600101
2,5	5	008600102
3	5	008600103
4	5	008600104
5	5	008600105
6	5	008600106
8	5	008600108
10	5	008600110

860TX

T6	5	008600704
T7	5	008600705
T8	5	008600710
T9	5	008600715
T10	5	008600720
T15	5	008600725
T20	5	008600730
T25	5	008600735
T27	5	008600740
T30	5	008600745
T40	5	008600750

860RTX

T9	5	008600550
T10	5	008600555
T15	5	008600560
T20	5	008600565
T25	5	008600570
T27	5	008600575
T30	5	008600580
T40	5	008600585

860/C27

860/C27	1	008600880

861MIX/A10

861MIX/A10	1	008610800

861TX/A10

861TX/A10	1	008610870

861MIX/A31

861MIX/A31	1	008610802

862F/A7

862F/A7	1	008620950

900K

mm		
4	10	009009040
4,5	10	009009045
5	10	009009050
5,5	10	009009055
6	10	009009060
7	10	009009070
8	10	009009080
9	10	009009090
10	10	009009100
11	10	009009110
12	10	009009120
13	10	009009130
14	10	009009140

900/20LK

L mm		
100	5	009009819

900/25K

L mm		
41	5	009009830

900BG/31K

L mm		
128	5	009009847

900/55

L mm		
127	5	009001155

900/55ZK

L mm		
125	3	009009882

900/58K

L mm		
126	2	009009884

910AK

mm		
6	5	009109006
7	5	009109007
8	5	009109008
9	5	009109009
10	5	009109010
11	5	009109011
12	5	009109012
13	5	009109013
14	5	009109014
15	5	009109015
16	5	009109016
17	5	009109017
18	5	009109018
19	5	009109019
20	5	009109020
21	5	009109021
22	5	009109022

910/21K

L mm		
125	5	009109822

910/25K

L mm		
54,6	5	009109830

910/55

L mm		
207	3	009101155

910/58K

L mm		
222	1	009109884

920AK

mm		
10	10	009209010
11	10	009209011
12	10	009209012
13	10	009209013
14	10	009209014
15	10	009209015
16	10	009209016
17	10	009209017
18	10	009209018
19	10	009209019
20	5	009209020
21	5	009209021
22	5	009209022
23	5	009209023
24	5	009209024
25	5	009209025
26	5	009209026
27	5	009209027
28	5	009209028
29	5	009209029
30	5	009209030
32	5	009209032

920/21K

L mm		
125	5	009209822

920/25K

L mm		
75	5	009209830

920/55

L mm		
271	3	009201155

920/58K

L mm		
281	1	009209926

935K

mm		
6x7	5	009359105
8x9	5	009359111
10x11	5	009359115
12x13	5	009359117
14x15	5	009359126
16x17	5	009359128
18x19	5	009359131
20x22	3	009359138

937K

mm		
6x6	5	009379006
7x7	5	009379007
8x8	5	009379008
9x9	5	009379009
10x10	5	009379010
11x11	5	009379011
12x12	5	009379012
13x13	5	009379013
14x14	5	009379014
15x15	5	009379015
16x16	5	009379016
17x17	5	009379017
18x18	5	009379018
19x19	5	009379019
20x20	5	009379020
21x21	3	009379021
22x22	3	009379022

943MHK

mm		
4	5	009439103
5	5	009439104
5,5	5	009439105
6	5	009439106
7	5	009439107
8	5	009439108
9	5	009439109
10	3	009439110
11	3	009439111
12	3	009439112
13	3	009439113
14	3	009439114

944MHK

mm		
4	3	009449103
5	3	009449104
5,5	3	009449105
6	3	009449106
7	3	009449107
8	3	009449108
9	3	009449109
10	3	009449110
11	3	009449111
12	3	009449112
13	3	009449113
14	3	009449114

951K

mm		
2	5	009519521
2,5	5	009519525
3	5	009519530
3,5	5	009519535
4	5	009519540
4,5	5	009519545
5	5	009519550
6	5	009519560
8	5	009519580
10	5	009519610

1032K

L mm		
140x0,9	5	010329013
140x1,3	5	010329014
180	5	010329017

1033K

L mm		
140x0,9	5	010339013
140x1,3	5	010339014
180	5	010339017

1034K

L mm		
130x0,9	5	010349013
130x1,3	5	010349014
170	5	010349017

1036K

L mm		
140x0,9	5	010369013
140x1,3	5	010369014
175	5	010369017

1037K

L mm		
140x0,9	5	010379013
140x1,3	5	010379014
175	5	010379017

1038K

L mm		
135x0,9	5	010389013
135x1,3	5	010389014
175	5	010389017

1044NK

250	5	010449025

1048NK

L mm		
175	3	010489910
250	5	010489915

1048VNK

L mm		
175	3	010489111
250	5	010489116

1052K

L mm		
140	3	010529014
190	3	010529019
240	3	010529024

1082K

L mm		
140	5	010829004
160	5	010829006

1082GK

L mm		
140	5	010829064
160	5	010829066

1082BMK

L mm		
140	3	010829034
160	3	010829036

1082GBMK

L mm		
140	3	010829264
160	3	010829266

1084K

L mm		
160	3	010849006

1084GK

L mm		
160	5	010849066

1084BMK

L mm		
160	3	010849036

1084GBMK

L mm		
160	3	010849266

1088K

L mm		
160	2	010889006

1088BMK

L mm		
160	2	010889036

1098K

L mm		
190	5	010989190
220	5	010989220

1098PLK

L mm		
220	5	010989320

1112K

L mm		
200	2	011129020

1122K

L mm		
250	2	011229020

1123K

L mm		
250	2	011239020

1124K

L mm		
250	2	011249020

1128BAX

L mm		
150	5	011280088

1128BMX

L mm		
147	5	011280051

1128BSX

L mm		
148	5	011280061

1128FX

L mm		
145	5	011280090

1128FXS

L mm		
145	5	011280095

1130BMX

L mm		
185	1	011300002

1132K

L		
170	2	011329107

1132BMK

L		
170	2	011329137

1142BMK

L mm		
160	3	011429036

1144T

L mm		
112	1	011440060

1149F

L mm		
175	1	011490010

1150K

L mm		
160	5	011509046
180	5	011509048
200	5	011509050
220	2	011509052

1150GK

L mm		
160	5	011509066
180	5	011509068
200	5	011509070
220	2	011509072

1150BMK

L mm		
160	3	011509146
180	3	011509148
200	3	011509150
220	2	011509152

1150GBMK

L mm		
160	3	011509266
180	3	011509268
200	3	011509270
220	2	011509272

1162K

L mm		
160	5	011629006
200	5	011629010

1162GK

L mm		
160	5	011629066
200	5	011629070

1162BMK

L mm		
160	3	011629036
200	3	011629040

1162GBMK

L mm		
160	3	011629266
200	3	011629270

1164K

L mm		
160	5	011649006
200	5	011649010

1164BMK

L mm		
160	3	011649036
200	3	011649040

1166K

L mm		
160	5	011669006
200	5	011669010

1166GK

L mm		
160	5	011669066
200	5	011669070

1166BMK

L mm		
160	3	011669036
200	3	011669040

1166GBMK

L mm		
160	3	011669266
200	3	011669270

1168K

L mm		
160	5	011689006
200	5	011689010

1168GK

L mm		
160	5	011689066
200	5	011689070

1168BMK

L mm		
160	3	011689036
200	3	011689040

1168GBMK

L mm		
160	3	011689266
200	3	011689270

1201E/K

SxAxL mm		
0,4x2,5x50	5	012019203
0,4X2,5x75	5	012019206
0,5x3x75	5	012019209
0,5x3x100	5	012019212
0,6x3,5X75	5	012019218
0,6x3,5x100	5	012019221
0,8x4x100	5	012019230
0,8x4x125	5	012019233
0,8x4X150	5	012019236
1,0x5,5x100	5	012019239
1,0x5,5X125	5	012019240
1,0x5,5x150	5	012019242
1,2x6,5x100	5	012019248
1,2x6,5x125	5	012019250
1,2x6,5x150	5	012019251
1,2x8x150	3	012019257
1,2x8X200	3	012019260
1,6x10x200	3	012019266

1201EN/K

SxAxL mm		
0,8x4x30	3	012019303
1,2x6,5x30	3	012019306

1202E/K

PHxDxL mm		
0x3x60	5	012029203
0x3X100	5	012029206
1x4,5x80	5	012029209
1x4,5x120	5	012029212
2x6x100	5	012029218
2x6x150	5	012029221
3x8x150	3	012029224
4x9,5x200	3	012029227

1202EN/K

PHxDxL mm		
1x4,5x30	3	012029303
2x6x30	3	012029306

1204E/K

SxDxL mm		
0,4x2,5x60	5	012049103
0,6x3x75	5	012049106
0,5x3x100	5	012049109
0,8x4x100	5	012049112
0,8x4x125	5	012049115
1,0x5x125	5	012049118
1,0x5x150	5	012049121
1,2x6,5x150	5	012049124

1207E TX/K

T5	5	012079105
T6	5	012079106
T7	5	012079107
T8	5	012079108
T9	5	012079109
T10	5	012079110
T15	5	012079115
T20	5	012079120
T25	5	012079125
T27	5	012079127
T30	5	012079130
T40	2	012079140
T45	2	012079145

1208E RTX/K

T9	5	012089109
T10	5	012089110
T15	5	012089115
T20	5	012089120
T25	5	012089125
T27	5	012089127
T30	5	012089130
T40	2	012089140

1209E PZ/K

PZ		
0	5	012099200
1	5	012099203
2	5	012099206
3	3	012099209
4	3	012099212

1209EN-PZ/K

1	3	012099303
2	3	012099306

1229PZ/K

PZ		
0	5	012299000
1	5	012299001
2	5	012299002
3	3	012299003
4	3	012299004

1229N/PZK

PZ		
1	5	012299021
2	5	012299022

1221/K

SxAxL mm		
0,4x2,5x50	5	012219003
0,4x2,5x75	5	012219006
0,5x3x75	5	012219009
0,5x3x100	5	012219012
0,6x3,5x75	5	012219018
0,6x3,5x100	5	012219021
0,8x4x100	5	012219030
0,8x4x125	5	012219033
0,8x4x150	5	012219036
1x5,5x100	5	012219039
1x5,5x150	5	012219042
1,2x6,5x100	5	012219048
1,2x6,5x150	5	012219051
1,2x8x150	3	012219057
1,2x8x200	3	012219060
1,6x10x200	3	012219066

1221N/K

SxAxL mm		
0,8x4x30	5	012219103
1,2x6,5x30	5	012219106

1222/K

PHxDxL mm		
0x3x60	5	012229003
0x3x100	5	012229006
1x4,5x80	5	012229009
1x4,5x120	5	012229012
2x6x100	5	012229018
2x6x150	5	012229021
3x8x150	3	012229024
4x10x200	3	012229027

1222N/K

PHxDxL mm		
1x4,5x30	5	012229103
2x6x30	5	012229106

1224/K

SxDxL mm		
0,4x2,5x60	5	012249003
0,5x3x75	5	012249006
0,5x3x100	5	012249009
0,8x4x100	5	012249012
1x5x125	5	012249018
1,2x6,5x150	5	012249024

1226BP/K

mm		
2	3	012269320
2,5	3	012269325
3	3	012269330
4	3	012269340
5	3	012269350
6	3	012269360
8	2	012269380

1227TX/K

T5	5	012279105
T6	5	012279106
T7	5	012279107
T8	5	012279108
T9	5	012279109
T10	5	012279110
T15	5	012279115
T20	5	012279120
T25	5	012279125
T27	5	012279127
T30	5	012279130
T40	2	012279140
T45	2	012279145

1228RTX/K

T9	3	012289109
T10	3	012289110
T15	3	012289115
T20	3	012289120
T25	3	012289125
T27	3	012289127
T30	3	012289130
T40	2	012289140

1253

SxAxL mm		
0,5x3,5x100	5	012530001

1254

SxAxL mm		
0,5x3x44	5	012540001

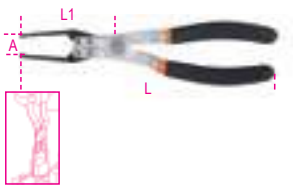
1472VW

L mm		
200	1	014720051

1473P

A Max mm		
53	1	014730020

1497BS



L mm		
230	1	014970190

1497SS

L mm		
245	1	014970195

1600Q 8

1600Q 8	1	016000008

1600Q 10

1600Q 10	1	016000010

1603K

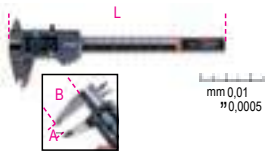
mm2		
0÷8	5	016039001

1603BK

mm²		
0÷8	2	016039010

1651DGTB

CE



A Max mm		
150	1	016510211
200	1	016510212
300	1	016510213

1691BM

CE

L m		
5	1	016910205
8	1	016910208
10	1	016910210

1691MG

CE

L m		
5	1	016910405
8	1	016910408
10	1	016910410

1692

CE

L m		
2	5	016920052
3	5	016920053
5	5	016920055
8	5	016920058

1693

CE

IP54

H mm		
100	1	016930020

1729CG

L mm		
310	2	017290200

1729DM 450

L mm		
450	4	017290450

1729J

L mm		
405	4	017290400

1729MF

1729MF	1	017290500

1741U

Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	
Stainless steel	•	•	•	•	

1741U	1	017410450

1741

Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741	1	017410003

1741P

Ø mm	2,4	3	3,2	4	4,8	5
Aluminium	•	•	•	•	•	•
Steel	•	•	•	•		
Stainless steel	•	•	•	•		

1741P	1	017410303

1741TR

Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	
Stainless steel	•	•	•	•	

1741TR	1	017410410

1760K

CE

CAT III-1000V

1760K	1	017600140

1762K

Ø mm		
2-2,5-3 3,5-4-4,5	2	017629001

1771

1771	10	017710000

1771BM

L mm		
170	10	017710050

1771HD

L mm		
190	5	017710100

1772R

L mm		
125	5	017720006

1773A

L mm		
180	10	017730000

1773S

L mm		
190	1	017730100

1777BMT

L mm		
170	5	017770050

1777T

L mm		
160	5	017770030

1778MT

L mm		
180	1	017780055

1783

L mm		
215	5	017830021
240	5	017830024

1820

1820 30 30W L = 210mm	1	018200003
1820 60 60W L = 220mm	1	018200006
1820 80 80W L = 260mm	1	018200008

1822

1822 120 120W LxA = 250x125 mm	1	018220012
1822 180 180W LxA = 250x125mm	1	018220018
1822 320 320W LxA = 250x140mm	1	018220032

1833XSW

L mm		
145	1	018330011

1833S

L mm		
150	1	018330002

1833M

L mm		
162	1	018330003

1833MW

L		
160	1	018330013

1833L

L mm		
196	1	018330004

1836AW

1836AW	1	018360051

1838COMPACT

L mm		
120	1	018380011

1838PN

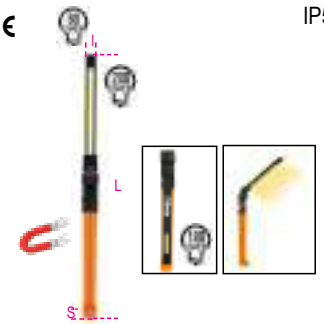
L mm		
175	1	018380008

1838POCKET

IP65
IK07

L mm		
98	1	018380080

1838SLIM



IP54

L mm		
307	1	018380221

1838SW

IP65
IK07

L mm		
260	1	018380142

1839BRW

IP20
IK07

L mm		
100	1	018390002

1949F2

g		
125	1	019490028

1949XS

g		
20	25	019490025

M01K

42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 36 mm

4,5 kg

M01K	1	024509001

M63K

952	7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

3,4 kg

M63K	1	024509063

M129K

1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1048N	250 mm
1052	240 mm
1082BM	160 mm
1098	220 mm
1122	250 mm
1128BMX	147 mm
1150BM	180 mm
1166BM	160 mm
1168BM	160 mm

3,4 Kg

M129K	1	024509129

M213K

1201E	2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
1201EN	4x30 mm
1202E	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
1202EN	PH1X30 mm
1207E/TX	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
1253	3,5x100 mm

1,8 Kg

M213K	1	024509213

DISPLAY UNITS
FOR SALES POINTS

BUILD YOUR BETA CORNER
www.beta-tools.com/planner3d/

38/DS1
wall-mounted display
with 75 punches

495x260x332 mm

display with assortment			
38/DS1		1	000380701

		n.
30	Ø 2 - 3 - 4 - 5 - 6 mm	5
31	Ø 2 - 3 - 4 - 5 - 6 - 8 - 10 mm	5
32	Ø 3 - 4 - 5 mm	5

empty display			
38/DVS1		1	000380751

38/DS2
wall-mounted display
with 65 chisels

495x260x332 mm

display with assortment			
38/DS2		1	000380702

		n.
34	125 - 150 - 175 mm	5
35	100 - 125 - 150 - 200 - 250 - 300 mm	5
36	125 - 150 mm	5
37	150 - 200 mm	5

empty display			
38/DVS2		1	000380752

943MH/DG

wall-mounted display
with 35 hi-torque hexagon nut spinners,
long series

330x270x324 mm

display with assortment
943MH/DG 1 009431701

		n.
943MH	5 mm	3
	5,5 mm	2
	6 - 7 - 8 - 9 - 10 - 13 mm	5

empty display
943MH/DVG 1 009431751

943MQ/BG

wall-mounted display
with 30 hexagon nut spinners

1000 V 330x260x332 mm

display with assortment
943MQ/BG 1 009430281

		n.
943MQ	5,5 - 6 - 7 - 8 - 10 - 13 mm	5

empty display
943BG-MQ/DV 1 009430285

1203/E1P

wall-mounted display with 82 screwdrivers

495x260x310 mm

display with assortment
1203E/E1P 1 012031301

		n.
1201	0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100 0,8x4x100 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
	1,2x8x150 mm	5
1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH2x6x100 mm	6
	PH3x8x150 mm	5

empty display
1203E/EV1P 1 012031351

1203/E4P

wall-mounted display with 85 screwdrivers

495x260x310 mm

display with assortment
1203E/E4P 1 012031304

		n.
1201	0,4x2,5x50 - 0,5x3x75 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display
1203E/EV4P 1 012031354

1203/E5P

wall-mounted display with 82 screwdrivers

495x260x310 mm

display with assortment
1203E/E5P 1 012031305

		n.
1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH1x4,5x120 PH2x6x100 - PH2x6x150 mm	6
	PH3x8x150 mm	5
1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display
1203E/EV5P 1 012031355

1203/E10P

wall-mounted display with 80 screwdrivers

495x260x310 mm

display with assortment
1203E/E10P 1 012031310

		n.
1207TX	T6	4
	T7	3
	T8	7
	T9 - T10 - T15 - T20 - T25	6
	T27 - T30	3
1208RTX	T9 - T10	3
	T15 - T20 - T25	6
	T27 - T30	3

empty display
1203E/EV10P 1 012031360

1223/E39

wall-mounted display with 39 screwdrivers

330x270x324 mm

display with assortment **1223/E39** — 1 — 012230595

		n.
1228RTX	T9 - T10 - T15 - T20 - T25	6
	T27	4
	T30	3
	T40	2

empty display **1223/EV39** — 1 — 012230596

1223/E52

wall-mounted display with 52 screwdrivers

330x270x324 mm

display with assortment **1223/E52** — 1 — 012230570

		n.
1224	0,4x2,5x60 - 0,5x3x75 mm	14
	0,5x3x100 mm	7
	0,8x4x100 - 1x5x125 mm	6
	1,2x6,5x150 mm	5

empty display **1223/EV52** — 1 — 012230571

1223/E66

wall-mounted display with 66 screwdrivers

495x270x330 mm

display with assortment **1223/E66** — 1 — 012230560

		n.
1222	PH0x3x60 - PH0x3x100 mm	7
	PH1x4,5x80 - PH1x4,5x120 mm	6
	PH2x6x100 mm	9
	PH2x6x150 mm	10
	PH3x8x150 mm	5
	PH4x10x200 mm	4
1222N	PH1x4,5x30 - PH2x6x30 mm	6

empty display **1223/EV66** — 1 — 012230561

1223/E40

wall-mounted display with 40 screwdrivers

330x270x324 mm

display with assortment **1223/E40** — 1 — 012230580

		n.
1229PZ	PZ0x60 mm	7
	PZ1x80 mm	6
	PZ2x100 - PZ3x150 - PZ4x200 mm	5
1229N/PZ	PZ1x30 - PZ2x30 mm	6

empty display **1223/EV40** — 1 — 012230581

1223/E62

wall-mounted display with 62 screwdrivers

495x270x330 mm

display with assortment **1223/E62** — 1 — 012230590

		n.
1227TX	T5 - T7 - T9 - T25	5
	T6 - T8 - T10 - T15 - T20	6
	T27 - T30	4
	T40 - T45	2

empty display **1223/EV62** — 1 — 012230591

1223/E78

wall-mounted display with 78 screwdrivers

495x270x330 mm

display with assortment **1223/E78** — 1 — 012230510

		n.
1221	0,4x2,5x75 - 0,5x3x75 - 0,6x3,5x100 mm	7
	0,8x4x100 - 0,8x4x125 - 1x5,5 x100 1x5,5x150 - 1,2x6,5x150 mm	6
	1,2x8x150 mm	4
1222	PH0x3x60 mm	7
	PH1x4,5x80 - PH2x6x100 mm	6
	PH3x8x150 mm	4

empty display **1223/EV78** — 1 — 012230511

1223/E79

wall-mounted display with 79 screwdrivers

495x270x330 mm

display with assortment				
1223/E79			1	012230550

		n.
1221	0,4x2,5x50 - 0,5x3x75 - 0,5x3x100 - 0,6x3,5x100 mm	7
	0,4x2,5X75 - 0,8x4x100 - 0,8x4x125 - 1x5,5x150 - 1,2x6,5x150 mm	6
	1,2x8x150 mm	4
	1,6x10x200 mm	3
	2x12x250 mm	2
1221N	0,8x4x30 - 1,2x6,5x30 mm	6

empty display			
1223/EV79		1	012230551

1273MQ/E1

wall-mounted display with 40 screwdrivers

1000 V 330x260x332 mm

display with assortment			
1273MQ/E1		1	012730312

		n.
1272MQ	PH0x60 - PH1x80 mm	5
	PH2x100 mm	3
	PH3x150 mm	2
1274MQ	3x100 - 4x100 - 5,5x125 - 6,5x150 mm	5
	8x175 mm	3
	10x200 mm	2

empty display			
1273BG-MQ/DV		1	012730651

C68

Beta wall display, empty

1000x560x2200 mm

C68/1	1 m	1	068000001
C68/2	2 m	1	068000002
C68/3	3 m	1	068000003
C68/4	4 m	1	068000004
C68/5	5 m	1	068000005
C68/6	6 m	1	068000006
C68/7	7 m	1	068000007
C68/8	8 m	1	068000008
C68/9	9 m	1	068000009
C68/10	10 m	1	068000010

C68N

Beta wall display, empty

1000x560x2470 mm

C68N/1	1 m	1	068000031
C68N/2	2 m	1	068000032
C68N/3	3 m	1	068000033
C68N/4	4 m	1	068000034
C68N/5	5 m	1	068000035
C68N/6	6 m	1	068000036
C68N/7	7 m	1	068000037
C68N/8	8 m	1	068000038
C68N/9	9 m	1	068000039
C68N/10	10 m	1	068000040

C68N/0,66

Beta wall display, empty

660x560x2470 mm

C68N/0,66	0,66 m	1	068000029

C68 G

"gondola" display

1000x1120x1600 mm

C68G/1	1 m	1	068000051
C68G/2	2 m	1	068000052
C68G/3	3 m	1	068000053
C68G/4	4 m	1	068000054

C88 R/1
Robur wall display, empty

C88R/1	1 m	1 088000001

C88NR/1
Robur wall display, empty

C88NR/1	1 m	1 088000031

C88VE
display tray for display walls C88

suitable for housing coils of chains item 8120

C88VE	1	088000120

C88SE
display tray for Genovese chain reels

C88SE	1	088000130

1700x600x600 mm

6888
hooks for displays C60 - C61 - C68 - C88

6888S1	10	068880011
6888S2	10	068880012
6888D1	5	068880021
6888D2	5	068880022
6888D4	5	068880024
6888D5	5	068880025
6888T1	5	068880031
6888T2	5	068880032
6888CT	1	068880044
6888B	1	068880100
6888GA	3	068880120
6888S-1/4	1	068880605
6888S-3/8	1	068880610

6800 VE
showcase for wall displays C68 and C68 R/1

6800VE/1	1 m	1 068000401
6800VE/2	2 m	1 068000402
6800VE/3	3 m	1 068000403
6800VE/4	4 m	1 068000404
6800VE/5	5 m	1 068000405

ACCESSORIES

6800AE	1 068000145
6800AI	1 068000140
6800AD/P	1 068000143

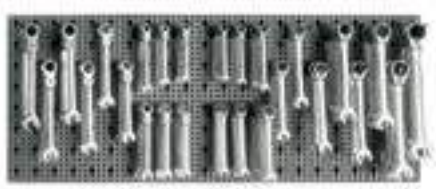
6800FB/66	1 068000099
6800CB/100	1 068000104
6800FB/100	1 068000109
6800FO/100	1 068000108
6800PL	1 068000137
6800RP/100	1 068000150
6800GR/37	1 068000159

6800PM/40	1 068000171
6800PM/80	1 068000172

6600 M/14
assortment of 154 tools,
with hooks without panel

6600 M/14	1	066000014

6600 M/40
assortment of 100 tools,
with hooks without panel



6600 M/40	1	066000040

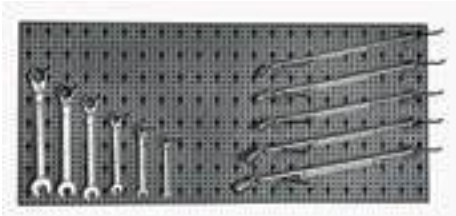
6600 M/52
assortment of 176 tools
with hooks without panel

6600 M/52	1	066000052

6600 M/22
assortment of 108 tools,
with hooks without panel

6600 M/22	1	066000022

6600 M/44
assortment of 48 tools,
with hooks without panel



6600 M/44	1	066000044

6600 M/58
assortment of 150 tools
with hooks without panel

6600 M/58	1	066000058

6600 M/29
assortment of 173 tools,
with hooks without panel

6600 M/29	1	066000029

6600 M/47
assortment of 65 tools,
with hooks without panel

6600 M/47	1	066000047

6600 M/59
assortment of 220 tools,
with hooks without panel

6600 M/59	1	066000059

6600 M/33
assortment of 37 tools, with hooks without
panel

6600 M/33	1	066000033

6600 M/51
assortment of 257 tools
with hooks without panel

6600 M/51	1	066000051

6600 M/61
assortment of 71 tools,
with hooks without panel

6600 M/61	1	066000061

6600 M/68

assortment of 76 tools,
with hooks without panel

6600 M/68	1	066000068

6600 M/125

assortment of 133 tools,
with hooks without panel

6600 M/125	1	066000125

6600 M/217

assortment of 74 tools,
with hooks without panel

6600 M/217	1	066000217

6600 M/73

assortment of 68 tools
with hooks without panel

6600 M/73	1	066000073

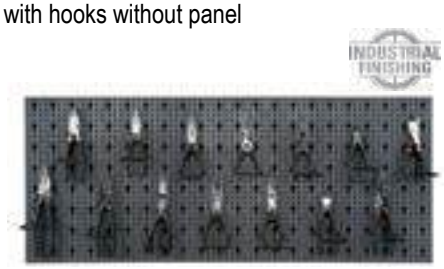
6600 M/126

assortment of 58 tools,
with hooks without panel

6600 M/126	1	066000126

6600 M/218

assortment of 58 tools,
with hooks without panel



6600 M/218	1	066000218

6600 M/112

assortment of 329 tools,
with hooks without panel

6600 M/112	1	066000112

6600 M/131

assortment of 92 tools,
with hooks without panel

6600 M/131	1	066000131

6600 M/223

assortment of 58 tools,
with hooks without panel

6600 M/223	1	066000223

6600 M/120

assortment of 163 tools,
with hooks without panel

6600 M/120	1	066000120

6600 M/174

assortment of 13 tools, with hooks without panel

6600 M/174	1	066000174

6600 M/230

assortment of 78 tools,
with hooks without panel

6600 M/230	1	066000230

6600 M/236
assortment of 31 tools,
with hooks without panel

6600 M/236 — 1 — 066000236

6600 M/371
assortment of 162 tools,
with hooks without panel

6600 M/371 — 1 — 066000371

6600 M/381
assortment of 71 tools,
with hooks without panel

6600 M/381 — 1 — 066000381

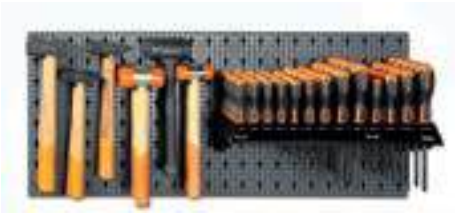
6600 M/241
assortment of 43 tools,
with hooks without panel

6600 M/241 — 1 — 066000241

6600 M/372
assortment of 145 tools,
with hooks without panel

6600 M/372 — 1 — 066000372

6600 M/406
assortment of 107 tools,
with hooks without panel



6600 M/406 — 1 — 066000406

6600 M/242
assortment of 91 tools,
with hooks without panel

6600 M/242 — 1 — 066000242

6600 M/373
assortment of 101 tools,
with hooks without panel

6600 M/373 — 1 — 066000373

6600 M/417
assortment of 43 tools,
with hooks without panel

6600 M/417 — 1 — 066000417

6600 M/253
assortment of 60 tools,
with hooks without panel

6600 M/253 — 1 — 066000253

6600 M/374
assortment of 116 tools,
with hooks without panel

6600 M/374 — 1 — 066000374

6600 M/427
assortment of 24 tools,
with hooks without panel

6600 M/427 — 1 — 066000427

6600 M/430
assortment of 29 tools,
with hooks without panel

6600 M/430	1	066000430

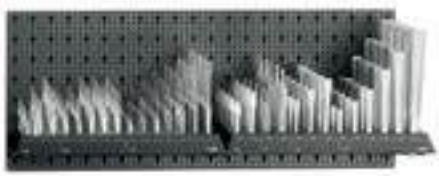
6600 M/480
assortment of 18 tools,
with hooks without panel

6600 M/480	1	066000480

6600 M/534
assortment of 51 tools,
with hooks without panel

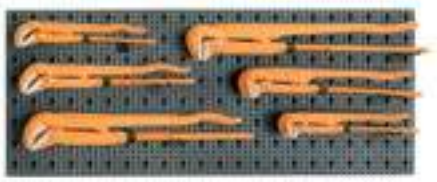
6600 M/534	1	066000534

6600 M/440
assortment of 140 tools,
with hooks without panel



6600 M/440	1	066000440

6600 M/485
assortment of 12 tools,
with hooks without panel



6600 M/485	1	066000485

6600 M/542
assortment of 53 tools,
with hooks without panel

6600 M/542	1	066000542

6600 M/456
assortment of 41 tools,
with hooks without panel

6600 M/456	1	066000456

6600 M/510
assortment of 16 tools,
with hooks without panel

6600 M/510	1	066000510

6600 M/555
assortment of 28 tools,
with hooks without panel

6600 M/555	1	066000555

6600 M/465
assortment of 36 tools, with hooks without panel

6600 M/465	1	066000465

6600 M/532
assortment of 24 tools
with hooks without panel

6600 M/532	1	066000532

6600 M/561
assortment of 60 tools,
with hooks without panel

6600 M/561	1	066000561

6600 M/565
assortment of 324 tools,
with hooks without panel

6600 M/565	1	066000565

6600 M/566
assortment of 324 tools,
with hooks without panel

6600 M/566	1	066000566

6600 M/567
assortment of 294 tools,
with hooks without panel

6600 M/567	1	066000567

6600 M/589
assortment of 31 tools,
with hooks without panel

6600 M/589	1	066000589

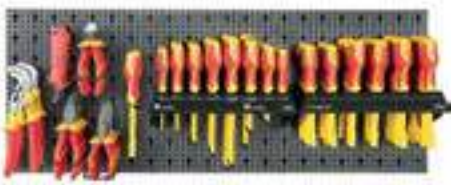
6600 M/592
assortment of 40 tools,
with hooks without panel

6600 M/592	1	066000592

6600 M/595
assortment of 33 tools,
with hooks without panel

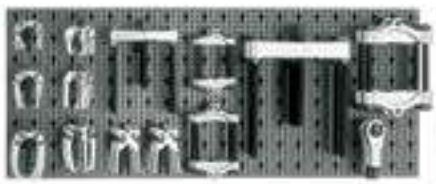
6600 M/595	1	066000595

6600 M/643
assortment of 90 tools,
with hooks without panel



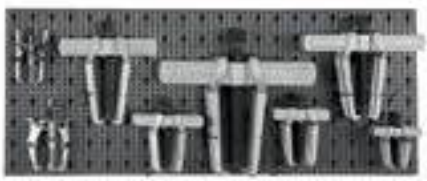
6600 M/643	1	066000643

6600 M/650
assortment of 28 tools,
with hooks without panel



6600 M/650	1	066000650

6600 M/657
assortment of 17 tools,
with hooks without panel



6600 M/657	1	066000657

6600 M/658
assortment of 14 tools
with hooks without panel

6600 M/658	1	066000658

6600 M/700
Assortment of 18 tools,
with hooks without panel

6600 M/700	1	066000700

6600 M/716
assortment of 64 tools,
with hooks without panel

6600 M/716	1	066000716

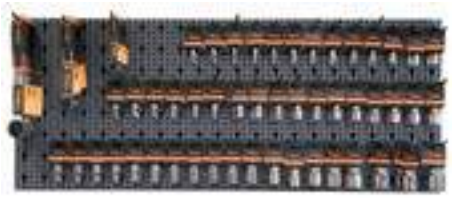
6600 M/811
assortment of 53 tools,
with hooks without panel

6600 M/811	1	066000811

6600 M/882
Assortment of 32,155 pieces,
with hooks without panel

6600 M/882	1	066000882

6600 M/120K
Assortment of 386 tools,
with hooks without panel



6600 M/120K	1	066009120

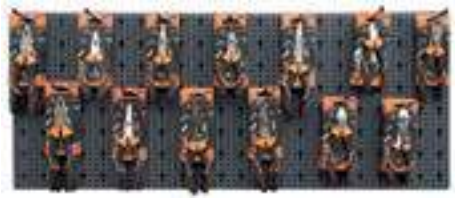
6600 M/812
assortment of 27 tools,
with hooks without panel

6600 M/812	1	066000812

6600 M/884
Assortment of 32,155 pieces,
with hooks without panel

6600 M/884	1	066000884

6600 M/217K
assortment of 38 tools,
with hooks without panel



6600 M/217K	1	066009217

6600 M/813
assortment of 31 tools, with hooks without panel

6600 M/813	1	066000813

6600 M/14K
assortment of 150 tools,
with hooks without panel

6600 M/14K	1	066009014

Robur

8600 R/11
assortment of 374 wire rope accessories, with hooks without panel

8600 R/11	1	086000011

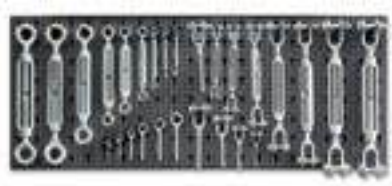
6600 M/842
assortment of 36 tools, with hooks without panel

6600 M/842	1	066000842

6600 M/40K
assortment of 91 tools,
with hooks without panel

6600 M/40K	1	066009040

8600 R/12
assortment of 259 wire rope accessories,
with hooks without panel



8600 R/12	1	086000012

8600 R/13
assortment of 230 wire rope accessories,
with hooks without panel

8600 R/13	1 086000013

8600 R/105
Assortment of 1,092 wire rope accessories,
with hooks without panel

8600 R/105	1 086000105

8600 R/113
assortment of 1862 wire rope accessories,
with hooks without panel

8600 R/113	1 086000113

8600 R/114
assortment of 1045 wire rope accessories,
with hooks without panel

8600 R/114	1 086000114

8600 R/115
Assortment of 1690 wire rope accessories,
with hooks without panel

8600 R/115	1 086000115

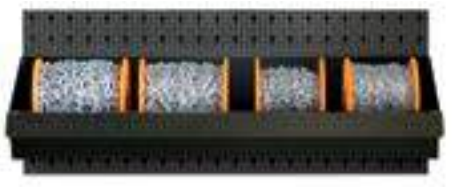
8600 R/225
assortment of 64 GRADE 8 accessories,
with hooks without panel

8600 R/225	1 086000225

8600 R/412
assortment of 348 STAINLESS STEEL wire
rope accessories,
with hooks without panel

8600 R/412	1 086000412

8600 R/511
assortment of 11 Genovese chain reels,
with display tray



8600 R/511	1 086000511

8600 R/601
assortment of 50 tie down ratchets
with grids, shelf and hooks,
without panel

8600 R/601	1 086000601
C88/R601	1 088000160

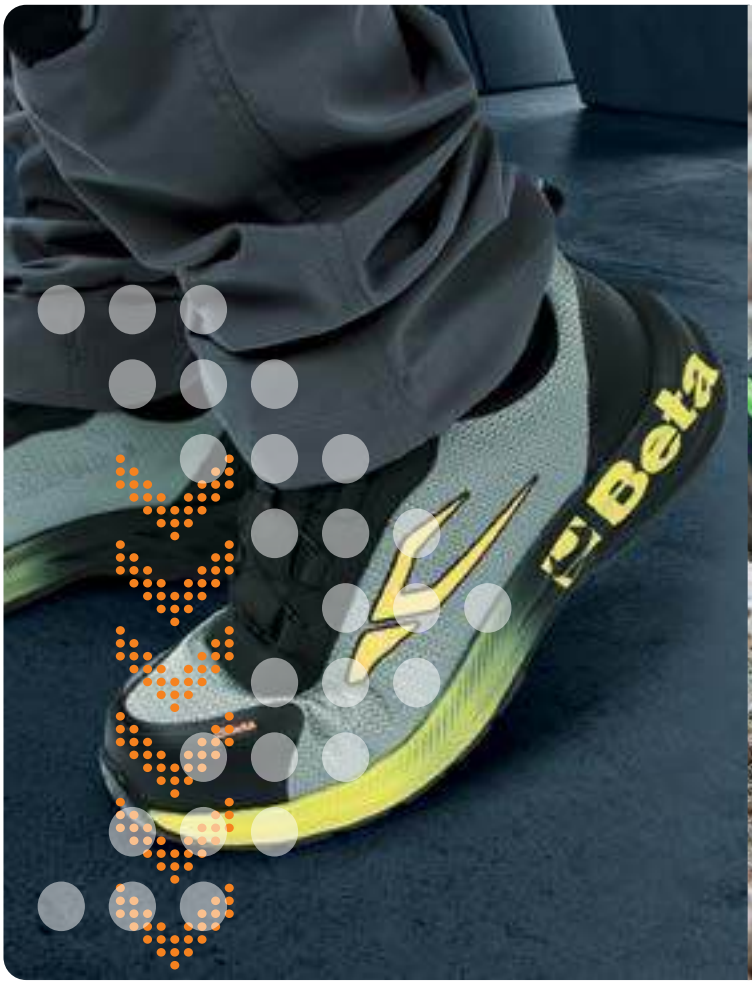
8600 R/602
assortment of 120 ratchet tie downs

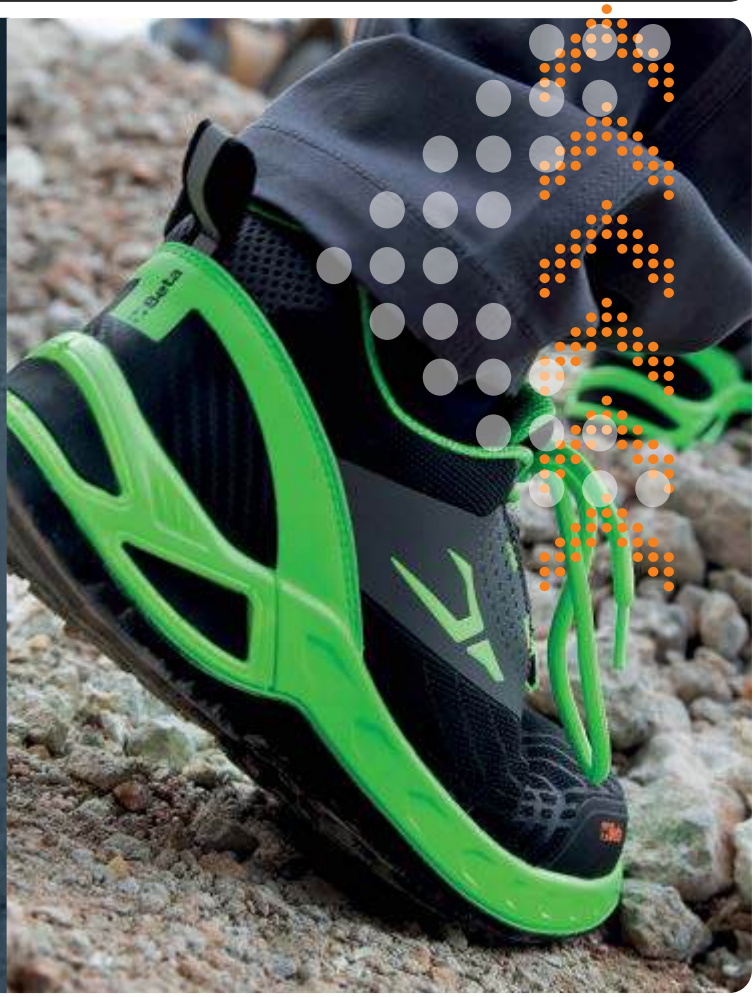
8600 R/602	1 086000602
C88/R611	1 088000161

8600 R/611
assortment of 52 webslings
with grids, without panel

8600 R/611	1 086000611
C88/R611	1 088000161

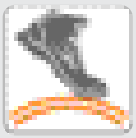
SAFETY FOOTWEAR





LEGENDA

With penetration-proof insole



Repeated bending resistance > 60,000

With toe cap

Contact heat resistant outsole (300 °C/min.)

Antistatic footwear

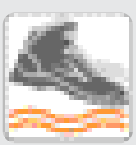
Nonmagnetic footwear, totally free from metal parts

Energy absorption of seat region

Footwear developed to ensure constant dissipation of electrostatic charges from the wearer's body to the ground

Oil, hydrocarbon and solvent proof outsole

Wide body footwear (11) for improved comfort



Antislip outsole

Footwear developed to provide cold insulation (-20 °C)

WARNINGS

Before use make, sure that the footwear meets your use requirements and has a proper protection class, according to type and workplace.
The footwear manufactured by Beta Utensili complies with current EUROPEAN STANDARDS.
The employer shall ensure that suitable personal protective equipment is provided to the employees who may be exposed to a risk (characteristics and category of PPE)

OBSOLESCENCE

Because of the numerous factors involved (humidity during storage and structural changes in materials in time), the exact storage life of the shoe cannot be determined. Generally speaking, footwear made entirely of polyurethane or with polyurethane outsoles has an expected maximum life of three years from the manufacturing date. Footwear made entirely of PVC has an expected life of five years from the manufacturing date; whereas footwear with leather uppers and footwear made from rubber, thermoplastic material and EVA has an expected maximum life of ten years from the manufacturing date. Such periods apply to new footwear, packed and stored under controlled conditions – that is, avoiding abrupt changes in temperature and relative humidity.

EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2011 - EN ISO 20347:2012

COMPLIANCE WITH EN ISO 20345:2011
This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose.
Footwear according to EN ISO 20345:2011 is marked “S” (= Safety), with toe caps resistant to an impact of 200 Joules.

COMPLIANCE WITH EN ISO 20347:2012
This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2012 is marked “O” (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:2011, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2022 - EN ISO 20347:2022

COMPLIANCE WITH EN ISO 20345:2022
This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose.
Footwear according to EN ISO 20345:2022 is marked “S” (= Safety), with toe caps resistant to an impact of 200 Joules.

COMPLIANCE WITH EN ISO 20347:2022
This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2022 is marked “O” (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:202, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

Information for footwear with perforation resistant inserts
The perforation resistance of this shoe was tested in the lab, by using standardised nails and force. Nails smaller in diameter and higher static or dynamic loads are associated with a higher risk of perforation. Under such circumstances, additional preventive measures must be considered. PPE footwear is currently available with three different types of perforation resistant inserts. These may be either metallic or non-metallic inserts and must be chosen on the basis of the risks associated with the type of work. All of the three types of inserts provide protection against the risk of perforation; nevertheless, each has different advantages or disadvantages, including the following:

- **Metallic perforation resistant insert:** perforation resistance is less affected by the shape of the sharp object (e.g. diameter, geometry, pointed shape), but it does not cover the whole surface of the lower part of the shoe, due to limitations in the dimensions required for the production of footwear.

- **Non-metallic perforation resistant insert :** it is light, flexible and provides a large coverage area compared to a metallic one, but perforation resistance may vary to a larger extent, depending on the shape of the sharp object (e.g. diameter, geometry, pointed shape).
  Type PS provides greater protection against objects smaller in diameter than type PL.

EN ISO 20345:2011 - EN ISO 20347:2012
BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

FOOTWEAR CLASSIFICATION
- **Class I**: Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear**: All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

BASIC REQUIREMENTS
- **Whole footwear**: height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper**: properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole**: construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2011				EN ISO 20347:2012				EN ISO 20345:2011		EN ISO 20347:2012		MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	OB	01	02	03	S4	S5	04	05	
	Closed seat region	O	X	X	X	O	X	X	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	–	–	–	–	X	X	–	–	
A	Antistatic footwear	O	X	X	X	O	X	X	X	X	X	X	X	Electrical resistance >100 kΩ, ≤1000 MΩ
E	Energy absorption of seat region	O	X	X	X	O	X	X	X	X	X	X	X	> 20 Joules
WRU	Water penetration and resistance of upper	O	–	X	X	O	–	X	X	–	–	–	–	Penetration: <0.2 g x 60 min Absorption: < 30% x 60 min.
P	Penetration resistance of outsole	O	O	–	X	O	O	–	X	O	X	O	X	> 1100 N
CI	Cold insulation	O	O	O	O	O	O	O	O	O	O	O	O	Temp. decrease of inner surface of sole: < 10° C
HI	Heat insulation	O	O	O	O	O	O	O	O	O	O	O	O	Temp. increase of inner surface of sole: < 22° C
HRO	Heat resistance of outsole	O	O	O	O	O	O	O	O	O	O	O	O	Resistant up to 300°
WR	Water resistance	O	O	O	O	O	O	O	O	–	–	–	–	Absorption: < 3 cm^2
FO	Resistance to hydrocarbons	O	X	X	X	O	O	O	O	X	X	O	O	Volume increase of sole sample < 12 %
SRC	Slip resistance of outsole	X	X	X	X	X	X	X	X					**SRA + SRB** requirement

X	**Mandatory** requirement for protection class
O	**Optional** requirement added to mandatory ones, if marked on marking
–	**Not mandatory** requirement, check footwear stamping

Antistatic footwear:
Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

Insulating footwear:
Insulating footwear provide electrical protection against accidental contacts with voltages up to 1000 V, provided that usage conditions are such as not to modify or alter electrical resistance under the influence of humidity. It should be pointed out that electrical resistance only refers to the bottom, and not to the upper, of the footwear.
Electrical classes for footwear:
Class 00 500V CA or 750V CC
Class 0 1000V CA or 1500V CC

Dissipative footwear for EPA environments:
Dissipative footwear, which is specially designed for EPA (ESDS) environments, allows electrostatic charges to be dissipated from the wearer's body in a continuous and controlled way, so as to protect electronic components and devices from electrostatic phenomena. The reference value of ground resistance according to CEI EN 61340-5-1: 2016, for wearer/footwear/floor, is <1 × 109 Ω.

EN ISO 20345:2022 - EN ISO 20347:2022
BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

FOOTWEAR CLASSIFICATION
- **Class I**: Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear**: All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

BASIC REQUIREMENTS
- **Whole footwear**: height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper**: properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole**: construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2022										EN ISO 20347:2022						MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	S3L	S3S	S6	S7	S7L	S7S	OB	01	02	03	03L	03S	
	Class	I o II	I	I	I	I	I	I	I	I	I	I o II	I	I	I	I	I	
	Closed seat region	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	
	Cleated outsole	0	0	0	X	X	X	0	X	X	X	0	0	0	X	X	X	
P	Perforation resistance (metallic insert P) *	0	0	0	X	-	-	0	X	-	-	0	0	0	X	-	-	Perforation force ≥ 1100N
PL	Perforation resistance (non-metallic insert, test with nail, Ø 4.5 mm)	0	0	0	-	X	-	0	-	X	-	0	0	0	-	X	-	
PS	Perforation resistance (non-metallic insert, test with nail, Ø 3.0 mm)	0	0	0	-	-	X	0	-	-	X	0	0	0	-	-	X	
A	Antistatic footwear	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	Electrical resistance > 100 kΩ ≤ 1000 kΩ
HI	Heat insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature increase ≤ 22 °C when placed on a plate at a temperature of 150 °C for 30'
CI	Cold insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature decrease ≤ 10 °C in an environment at -17 °C for 30'
E	Energy absorption in heel area	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	> 20 Joules
WR	Water resistance	0	0	0	0	0	0	X	X	X	X	0	0	0	0	0	0	No water penetration
SC	Abrasion resistance of scuff cap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No hole throughout thickness after 8,000 cycles
SR	Slip resistance on ceramic floor with glycerin	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Test on ceramic floor with glycerin.
WPA	Water penetration and absorption	0	0	X	X	X	X	-	-	-	-	0	0	X	X	X	X	H2O absorption after 60' ≤ 30%
HRO	Resistance to hot contact	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Contact at 300 °C for 60" - Does not melt
FO	Resistance to hydrocarbons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Volume increase of sole sample < 12 %
LG	Ladder grip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Width of central outsole area > 35 mm

X	**Mandatory** requirement for protection class
O	**Optional** requirement added to mandatory ones, if marked on marking
–	**Not mandatory** requirement, check footwear stamping

Partially conductive footwear
Partially conductive footwear should be used if it is necessary to minimize electrostatic charges in the shortest possible time, e.g. when handling explosives.
Electrically conductive footwear should not be used if the risk of shock from any electrical apparatus or live parts with alternating or direct voltage has not been completely eliminated. In order to ensure that this footwear is partially conductive, it has been specified to have an upper limit of resistance of 100 kΩ in its new state

Antistatic footwear
Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

NB The certificates of the footwear certified in accordance with old standards will be effective until the expiration thereof.

EN ISO 20345:2022 — S1P SR / S1PS SR

LINE	ITEM	REQUIREMENTS			RECOMMENDED SECTORS						
		ADDITIONAL REQUIREMENTS		METAL FREE	AUTOMOTIVE	BUILDING	ELECTRICITY	INDUSTRY	SERVICE LOGISTICS	HEATING & PLUMBING	
EASY	7246NE	FO	X			X		X	X	X	574
NEW BASIC	7246NB	FO	X		X	X		X	X	X	576
	7247NB	FO	X		X	X		X	X	X	576
	7248NB	FO RS	X		X	X		X		X	577
BASIC PLUS	7200BP	FO	X	X	X	X	X	X	X	X	578
	7201BP	FO	X	X	X	X	X	X	X	X	578
ACTIVE	7316NG	FO ESD	X	X	X	X	X	X	X	X	580
	7317NA	FO	X	X	X	X	X	X	X	X	580
0-GRAVITY	7352B	HRO FO		X	X		X	X	X	X	582
	7352LG	HRO FO		X	X		X	X	X	X	582
	7371V	HRO FO ESD	X	X	X		X	X	X	X	583
fitEVOLUTION	7270Y	FO ESD	X	X	X	X	X	X	X	X	585
	7271V	FO ESD	X	X	X	X	X	X	X	X	585
	7272V	FO ESD	X	X	X	X	X	X	X	X	585
RENEGADE	7340VA	HRO FO	X	X	X		X	X	X	X	587
	7340G	HRO FO	X	X	X		X	X	X	X	587
	7341V	HRO FO	X	X	X		X	X	X	X	587
	7341Y	HRO FO	X	X	X		X	X	X	X	588

EN ISO 20345:2011 — S1P SRC

0-GRAVITY	7352G	HRO ESD	X	X	X		X	X	X	X	582
	7372B	HRO	X	X	X		X	X	X	X	584

EN ISO 20347:2022 — O2 SRC

NEW BASIC	7241NFT	FO			X		X			X	575
	7243NFT	FO RS			X		X			X	576

EN ISO 20345:2022 — S3 SR / S3S SR

LINE	ITEM	REQUIREMENTS			RECOMMENDED SECTORS								
		ADDITIONAL REQUIREMENTS		METAL FREE	AGRICULTURE	AUTOMOTIVE	BUILDING	INDUSTRY	ELECTRICITY	SERVICE LOGISTICS	OIL & GAS	HEATING & PLUMBING	
EASY	7241NE	FO	X		X		X	X		X		X	574
	7243NE	FO RS	X		X		X	X				X	574
NEW BASIC	7241NC	FO	X		X	X	X	X		X		X	575
	7243NC	FO RS	X		X	X	X	X				X	575
	7245NB	FO RS	X		X	X	X	X				X	576
BASIC PLUS	7202BP	FO	X	X	X	X	X	X	X	X		X	578
	7203BP	FO RS	X	X	X	X	X	X	X	X		X	579
	7204BP	RS	X	X	X	X	X	X	X			X	579
ACTIVE	7320NA	FO	X	X	X	X	X	X	X	X		X	581
	7321NA	FO RS	X	X	X	X	X	X	X	X		X	581
	7322SA	FO	X	X	X	X	X	X	X	X		X	581
	7323SA	FO RS	X	X	X	X	X	X	X	X		X	581
0-GRAVITY	7354N	FO HRO		X		X		X	X	X		X	583
	7356G	FO HRO		X		X		X	X	X		X	583
	7357G	FO HRO		X		X		X	X	X		X	583
fitEVOLUTION	7273G	FO ESD	X	X		X	X	X	X	X	X	X	586
	7274G	FO ESD	X	X		X	X	X	X	X	X	X	586
	7275N	FO ESD	X	X		X	X	X	X	X	X	X	586
	7276N	FO ESD	X	X		X	X	X	X	X	X	X	586
RENEGADE	7342N	HRO FO	X	X		X	X	X	X	X		X	588
	7343N	HRO FO	X	X		X	X	X	X	X		X	588

EN ISO 20345:2011 — S3 SRC

FLEX	7214G	ESD		X		X		X	X	X	X	X	579
	7218G	RS ESD		X		X		X	X	X	X	X	580
HEAVY DUTY	7293HM	HRO HI	X		X		X				X	X	589
	7294HM	HRO HI	X		X		X				X	X	589
	7294HMC	HRO HI CI WR	X		X		X				X	X	589
0-GRAVITY	7381N	HRO WR	X	X	X	X	X	X	X	X	X	X	584
	7382N	HRO WR	X	X	X	X	X	X	X	X	X	X	584

EN ISO 20345:2011 — S5 SRC

BASIC	7328A				X		X	X			X	X	577
	7328N				X		X	X			X	X	577

EASY

7241NE

leather shoe, water-repellent

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm			
35	2,5	230	1	072411135
36	3,5	237	1	072411136
37	4,5	244	1	072411137
38	5	250	1	072411138
39	6	257	1	072411139
40	6,5	264	1	072411140
41	7	270	1	072411141
42	8	277	1	072411142
43	9	284	1	072411143
44	10	290	1	072411144
45	10,5	297	1	072411145
46	11	304	1	072411146
47	12	310	1	072411147
48	13	317	1	072411148

CE S3 FO SR

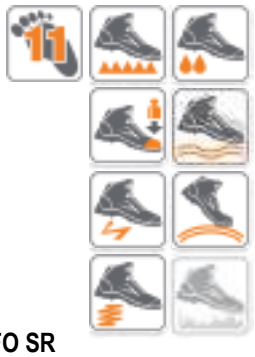
7243NE

ankle leather shoe, water-repellent, with quick opening system

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm			
35	2,5	230	1	072431135
36	3,5	237	1	072431136
37	4,5	244	1	072431137
38	5	250	1	072431138
39	6	257	1	072431139
40	6,5	264	1	072431140
41	7	270	1	072431141
42	8	277	1	072431142
43	9	284	1	072431143
44	10	290	1	072431144
45	10,5	297	1	072431145
46	11	304	1	072431146
47	12	310	1	072431147
48	13	317	1	072431148



CE S3 FO SR

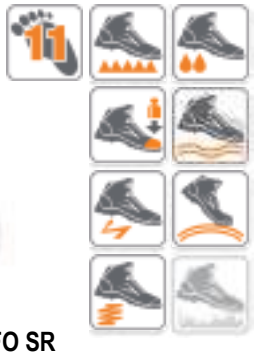
7246NE

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm			
35	2,5	230	1	072461135
36	3,5	237	1	072461136
37	4,5	244	1	072461137
38	5	250	1	072461138
39	6	257	1	072461139
40	6,5	264	1	072461140
41	7	270	1	072461141
42	8	277	1	072461142
43	9	284	1	072461143
44	10	290	1	072461144
45	10,5	297	1	072461145
46	11	304	1	072461146
47	12	310	1	072461147
48	13	317	1	072461148



CE S1P FO SR

BASIC

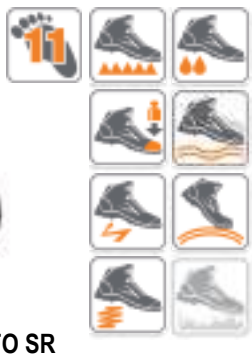
7241NC

leather shoe, water-repellent

- Steel toe cap
- Steel penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
35	2,5	228	1	072411635
36	3,5	235	1	072411636
37	4,5	242	1	072411637
38	5	248	1	072411638
39	6	255	1	072411639
40	6,5	262	1	072411640
41	7	268	1	072411641
42	8	275	1	072411642
43	9	282	1	072411643
44	10	288	1	072411644
45	10,5	295	1	072411645
46	11	302	1	072411646
47	12	308	1	072411647
48	13	315	1	072411648



CE

S3 FO SR

7241NFT

leather occupational shoe, water-repellent

- Without toe cap
- Without penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
35	2,5	228	1	072410735
36	3,5	235	1	072410736
37	4,5	242	1	072410737
38	5	248	1	072410738
39	6	255	1	072410739
40	6,5	262	1	072410740
41	7	268	1	072410741
42	8	275	1	072410742
43	9	282	1	072410743
44	10	288	1	072410744
45	10,5	295	1	072410745
46	11	302	1	072410746
47	12	308	1	072410747
48	13	315	1	072410748

CE

O2 FO SR

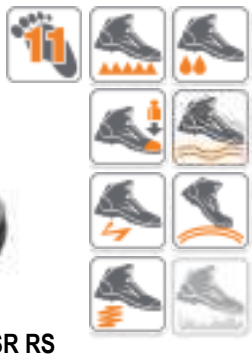
7243NC

leather ankle shoe, water-repellent,
with quick opening system

- Steel toe cap
- Steel penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
35	2,5	228	1	072431635
36	3,5	235	1	072431636
37	4,5	242	1	072431637
38	5	248	1	072431638
39	6	255	1	072431639
40	6,5	262	1	072431640
41	7	268	1	072431641
42	8	275	1	072431642
43	9	282	1	072431643
44	10	288	1	072431644
45	10,5	295	1	072431645
46	11	302	1	072431646
47	12	308	1	072431647
48	13	315	1	072431648



CE

S3 FO SR RS

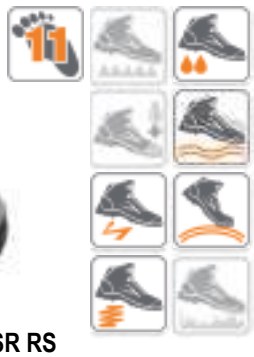
7243NFT

leather occupational ankle shoe, water-repellent, with quick opening system

- Without toe cap
- Without penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072430535
36	3,5	235	1	072430536
37	4,5	242	1	072430537
38	5	248	1	072430538
39	6	255	1	072430539
40	6,5	262	1	072430540
41	7	268	1	072430541
42	8	275	1	072430542
43	9	282	1	072430543
44	10	288	1	072430544
45	10,5	295	1	072430545
46	11	302	1	072430546
47	12	308	1	072430547
48	13	315	1	072430548

EN ISO 20345 2022



CE

O2 FO SR RS

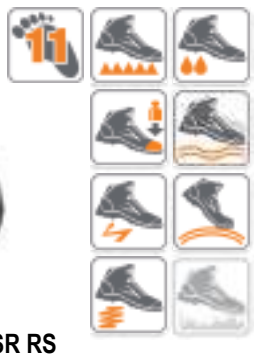
7245NB

leather ankle shoe, water-repellent, with quick opening system and front protection with strap closure

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072451635
36	3,5	235	1	072451636
37	4,5	242	1	072451637
38	5	248	1	072451638
39	6	255	1	072451639
40	6,5	262	1	072451640
41	7	268	1	072451641
42	8	275	1	072451642
43	9	282	1	072451643
44	10	288	1	072451644
45	10,5	295	1	072451645
46	11	302	1	072451646
47	12	308	1	072451647
48	13	315	1	072451648

EN ISO 20345 2022



CE

S3 FO SR RS

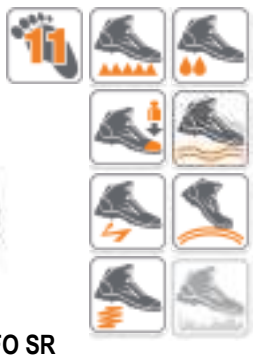
7246NB

suede shoe, perforated

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072461635
36	3,5	235	1	072461636
37	4,5	242	1	072461637
38	5	248	1	072461638
39	6	255	1	072461639
40	6,5	262	1	072461640
41	7	268	1	072461641
42	8	275	1	072461642
43	9	282	1	072461643
44	10	288	1	072461644
45	10,5	295	1	072461645
46	11	302	1	072461646
47	12	308	1	072461647
48	13	315	1	072461648

EN ISO 20345 2022



CE

S1P FO SR

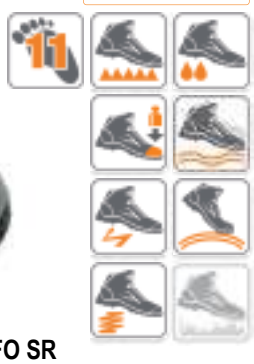
7247NB

leather sandal

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072470635
36	3,5	235	1	072470636
37	4,5	242	1	072470637
38	5	248	1	072470638
39	6	255	1	072470639
40	6,5	262	1	072470640
41	7	268	1	072470641
42	8	275	1	072470642
43	9	282	1	072470643
44	10	288	1	072470644
45	10,5	295	1	072470645
46	11	302	1	072470646
47	12	308	1	072470647
48	13	315	1	072470648

EN ISO 20345 2022



CE

S1P FO SR

7248NB

suede ankle shoe,
with quick opening system

- Steel toe cap
- Steel penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
35	2,5	228	1	072481635
36	3,5	235	1	072481636
37	4,5	242	1	072481637
38	5	248	1	072481638
39	6	255	1	072481639
40	6,5	262	1	072481640
41	7	268	1	072481641
42	8	275	1	072481642
43	9	282	1	072481643
44	10	288	1	072481644
45	10,5	295	1	072481645
46	11	302	1	072481646
47	12	308	1	072481647
48	13	315	1	072481648

CE

S1P FO SR RS

7328A

"top visibility" safety boot made from nitrile PVC. With self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2022

EU	UK	mm		
38	5	253	1	073280638
39	6	260	1	073280639
40	6,5	267	1	073280640
41	7	273	1	073280641
42	8	280	1	073280642
43	9	287	1	073280643
44	10	293	1	073280644
45	10,5	300	1	073280645
46	11	307	1	073280646
47	12	313	1	073280647

CE

S5 SRC

7328N

safety boot made from nitrile PVC. With self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2022

EU	UK	mm		
38	5	253	1	073280838
39	6	260	1	073280839
40	6,5	267	1	073280840
41	7	273	1	073280841
42	8	280	1	073280842
43	9	287	1	073280843
44	10	293	1	073280844
45	10,5	300	1	073280845
46	11	307	1	073280846
47	12	313	1	073280847

CE

S5 SRC

BASIC PLUS

The new range of safety footwear, **Basic Plus**, stands out for both its simple design and its excellent quality/price ratio.
The footwear, provided with a new **dual-density polyurethane outsole**, is completely metal free, based on the composite insole and toe cap, for increased **comfort and lightweightness**.
The range comprises **5 models** made from black leather or suede, in standard, ankle and convenient sandal versions.

7200BP

suede shoe with highly breathable mesh inserts

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	229	1	072000635
36	3,5	236	1	072000636
37	4,5	243	1	072000637
38	5	250	1	072000638
39	6	257	1	072000639
40	6,5	264	1	072000640
41	7	271	1	072000641
42	8	278	1	072000642
44	10	292	1	072000644
43	9	285	1	072000643
45	10,5	299	1	072000645
46	11	306	1	072000646
47	12	313	1	072000647
48	13	320	1	072000648

CE

S1PS FO SR

7201BP

suede sandal with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	229	1	072010635
36	3,5	236	1	072010636
37	4,5	243	1	072010637
38	5	250	1	072010638
39	6	257	1	072010639
40	6,5	264	1	072010640
41	7	271	1	072010641
42	8	278	1	072010642
43	9	285	1	072010643
44	10	292	1	072010644
45	10,5	299	1	072010645
46	11	306	1	072010646
47	12	313	1	072010647
48	13	320	1	072010648

CE

S1PS FO SR

7202BP

leather shoe, smooth-finished, water-repellent

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	229	1	072020635
36	3,5	236	1	072020636
37	4,5	243	1	072020637
38	5	250	1	072020638
39	6	257	1	072020639
40	6,5	264	1	072020640
41	7	271	1	072020641
42	8	278	1	072020642
43	9	285	1	072020643
44	10	292	1	072020644
45	10,5	299	1	072020645
46	11	306	1	072020646
47	12	313	1	072020647
48	13	320	1	072020648

CE

S3S FO SR

7203BP

leather ankle shoe, smooth-finished, water-repellent, with quick opening system

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	229	1	072030635
36	3,5	236	1	072030636
37	4,5	243	1	072030637
38	5	250	1	072030638
39	6	257	1	072030639
40	6,5	264	1	072030640
41	7	271	1	072030641
42	8	278	1	072030642
43	9	285	1	072030643
44	10	292	1	072030644
45	10,5	299	1	072030645
46	11	306	1	072030646
47	12	313	1	072030647
48	13	320	1	072030648

CE

S3S FO SR RS

7204BP

leather ankle shoe, smooth-finished, water-repellent, with quick opening system, front protection and strap closure. Hard-wearing rubber outsole.

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	230	1	072040635
36	3,5	237	1	072040636
37	4,5	244	1	072040637
38	5	251	1	072040638
39	6	258	1	072040639
40	6,5	265	1	072040640
41	7	272	1	072040641
42	8	279	1	072040642
43	9	286	1	072040643
44	10	293	1	072040644
45	10,5	300	1	072040645
46	11	307	1	072040646
47	12	314	1	072040647
48	13	321	1	072040648

CE

S3S FO SR HRO RS

7214G

Action nubuck shoe, water-repellent, with anti-abrasion insert in toe cap area Remarkably flexible and lightweight - approximate weight for size 42: 500 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

SUBJECT TO AVAILABILITY

EN ISO 20345 2011

EU	UK	mm		
35	2,5	228	1	072140235
36	3,5	235	1	072140236
37	4,5	242	1	072140237
38	5	248	1	072140238
39	6	255	1	072140239
40	6,5	262	1	072140240
41	7	268	1	072140241
42	8	275	1	072140242
43	9	282	1	072140243
44	10	288	1	072140244
45	10,5	295	1	072140245
46	11	302	1	072140246
47	12	308	1	072140247
48	13	315	1	072140248

CE

S3 SRC ESD

7218G

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Remarkably flexible and lightweight - approximate weight for size 42: 550 g
Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

SUBJECT TO AVAILABILITY

EN ISO 20345 2011

EU	UK	mm		
35	2,5	228	1	072180135
36	3,5	235	1	072180136
37	4,5	242	1	072180137
38	5	248	1	072180138
39	6	255	1	072180139
40	6,5	262	1	072180140
41	7	268	1	072180141
42	8	275	1	072180142
43	9	282	1	072180143
44	10	288	1	072180144
45	10,5	295	1	072180145
46	11	302	1	072180146
47	12	308	1	072180147
48	13	315	1	072180148

CE

S3 RS SRC ESD

ACTIVE

7316NG

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011

EU	UK	mm		
35	2,5	228	1	073160635
36	3,5	235	1	073160636
37	4,5	242	1	073160637
38	5	248	1	073160638
39	6	255	1	073160639
40	6,5	262	1	073160640
41	7	268	1	073160641
42	8	275	1	073160642
43	9	282	1	073160643
44	10	288	1	073160644
45	10,5	295	1	073160645
46	11	302	1	073160646
47	12	308	1	073160647
48	13	315	1	073160648

CE

S1P SRC ESD

7317NA

suede shoe, perforated, with microfibre reinforcement in heel area

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	228	1	073170135
36	3,5	235	1	073170136
37	4,5	242	1	073170137
38	5	248	1	073170138
39	6	255	1	073170139
40	6,5	262	1	073170140
41	7	268	1	073170141
42	8	275	1	073170142
43	9	282	1	073170143
44	10	288	1	073170144
45	10,5	295	1	073170145
46	11	302	1	073170146
47	12	308	1	073170147
48	13	315	1	073170148

CE

S1PL FO SR

7320NA

microfibre shoe, water-repellent,
with anti-abrasion reinforcement in toe cap area and heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	228	1	073200535
36	3,5	235	1	073200536
37	4,5	242	1	073200537
38	5	248	1	073200538
39	6	255	1	073200539
40	6,5	262	1	073200540
41	7	268	1	073200541
42	8	275	1	073200542
43	9	282	1	073200543
44	10	288	1	073200544
45	10,5	295	1	073200545
46	11	302	1	073200546
47	12	308	1	073200547
48	13	315	1	073200548

CE

S3L FO SR

7321NA

microfibre ankle-shoe, water-repellent,
with quick opening system, anti-abrasion reinforcement in toe cap area and heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	228	1	073210535
36	3,5	235	1	073210536
37	4,5	242	1	073210537
38	5	248	1	073210538
39	6	255	1	073210539
40	6,5	262	1	073210540
41	7	268	1	073210541
42	8	275	1	073210542
43	9	282	1	073210543
44	10	288	1	073210544
45	10,5	295	1	073210545
46	11	306	1	073210546
47	12	308	1	073210547
48	13	315	1	073210548

CE

S3L FO SR RS

7322SA

fabric shoe, highly resistant to abrasion,
with heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	228	1	073220435
36	3,5	235	1	073220436
37	4,5	242	1	073220437
38	5	248	1	073220438
39	6	255	1	073220439
40	6,5	262	1	073220440
41	7	268	1	073220441
42	8	275	1	073220442
43	9	282	1	073220443
44	10	288	1	073220444
45	10,5	295	1	073220445
46	11	302	1	073220446
47	12	308	1	073220447
48	13	315	1	073220448

CE

S3L FO SR

7323SA

fabric ankle shoe, highly resistant to abrasion,
with quick opening system and heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
35	2,5	228	1	073230435
36	3,5	235	1	073230436
37	4,5	242	1	073230437
38	5	248	1	073230438
39	6	255	1	073230439
40	6,5	262	1	073230440
41	7	268	1	073230441
42	8	275	1	073230442
43	9	282	1	073230443
44	10	288	1	073230444
45	10,5	295	1	073230445
46	11	302	1	073230446
47	12	308	1	073230447
48	13	315	1	073230448

CE

S3L FO SR RS

O-GRAVITY

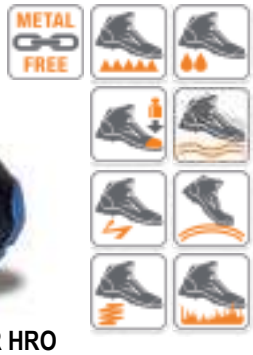
7352B

mesh fabric shoe, highly breathable, with TPU inserts
Heel stability support, stretch slip-on collar
and EVA outsole with durable nitrile rubber tread

• Composite toe cap• Composite fibre penetration-proof insole•
REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
38	5	254	1	073520138
39	6	261	1	073520139
40	6,5	268	1	073520140
41	7	274	1	073520141
42	8	281	1	073520142
43	9	288	1	073520143
44	10	294	1	073520144
45	10,5	301	1	073520145
46	11	308	1	073520146
47	12	314	1	073520147
48	13	321	1	073520148



CE S1PL FO SR HRO

7352G

mesh fabric shoe, highly breathable, with TPU inserts
Heel stability support, traditional lacing, wide fit.
EVA outsole with durable nitrile rubber tread

• Composite toe cap
• Composite fibre penetration proof insole
• REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 grams

EN ISO 20345 2011

EU	UK	mm		
38	5	254	1	073520338
39	6	261	1	073520339
40	6,5	268	1	073520340
41	7	274	1	073520341
42	8	281	1	073520342
43	9	288	1	073520343
44	10	294	1	073520344
45	10,5	301	1	073520345
46	11	308	1	073520346
47	12	314	1	073520347
48	13	321	1	073520348

CE S1P HRO SRC ESD

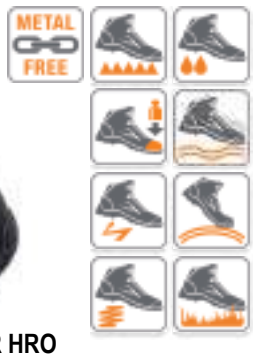
7352LG

women's mesh fabric shoe, highly breathable, with TPU inserts
High-visibility reflective mesh upper
Heel stability support, stretch slip-on collar
and EVA outsole with durable nitrile rubber tread

• Fibreglass toe cap
• Composite fibre penetration proof insole
• REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 390 grams

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
34	2	228	1	073520234
35	2,5	234	1	073520235
36	3,5	241	1	073520236
37	4,5	248	1	073520237
38	5	254	1	073520238
39	6	261	1	073520239
40	6,5	268	1	073520240
41	7	274	1	073520241
42	8	281	1	073520242



CE S1PL FO SR HRO

7354N

mesh fabric shoe, waterproof, with TPU inserts
Heel stability support, stretch slip-on collar and EVA outsole with durable nitrile rubber tread

• Composite toe cap• Composite fibre penetration-proof insole• REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 g

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
38	5	254	1	073540038
39	6	261	1	073540039
40	6,5	268	1	073540040
41	7	274	1	073540041
42	8	281	1	073540042
43	9	288	1	073540043
44	10	294	1	073540044
45	10,5	301	1	073540045
46	11	308	1	073540046
47	12	314	1	073540047
48	13	321	1	073540048

CE S3L FO SR HRO

7356G

microfibre shoe, water-repellent, with TPU inserts
Heel stability support, stretch slip-on collar and EVA sole with durable nitrile rubber tread

• Composite toe cap
• Composite fibre penetration proof insole
• REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
38	5	254	1	073560038
39	6	261	1	073560039
40	6,5	268	1	073560040
41	7	274	1	073560041
42	8	281	1	073560042
43	9	288	1	073560043
44	10	294	1	073560044
45	10,5	301	1	073560045
46	11	308	1	073560046
47	12	314	1	073560047
48	13	321	1	073560048

CE S3L FO SR HRO

7357G

microfibre ankle shoe, water-repellent, with TPU inserts
Heel stability support, stretch slip-on collar and EVA sole with durable nitrile rubber tread

• Composite toe cap
• Composite fibre penetration proof insole
• REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

EN ISO 20345:2022 + A1:2024

EU	UK	mm		
38	5	254	1	073570038
39	6	261	1	073570039
40	6,5	268	1	073570040
41	7	274	1	073570041
42	8	281	1	073570042
43	9	288	1	073570043
44	10	294	1	073570044
45	10,5	301	1	073570045
46	11	308	1	073570046
47	12	314	1	073570047
48	13	321	1	073570048

CE S3L FO SR HRO

7371V

mesh fabric shoe, ultrabreathable.
Heel stability support, traditional lacing, wide fit.
EVA outsole with durable nitrile rubber tread.

• Composite toe cap
• Composite fibre penetration-proof insole
• REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

EN ISO 20345 2022

EU	UK	mm		
38	5	254	1	073710038
39	6	261	1	073710039
40	6,5	268	1	073710040
41	7	274	1	073710041
42	8	281	1	073710042
43	9	288	1	073710043
44	10	294	1	073710044
45	10,5	301	1	073710045
46	11	308	1	073710046
47	12	314	1	073710047
48	13	321	1	073710048

CE S1PS HRO FO SR ESD

7372B

woven fabric shoe, hard-wearing and ultrabreathable. Heel stability support, traditional lacing, wide fit. EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 g

EN ISO 20345 2011

EU	UK			
38	5	254	1	073720038
39	6	261	1	073720039
40	6,5	268	1	073720040
41	7	274	1	073720041
42	8	281	1	073720042
43	9	288	1	073720043
44	10	294	1	073720044
45	10,5	301	1	073720045
46	11	308	1	073720046

CE S1P HRO SRC

7381N

waterproof shoe made from highly abrasion-resistant fabric, with TPU inserts. Heel stability support, traditional lacing, wide fit. EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 500 g

EN ISO 20345 2011

EU	UK			
38	5	254	1	073810038
39	6	261	1	073810039
40	6,5	268	1	073810040
41	7	274	1	073810041
42	8	281	1	073810042
43	9	288	1	073810043
44	10	294	1	073810044
45	10,5	301	1	073810045

CE S3 SRC HRO WR

7382N

waterproof ankle shoe, made from highly abrasion-resistant fabric, with TPU inserts. Heel stability support, traditional lacing, wide fit. EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 550 g

EN ISO 20345 2011

EU	UK			
38	5	254	1	073820038
39	6	261	1	073820039
40	6,5	268	1	073820040
41	7	274	1	073820041
42	8	281	1	073820042
43	9	288	1	073820043
44	10	294	1	073820044
45	10,5	301	1	073820045

CE S3 SRC HRO WR

FitEvolution

The safety footwear range, Beta FitEvolution, comprises **7 uniquely designed models**, available in several different colours and materials. Its revolutionary feature lies in the innovative patented system, **Fit4You**, based on state-of-the-art technology which allows for customized **comfort** and **footwear support** according to height, weight and individual work requirements. **Each pack includes three ETPU inserts – SOFT, MEDIUM and HARD** -, which make it possible to perfectly adapt the footwear to the required degree of softness, providing customized comfort for every situation.

7270Y

FitEVOLUTION mesh fabric shoe, highly breathable, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072700137
38	5	257	1	072700138
39	6	263	1	072700139
40	6,5	269	1	072700140
41	7	276	1	072700141
42	8	282	1	072700142
43	9	290	1	072700143
44	10	296	1	072700144
45	10,5	304	1	072700145
46	11	311	1	072700146
47	12	317	1	072700147
48	13	324	1	072700148

CE S1PS FO SR ESD

7271V

FitEVOLUTION suede shoe, perforated, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072710137
38	5	257	1	072710138
39	6	263	1	072710139
40	6,5	269	1	072710140
41	7	276	1	072710141
42	8	282	1	072710142
43	9	290	1	072710143
44	10	296	1	072710144
45	10,5	304	1	072710145
46	11	311	1	072710146
47	12	317	1	072710147
48	13	324	1	072710148

CE S1PS FO SR ESD

7272V

FitEVOLUTION woven fabric shoe, hard-wearing and highly breathable, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072720137
38	5	257	1	072720138
39	6	263	1	072720139
40	6,5	269	1	072720140
41	7	276	1	072720141
42	8	282	1	072720142
43	9	290	1	072720143
44	10	296	1	072720144
45	10,5	304	1	072720145
46	11	311	1	072720146
47	12	317	1	072720147
48	13	324	1	072720148

CE S1PS FO SR ESD

7273G

FitEVOLUTION nubuck shoe, water-repellent, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072730137
38	5	257	1	072730138
39	6	263	1	072730139
41	7	276	1	072730141
40	6,5	269	1	072730140
42	8	282	1	072730142
43	9	290	1	072730143
44	10	296	1	072730144
45	10,5	304	1	072730145
46	11	311	1	072730146
47	12	317	1	072730147
48	13	324	1	072730148

CE S3S FO SR ESD

7274G

FitEVOLUTION nubuck ankle shoe, water-repellent, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072740237
38	5	257	1	072740238
39	6	263	1	072740239
40	6,5	269	1	072740240
41	7	276	1	072740241
42	8	282	1	072740242
43	9	290	1	072740243
44	10	296	1	072740244
45	10,5	304	1	072740245
46	11	311	1	072740246
47	12	317	1	072740247
48	13	324	1	072740248

CE S3S FO SR ESD

7275N

FitEVOLUTION microfibre shoe, water-repellent, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072750237
38	5	257	1	072750238
39	6	263	1	072750239
40	6,5	269	1	072750240
41	7	276	1	072750241
42	8	282	1	072750242
43	9	290	1	072750243
44	10	296	1	072750244
45	10,5	304	1	072750245
46	11	311	1	072750246
47	12	317	1	072750247
48	13	324	1	072750248

CE S3S FO SR ESD

7276N

FitEVOLUTION microfibre ankle shoe, water-repellent, with patented FIT 4 YOU shoe customization system.
Heel stability support and traditional lacing.
Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO 20345 2022

EU	UK	mm		
37	4,5	251	1	072760237
38	5	257	1	072760238
39	6	263	1	072760239
40	6,5	269	1	072760240
41	7	276	1	072760241
42	8	282	1	072760242
43	9	290	1	072760243
44	10	296	1	072760244
45	10,5	304	1	072760245
46	11	311	1	072760246
47	12	317	1	072760247
48	13	324	1	072760248

CE S3S FO SR ESD

RENEGADE

Model 7340VA is Beta's first shoe fitted with a **quick lacing system.**

The safety footwear range, Renegade, has been designed to provide uncompromising **safety and style**. Renegade matches protection with a captivating, modern appearance. It comprises **6 models** in unique colours and materials, relying on a design inspired by latest generation sports shoes. Enhanced by superior cushioning and remarkable support, Renegade provides comfort all day long. What is more, the wide body - 11 - ensures smooth, comfortable walks, without compressing the foot.
Based on a bold, unconventional style, Renegade is an ideal pick for modern professionals.

7340VA

RENEGADE mesh fabric shoe, highly breathable, with quick ATOP lacing
Heel stability support
EVA outsole with durable nitrile rubber tread
Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
37	4,5	248	1	073400537
38	5	254	1	073400538
39	6	261	1	073400539
40	6,5	268	1	073400540
41	7	274	1	073400541
42	8	281	1	073400542
43	9	288	1	073400543
44	10	294	1	073400544
45	10,5	301	1	073400545
46	11	308	1	073400546
47	12	314	1	073400547
48	13	321	1	073400548

CE S1PS FO SR HRO

7340G

RENEGADE mesh fabric, highly breathable
Heel stability support
EVA outsole with durable nitrile rubber tread
Traditional lacing
Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
37	4,5	248	1	073400637
38	5	254	1	073400638
39	6	261	1	073400639
40	6,5	268	1	073400640
41	7	274	1	073400641
42	8	281	1	073400642
43	9	288	1	073400643
44	10	294	1	073400644
45	10,5	301	1	073400645
46	11	308	1	073400646
47	12	314	1	073400647
48	13	321	1	073400648

CE S1PS FO SR HRO

7341V

RENEGADE woven fabric shoe, hard-wearing and ultrabreathable.
Heel stability support
EVA outsole with durable nitrile rubber tread
Traditional lacing
Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
37	4,5	248	1	073410537
38	5	254	1	073410538
39	6	261	1	073410539
40	6,5	268	1	073410540
41	7	274	1	073410541
42	8	281	1	073410542
43	9	288	1	073410543
44	10	294	1	073410544
45	10,5	301	1	073410545
46	11	308	1	073410546
47	12	314	1	073410547
48	13	321	1	073410548

CE S1PS FO SR HRO

7341Y

RENEGADE woven fabric shoe, hard-wearing and ultrabreathable
Heel stability support
EVA outsole with durable nitrile rubber tread
Traditional lacing
Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
37	4,5	248	1	073410637
38	5	254	1	073410638
39	6	261	1	073410639
40	6,5	268	1	073410640
41	7	274	1	073410641
42	8	281	1	073410642
43	9	288	1	073410643
44	10	294	1	073410644
45	10,5	301	1	073410645
46	11	308	1	073410646
47	12	314	1	073410647
48	13	321	1	073410648

CE S1PS FO SR HRO

7342N

RENEGADE microfibre shoe, water-repellent
Heel stability support
EVA outsole with durable nitrile rubber tread
Traditional lacing
Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
37	4,5	248	1	073420537
38	5	254	1	073420538
39	6	261	1	073420539
40	6,5	268	1	073420540
41	7	274	1	073420541
42	8	281	1	073420542
43	9	288	1	073420543
44	10	294	1	073420544
45	10,5	301	1	073420545
46	11	308	1	073420546
47	12	314	1	073420547
48	13	321	1	073420548

CE S3S FO SR HRO

7343N

RENEGADE microfibre ankle shoe, water-repellent
Heel stability support
EVA outsole with durable nitrile rubber tread
Traditional lacing
Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EN ISO 20345 2022

EU	UK	mm		
37	4,5	248	1	073430537
38	5	254	1	073430538
39	6	261	1	073430539
40	6,5	268	1	073430540
41	7	274	1	073430541
42	8	281	1	073430542
43	9	288	1	073430543
44	10	294	1	073430544
45	10,5	301	1	073430545
46	11	308	1	073430546
47	12	314	1	073430547
48	13	321	1	073430548

CE S3S FO SR HRO

HEAVY DUTY

7293HM

greased full-grain leather shoe, water-repellent,
with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area
and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK	mm		
39	6	263	1	072930639
40	6,5	270	1	072930640
41	7	276	1	072930641
42	8	283	1	072930642
43	9	289	1	072930643
44	10	296	1	072930644
45	10,5	302	1	072930645
46	11	309	1	072930646
47	12	315	1	072930647
48	13	322	1	072930648

CE

S3 HRO HI SRC

7294HM

greased full-grain leather ankle shoe, water-repellent,
with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area
and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK	mm		
39	6	263	1	072940639
40	6,5	270	1	072940640
41	7	276	1	072940641
42	8	283	1	072940642
43	9	289	1	072940643
44	10	296	1	072940644
45	10,5	302	1	072940645
46	11	309	1	072940646
47	12	315	1	072940647
48	13	322	1	072940648

CE

S3 HRO HI SRC

7294HMC

greased full-grain leather ankle shoe, water-repellent,
with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover.
With Tepor membrane, waterproof, windproof, highly breathable

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK	mm		
39	6	263	1	072940739
40	6,5	270	1	072940740
41	7	276	1	072940741
42	8	283	1	072940742
43	9	289	1	072940743
44	10	296	1	072940744
45	10,5	302	1	072940745
46	11	309	1	072940746
47	12	315	1	072940747
48	13	322	1	072940748

CE

S3 HRO HI CI WR SRC

ACCESSORIES

7397S
FIT4YOU inserts, soft

Soft inserts for FitEVOLUTION footwear with patented FIT4YOU system

EU	UK		
39/40	6/6,5	1	073970139
37/38	4,5/5	1	073970137
41/42	7/8	1	073970141
43/44	9/10	1	073970143
45/46	10,5/11	1	073970145
47/48	12/13	1	073970147

7397M
FIT4YOU inserts, medium

Medium inserts for FitEVOLUTION footwear with patented FIT4YOU system

EU	UK		
37/38	4,5/5	1	073970237
39/40	6/6,5	1	073970239
41/42	7/8	1	073970241
43/44	9/10	1	073970243
45/46	10,5/11	1	073970245
47/48	12/13	1	073970247

7397H
FIT4YOU inserts, hard

Hard inserts for FitEVOLUTION footwear with patented FIT4YOU system

EU	UK		
37/38	4,5/5	1	073970337
39/40	6/6,5	1	073970339
41/42	7/8	1	073970341
43/44	9/10	1	073970343
45/46	10,5/11	1	073970345
47/48	12/13	1	073970347

7398 O/G
anatomically shaped underfoot covers made of EVA foam,
with cushioning heel pad
(spare part recommended for 0-Gravity footwear range)

EU	UK		
38	5	1	073981238
39	6	1	073981239
40	6,5	1	073981240
41	7	1	073981241
42	8	1	073981242
43	9	1	073981243
44	10	1	073981244
45	10,5	1	073981245
46	11	1	073981246
47	12	1	073981247
48	13	1	073981248

7398U
anatomically shaped underfoot covers made of TPR GEL with high cushioning effect,
plantar arch support and heel pad

EU	UK		
36/40	3,5/6,5	1	073980058
41/46	7/11	1	073980063

7398UP
anatomically shaped underfoot covers made of citrus-fragrant TPE GEL, with plantar arch support

EU	UK		
36/40	3,5/6,5	1	073980076
41/46	7/11	1	073980081

7398GEL
anatomically shaped underfoot covers with gel insets

EU	UK		
35	2,5	1	073980835
36	3,5	1	073980836
37	4,5	1	073980837
38	5	1	073980838
39	6	1	073980839
40	6,5	1	073980840
41	7	1	073980841
42	8	1	073980842
43	9	1	073980843
44	10	1	073980844
45	10,5	1	073980845
46	11	1	073980846
47	12	1	073980847
48	13	1	073980848

7399 A/N...
pack of 10 pairs of laces

cm		
100	1	073990010
120	1	073990012
140	1	073990017

7421

knee-length socks made from elastic compression terry,
with nylon and cotton reinforcements on toe and heel areas
Soles made from hard-wearing, antimycotic, breathable bamboo fibre

EU	UK		
39/42	6/8	1	074210002
43/46	9/11	1	074210004

7425

ankle-length socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre

EU	UK		
39/42	6/8	1	074250002
43/46	9/11	1	074250004

7426P

maxi sneaker socks made from recycled terry cotton, with terry cotton in sole area and tremor effect in toe and heel areas
2 pairs
colour variants:
grey with black and electric blue inserts
black with electric blue and grey inserts

EU	UK		
43/46	9/11	1	074260102
39/42	6/8	1	074260104

7427

maxi sneaker socks with protective, breathable inserts on shinbone and instep areas.
Nylon and cotton reinforcements on toe and heel areas and soles made from hard-wearing, antimycotic, breathable fibre

EU	UK		
39/42	6/8	1	074270002
43/46	9/11	1	074270004

7430T

sneaker socks made from recycled cotton, with tremor-effect terry cloth in toe and heel areas
3 pairs
colour variants:
melange grey with black and bordeaux inserts
black with grey inserts
melange grey with black inserts

EU	UK		
43/46	9/11	1	074300202
39/42	6/8	1	074300204

7431P

two pairs of sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas

Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre. One pair in black/orange colour and one pair in black/grey colour.

EU	UK		
39/42	6/8	1	074310102
43/46	9/11	1	074310104

WORKWEAR

Over the years the workwear line has gained confidence and popularity among the most demanding professionals.
The success of the product has translated into the ongoing development and expansion of the range.

The items of clothing produced by Beta Utensili S.p.a. comply with the following standard: **EN ISO 13688:2013**

Personal protective equipment protects the user from limited physical hazards, including small abrasions, sunbeams, wind, cold, non-harmful powders and dirt from nontoxic materials. Such protection is related to the first category of Italian Parliamentary Bill n°. 475 of 04/12/1992.

USE AND STORAGE INSTRUCTIONS

The garment should be worn correctly, so that it can protect the user's body parts. It should be stored in a cool, dry place, in its original packaging, away from heat sources, sunlight, dust and adverse weather.

SHRINKAGE

All natural fibres shrink after being washed. The degree of shrinkage may range from 1% to 5%, depending on several parameters, which include the type of fibres and the temperature of water.

SEASONAL PRODUCTS

In order to ensure that the most appropriate articles are available at any moment of the year, our workwear collection has been divided into three seasonal lines:

SPRING-SUMMER: Available from March to September, it comprises lightweight, breathable items.

AUTUMN-WINTER: Available from September to March, it comprises warm, hard-wearing garments, perfect for withstanding harsh temperatures.

ALL-SEASON Suitable for wearing throughout the year, this line comprises versatile, practical items, synonymous with unparalleled comfort in any season.

Each line blends quality with convenience and design, to answer the particular needs arising from every period of the year.

SIZE CORRESPONDENCE

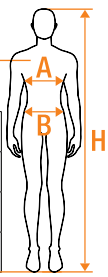
MEN'S CLOTHING

	I	F	D	E	UK	USA
XS	46	38	42	40	30	32
S	48	40	44	42	32	34
M	50	42	46	44	34	36
L	52	44	48	46	36	38
XL	54	46	50	48	38	40
2XL	56	48	52	50	40	42
3XL	58	50	54	52	42	44
4XL	60	52	56	54	44	46
5XL	62	54	58	56	46	48

WOMEN'S CLOTHING

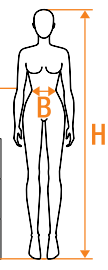
	I	F	D	E	UK	USA
XS	38	34	32	34	6	2
S	40	36	34	36	8	4
M	42	38	36	38	10	6
L	44	40	38	40	12	8
XL	46	42	40	42	14	10
2XL	48	44	42	44	16	12
3XL	50	46	44	46	18	14

ANATOMICAL SIZES EN ISO 13688:2013



MEN'S CLOTHING

	XS	S	M	L	XL	2XL	3XL	4XL	5XL
A	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140	140-148
B	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120	120-128
H	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206	206-212



WOMEN'S CLOTHING

	XS	S	M	L	XL	2XL	3XL
B	72-77	77-82	82-87	87-93	93-99	99-105	105-111
H	162-165	164-167	168-171	170-173	172-175	174-177	176-179

TOP line
The new Top Line has been specially designed for those seeking **comfort, functionality and style**.
The line includes items synonymous with modern design and the greatest care for detail: versatile jackets, hard-wearing, breathable sweatshirts and fleece sweaters, and multipocket trousers allowing for freedom of movement in every situation, based on the 4-way stretch fabric.
Every single item has been designed to be easily combined with the others, thus allowing professional, matching outfits to be created.

GRAPHENE line
The Graphene line has been designed to make the most of the outstanding properties of graphene.
The items that incorporate this revolutionary material stand out for the following:
- ANTIBACTERIAL AND ANTI-ODOUR PROPERTIES: they prevent the proliferation of the bacteria that contribute to bad smells;
- LIGHTWEIGHTNESS: since graphene is an extremely thin, lightweight material, they are both soft and comfortable;
- TEMPERATURE REGULATION: they dynamically adapt to climatic conditions, dissipating heat on hot days and retaining it on cold days;
- BREATHABILITY: they allow for optimal ventilation and dispersion of body humidity;
- STRENGTH: they are remarkably durable.

COTTON line
The Cotton line comprises hard-wearing items made from cotton, a natural, anallergic fibre which ensures **softness and breathability**.
The addition of a small percentage of elastane also provides **elasticity**, for increased comfort.

STRETCH line
The Stretch line includes **lightweight** items with Ripstop reinforced fabric, which stands out for its **tear resistance**.
These items ensure unequalled freedom of movement.

TREKKING LIGHT line
The Trekking line includes practical trousers and Bermuda shorts made from stretch fabric and enhanced by **innovative design, as inspired by mountain clothing**.
The trousers are available in both the 'LIGHT' (165 g/m^2) and 'HEAVY' (265 g/m^2) versions.

EASY line
The Easy line comprises items synonymous with an **excellent quality/price ratio**.
Most of the items are available in two versions, namely a lighter one (180 g/m^2) and a heavier one (260 g/m^2).

GUIDE TO CHOOSING CLOTHING - PRICE LIST 2026

Category	Item Number	Line	Page	Colour	Recommended combinations (same fabric and colour as trousers)									
					Bermuda shorts	Page	Bib&braces	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page
WORK TROUSERS, LIGHTWEIGHT	**7610G**	Trekking	596		**7611G**	599								
	7610N		596											
	7660B		596		**7661B**	599								
	7570NG	Top Line	595		**7571NG**	599								
	7820SG	Stretch	598		**7821SG**	600								
	7860G	Beta Easy	598		**7861G**	600	**7863G**	601	**7865G**	601	**7867G**	603	**7869G**	602
	7860B		598		**7861B**	600								
	7930MG	Cotton	599		**7931MG**	600			**7935MG**	602	**7937MG**	603		
WORK TROUSERS, 4 SEASONS	**7600G**	Trekking	595											
	7600N		596											
	7640GG	Graphene	596											
	7560NG	Top Line	595											
	7650B		596											
	7818BL		597											
	7818CM		597		**7815CM**	600								
	7818G		597											
	7819G		597											
	7830SN	Stretch	597		**7831SN**	600								
	7840BL	Beta Easy	598										**7849BL**	602
	7850G		598											
	7900G	Beta Easy	598				**7903G**	601	**7905G**	601	**7907G**	603	**7909G**	602
	7818LN	Lady	597											

GUIDE TO CHOOSING CLOTHING - PRICE LIST 2026

Category	Item Number	Line	Page	Colour	Recommended combinations (same fabric and colour as trousers)									
					Bermuda shorts	Page	Bib&braces	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page
WORK JEANS	7528		595		7529	599								
	7527		595											
POLO SHIRTS	7552BL		606		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7552G		606											
	7552N		607											
T-SHIRT	7548D		606		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7548T		606											
	7553BL		607											
	7553G		607											
	7553N		607											
	7553V		607											
	7550G	37.5	606											
	7550N		606											
SHIRTS	7545F		606											
SWEATSHIRTS	7637G		605		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7637B		605											
	7642G		605											
	7643G		605											
	7644GG	Graphene	605											
	7565NG	Top Line	605											
	7566NG		605											
FLEECE/ MICROFLEECE PULLOVERS	7636N		605		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7563N	Top Line	604											
	7564N		604											
	7657B		606											
SLEEVELESS JACKETS	7647GG	Graphene	602		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
JACKETS AND SOFTSHELLS	7648GG	Graphene	603		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7658CM		603											
	7659N		604											
	7669N		604											
PADDED JACKETS	7569NG	Top Line	603		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7679GG	Graphene	604											
	7750N		604											

GUIDE TO CHOOSING CLOTHING - PRICE LIST 2026

Category	Item Number	Item type	Page	Colour	Recommended combinations (same fabric and colour as trousers)									
					Bermuda shorts	Page	Bib&braces	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page
RAINPROOF CLOTHING	7971B	Trousers	607										7978B	607
	7981N	Rainproof hat	608											
ACCESSORIES	7980RN	Cap	608		MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS									
	7980L	Cap with light	608											
	7982N	Cap	608											
	7984G	Belt	609											
	7985N	Snood	609											
	7996N	Technical underwear set	608											
	7997GN	Technical stretch undershirt	608											
	7998GN	Technical stretch underpants	608											

PANTS

7527

work jeans,
made from 70% cotton, 27% polyester and 3% stretch fabric
Regular fit

	IT		
XS	46	1	075270046
S	48	1	075270048
M	50	1	075270050
L	52	1	075270052
XL	54	1	075270054
2XL	56	1	075270056

7528

stretch work jeans trousers,
98% cotton, 2% stretch fabric,
slim fit

	IT		
XS	46	1	075280046
S	48	1	075280048
M	50	1	075280050
L	52	1	075280052
XL	54	1	075280054
2XL	56	1	075280056
3XL	58	1	075280058

7560NG

4WayStretch work trousers, multipocket style,
90% polyester, 10% spandex, 240 g/m²
Knee pad pockets, reinforced pockets and leg bottoms, stretch waist
Anthracite grey/black
Slim fit

	IT		
XS	46	1	075600000
S	48	1	075600001
M	50	1	075600002
L	52	1	075600003
XL	54	1	075600004
2XL	56	1	075600005
3XL	58	1	075600006

7570NG

stretch work trousers, multipocket style,
4-Way-Stretch fabric, 94% polyester, 6% spandex, 140 g/m²,
knee pad pockets, reinforced pockets,
stretch waist,
anthracite grey, with black inserts,
slim fit

	IT		
XS	46	1	075700000
S	48	1	075700001
M	50	1	075700002
L	52	1	075700003
2XL	56	1	075700005
XL	54	1	075700004
3XL	58	1	075700006

7600G

"work trekking" trousers, HEAVY,
90% nylon, 10% stretch fabric, 265 g/m²,
reinforced fabric on knees and back, stretch leg bottoms with vertical zip closure
Dark grey, with fluorescent green details
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076000000
S	48	1	076000001
M	50	1	076000002
L	52	1	076000003
XL	54	1	076000004
2XL	56	1	076000005
3XL	58	1	076000006

7600N

"work trekking" trousers, HEAVY
90% nylon, 10% stretch fabric, 265 g/m²,
reinforced fabric on knees and back, stretch leg bottoms with vertical zip closure
Black with fluorescent green details
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076000100
S	48	1	076000101
M	50	1	076000102
L	52	1	076000103
XL	54	1	076000104
2XL	56	1	076000105
3XL	58	1	076000106

7610G

"work trekking" trousers, LIGHT
90% nylon, 10% stretch fabric, 140 g/m²,
reinforced fabric on knees and back, stretch leg bottoms and drawstring
Dark grey with yellow details
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076100000
S	48	1	076100001
M	50	1	076100002
L	52	1	076100003
XL	54	1	076100004
2XL	56	1	076100005
3XL	58	1	076100006

7610N

"work trekking" trousers, LIGHT
90% nylon, 10% stretch fabric, 140 g/m²,
reinforced fabric on knees and back, stretch leg bottoms and drawstring
Black with yellow details
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076100100
S	48	1	076100101
M	50	1	076100102
L	52	1	076100103
XL	54	1	076100104
2XL	56	1	076100105
3XL	58	1	076100106

7640GG

stretch work trousers, multipocket style,
90% nylon with graphene, 10% spandex,
250 g/m²,
reinforced with 600D Oxford polyester, grey
Temperature-regulating, water-repellent and quick drying
Slim fit

	IT		
XS	46	1	076400010
S	48	1	076400011
M	50	1	076400012
L	52	1	076400013
XL	54	1	076400014
2XL	56	1	076400015
3XL	58	1	076400016

7650B

stretch work trousers, multipocket style,
90% nylon - 10% spandex, 260 g/m², blue
Knee pad pockets, rear pockets and leg bottoms reinforced in polyester 600D, tearproof crotch

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076500100
S	48	1	076500101
M	50	1	076500102
L	52	1	076500103
XL	54	1	076500104
2XL	56	1	076500105
3XL	58	1	076500106

7660B

stretch work trousers, lightweight, multipocket style,
86% nylon - 14% spandex, 140 g/m², blue
Knee pad pockets, rear pockets reinforced in polyester 300D, tearproof crotch
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076600100
S	48	1	076600101
M	50	1	076600102
L	52	1	076600103
XL	54	1	076600104
2XL	56	1	076600105
3XL	58	1	076600106

7818G

work trousers, multipocket style, in T/C canvas, 260 g/m², grey
Knee pad pockets and bottom legs reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements

CE

	IT		
XS	46	1	078180000
S	48	1	078180001
M	50	1	078180002
L	52	1	078180003
XL	54	1	078180004
2XL	56	1	078180005
3XL	58	1	078180006

7818BL

work trousers, multipocket style, in T/C canvas, 260 g/m², blue
With stretch fabric insert in inside leg
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements

SUBJECT TO AVAILABILITY

CE

	IT		
XS	46	1	078180100
S	48	1	078180101
M	50	1	078180102
L	52	1	078180103
XL	54	1	078180104
2XL	56	1	078180105
3XL	58	1	078180106

7818CM

work trousers, multipocket style, made from T/C canvas, 260 g/m², camouflage grey
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric inserts in inside leg and in lumbar region for easier movements

SUBJECT TO AVAILABILITY

CE

	IT		
XS	46	1	078180300
S	48	1	078180301
M	50	1	078180302
L	52	1	078180303
XL	54	1	078180304
2XL	56	1	078180305
3XL	58	1	078180306

7818LN

women's work trousers, multipocket style, black with pink details,
100% stretch cotton, 220 g/m²
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg for easier movements

CE

lady

	IT		
XS	38	1	078180200
S	40	1	078180201
M	42	1	078180202
L	44	1	078180203
XL	46	1	078180204
2XL	48	1	078180205
3XL	50	1	078180206

7819G

work trousers, multipocket style, with detachable flying pockets, T/C canvas, 260 g/m², grey
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric inserts in inside legs and lumbar region for easier movements

SUBJECT TO AVAILABILITY

CE

	IT		
XS	46	1	078190000
S	48	1	078190001
M	50	1	078190002
L	52	1	078190003
XL	54	1	078190004
2XL	56	1	078190005
3XL	58	1	078190006

7830SN

stretch work trousers,
in T/C twill, 200 g/m², black
Slim fit, tearproof crotch and stretch waistband on sides

SUBJECT TO AVAILABILITY

CE

	IT		
XS	46	1	078300100
S	48	1	078300101
M	50	1	078300102
L	52	1	078300103
XL	54	1	078300104
2XL	56	1	078300105
3XL	58	1	078300106

7820SG

stretch work trousers, multipocket style,
39% cotton, 61% polyester, in mechanical stretch ripstop fabric, 170 g/m², grey
Knee pad pockets and stretch waistband on sides
Regular fit

	IT		
XS	46	1	078200100
S	48	1	078200101
M	50	1	078200102
L	52	1	078200103
XL	54	1	078200104
2XL	56	1	078200105
3XL	58	1	078200106

7840BL

work trousers, T/C twill, 245 g/m², blue
Stretch waistband on sides

	IT		
XS	46	1	078400100
S	48	1	078400101
M	50	1	078400102
L	52	1	078400103
XL	54	1	078400104
2XL	56	1	078400105
3XL	58	1	078400106
4XL	60	1	078400107

7850G

cargo work trousers,
100% cotton, 240 g/m²,
stretch waistband on sides and large side pockets with reflex inserts,
grey with fluorescent green details
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	078500100
S	48	1	078500101
M	50	1	078500102
L	52	1	078500103
XL	54	1	078500104
2XL	56	1	078500105
3XL	58	1	078500106
4XL	60	1	078500107

7860B

work trousers, lightweight,
made from T/C twill, 180 g/m², with Oxford inserts, blue

	IT		
XS	46	1	078600700
S	48	1	078600701
M	50	1	078600702
L	52	1	078600703
XL	54	1	078600704
2XL	56	1	078600705
3XL	58	1	078600706
4XL	60	1	078600707
5XL	62	1	078600708

7860G

work trousers, lightweight,
in T/C twill, 180 g/m², with Oxford inserts,
grey
New design - Improved fit

	IT		
XS	46	1	078600800
S	48	1	078600801
M	50	1	078600802
L	52	1	078600803
XL	54	1	078600804
2XL	56	1	078600805
3XL	58	1	078600806
4XL	60	1	078600807
5XL	62	1	078600808

7900G

work trousers,
in T/C canvas, 260 g/m², with Oxford inserts,
grey
New design - Improved fit

	IT		
XS	46	1	079000800
S	48	1	079000801
M	50	1	079000802
L	52	1	079000803
XL	54	1	079000804
2XL	56	1	079000805
3XL	58	1	079000806
4XL	60	1	079000807

7930MG

work trousers, multipocket style, 97% cotton, 3% stretch fabric, 220 g/m², grey

	IT		
XS	46	1	079300400
S	48	1	079300401
M	50	1	079300402
L	52	1	079300403
XL	54	1	079300404
2XL	56	1	079300405
3XL	58	1	079300406

BERMUDA

7529

stretch work jeans bermuda shorts, 98% cotton, 2% stretch fabric, slim fit

	IT		
XS	46	1	075290046
S	48	1	075290048
M	50	1	075290050
L	52	1	075290052
XL	54	1	075290054
2XL	56	1	075290056
3XL	58	1	075290058

7571NG

stretch work Bermuda shorts, multipocket style
4-Way-Stretch fabric, 94% polyester, 6% spandex, 140 g/m²,
reinforced pockets, stretch waist,
anthracite grey, with black inserts,
slim fit

	IT		
XS	46	1	075710000
S	48	1	075710001
M	50	1	075710002
L	52	1	075710003
XL	54	1	075710004
2XL	56	1	075710005
3XL	58	1	075710006

7611G

"work trekking" Bermuda shorts, LIGHT
90% nylon, 10% stretch fabric, 140 g/m²,
reinforced fabric on back.
Dark grey with yellow details
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076110000
S	48	1	076110001
M	50	1	076110002
L	52	1	076110003
XL	54	1	076110004
2XL	56	1	076110005
3XL	58	1	076110006

7661B

stretch work Bermuda shorts, lightweight, multipocket style,
86% nylon - 14% spandex, 140 g/m², blue
Rear pockets reinforced in polyester 300D, tearproof crotch
Slim fit

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076610100
S	48	1	076610101
M	50	1	076610102
L	52	1	076610103
XL	54	1	076610104
2XL	56	1	076610105
3XL	58	1	076610106

7815CM

work Bermuda shorts, multipocket style, made from T/C canvas, 260 g/m², camouflage grey, tearproof crotch and stretch fabric inserts in inside leg and in lumbar region for easier movements

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	078150300
S	48	1	078150301
M	50	1	078150302
L	52	1	078150303
XL	54	1	078150304
2XL	56	1	078150305
3XL	58	1	078150306

7831SN

Stretch Bermuda shorts, in T/C twill, 200 g/m², black
Slim fit, tearproof crotch and stretch waistband on sides

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	078310100
S	48	1	078310101
M	50	1	078310102
L	52	1	078310103
XL	54	1	078310104
2XL	56	1	078310105
3XL	58	1	078310106

7821SG

stretch work Bermuda shorts, multipocket style,
39% cotton, 61% polyester, in mechanical stretch ripstop fabric, 170 g/m², and stretch waistband on sides
Regular fit

	IT		
XS	46	1	078210100
S	48	1	078210101
M	50	1	078210102
L	52	1	078210103
XL	54	1	078210104
2XL	56	1	078210105
3XL	58	1	078210106

7861G

work Bermuda shorts, lightweight, in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

	IT		
XS	46	1	078610800
S	48	1	078610801
M	50	1	078610802
L	52	1	078610803
XL	54	1	078610804
2XL	56	1	078610805
3XL	58	1	078610806
4XL	60	1	078610807
5XL	62	1	078610808

7861B

work bermuda shorts, lightweight, made from T/C twill, 180 g/m², with Oxford inserts, blue

	IT		
XS	46	1	078610700
S	48	1	078610701
M	50	1	078610702
L	52	1	078610703
XL	54	1	078610704
2XL	56	1	078610705
3XL	58	1	078610706
4XL	60	1	078610707
5XL	62	1	078610708

7931MG

work bermuda shorts, 97% cotton, 3% stretch fabric, 220 g/m², grey

	IT		
XS	46	1	079310400
S	48	1	079310401
M	50	1	079310402
L	52	1	079310403
XL	54	1	079310404
2XL	56	1	079310405
3XL	58	1	079310406

OVERALLS

7863G

work bib and brace overalls, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

CE

EASY LIGHT

	IT		
XS	46	1	078630800
S	48	1	078630801
M	50	1	078630802
L	52	1	078630803
XL	54	1	078630804
2XL	56	1	078630805
3XL	58	1	078630806
4XL	60	1	078630807
5XL	62	1	078630808

7903G

work bib and brace overalls,
in T/C canvas, 260 g/m², with Oxford inserts, grey
New design - Improved fit

CE

EASY

	IT		
XS	46	1	079030800
S	48	1	079030801
M	50	1	079030802
L	52	1	079030803
XL	54	1	079030804
2XL	56	1	079030805
3XL	58	1	079030806
4XL	60	1	079030807

7865G

work overalls, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

CE

EASY LIGHT

	IT		
XS	46	1	078650800
S	48	1	078650801
M	50	1	078650802
L	52	1	078650803
XL	54	1	078650804
2XL	56	1	078650805
3XL	58	1	078650806
4XL	60	1	078650807
5XL	62	1	078650808

7905G

work overalls
in T/C canvas, 260 g/m², with Oxford inserts, grey
New design - Improved fit

CE

EASY

	IT		
XS	46	1	079050800
S	48	1	079050801
M	50	1	079050802
L	52	1	079050803
XL	54	1	079050804
2XL	56	1	079050805
3XL	58	1	079050806
4XL	60	1	079050807

7935MG

work overalls, 97% cotton, 3% stretch fabric, 220 g/m², grey

	IT		
XS	46	1	079350400
S	48	1	079350401
M	50	1	079350402
L	52	1	079350403
XL	54	1	079350404
2XL	56	1	079350405
3XL	58	1	079350406

7849BL

work jacket, T/C twill, 245 g/m², blue
Stretch waistband

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	078490100
S	48	1	078490101
M	50	1	078490102
L	52	1	078490103
XL	54	1	078490104
2XL	56	1	078490105
3XL	58	1	078490106
4XL	60	1	078490107

7869G

work jacket, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

	IT		
XS	46	1	078690800
S	48	1	078690801
M	50	1	078690802
L	52	1	078690803
XL	54	1	078690804
2XL	56	1	078690805
3XL	58	1	078690806
4XL	60	1	078690807
5XL	62	1	078690808

7909G

work jacket,
in T/C canvas, 260 g/m², with Oxford inserts, grey
New design - Improved fit

	IT		
XS	46	1	079090800
S	48	1	079090801
M	50	1	079090802
L	52	1	079090803
XL	54	1	079090804
2XL	56	1	079090805
3XL	58	1	079090806
4XL	60	1	079090807

7647GG

sleeveless softshell work jacket,
outer fabric: 96% polyester, 4% spandex, 280 g/m²; inner fabric: 100% polyester with graphene,
grey/black
Temperature-regulating, water-repellent and breathable

	IT		
XS	46	1	076470010
S	48	1	076470011
M	50	1	076470012
L	52	1	076470013
XL	54	1	076470014
2XL	56	1	076470015
3XL	58	1	076470016

7867G

sleeveless work jacket, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

	IT		
XS	46	1	078670800
S	48	1	078670801
M	50	1	078670802
L	52	1	078670803
XL	54	1	078670804
2XL	56	1	078670805
3XL	58	1	078670806
4XL	60	1	078670807
5XL	62	1	078670808

7907G

sleeveless work jacket,
in T/C canvas, 260 g/m², with Oxford inserts, grey
New design - Improved fit

	IT		
XS	46	1	079070800
S	48	1	079070801
M	50	1	079070802
L	52	1	079070803
XL	54	1	079070804
2XL	56	1	079070805
3XL	58	1	079070806
4XL	60	1	079070807

7937MG

sleeveless work jacket, 97% cotton, 3% stretch fabric, 220 g/m², grey

	IT		
XS	46	1	079370400
S	48	1	079370401
M	50	1	079370402
L	52	1	079370403
XL	54	1	079370404
2XL	56	1	079370405
3XL	58	1	079370406

JACKETS

7569NG

3-in-1 jacket, waterproof,
outer shell in 100% polyester with waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 3,000 mvp),
inner vest in 100% nylon and 100% polyester padding, 100 g/m²,
with detachable hood,
black

	IT		
XS	46	1	075690000
S	48	1	075690001
M	50	1	075690002
L	52	1	075690003
XL	54	1	075690004
2XL	56	1	075690005
3XL	58	1	075690006

76486G

softshell work jacket, 96% polyester, 4% spandex, 310 g/m²
Inner material: bonded fleece - 100% polyester with graphene
With detachable hood
Temperature-regulating, with waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 5,000 mvp)
Grey/black

	IT		
XS	46	1	076480010
S	48	1	076480011
M	50	1	076480012
L	52	1	076480013
XL	54	1	076480014
2XL	56	1	076480015
3XL	58	1	076480016

7658CM

softshell jacket, 94% polyester, 6% spandex, 290 g/m², camouflage grey
With waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 8,000 mvp)

SUBJECT TO AVAILABILITY

	IT		
S	48	1	076580101
M	50	1	076580102
L	52	1	076580103
XL	54	1	076580104
2XL	56	1	076580105
3XL	58	1	076580106

7659N

softshell jacket, 94% polyester, 6% spandex, 290 g/m², with detachable hood and sleeves, black
With waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 8,000 mvp)

SUBJECT TO AVAILABILITY

	IT		
S	48	1	076590001
M	50	1	076590002
L	52	1	076590003
XL	54	1	076590004
2XL	56	1	076590005
3XL	58	1	076590006

7669N

stretch work jacket, lightweight, multipocket style, 86% nylon, 14% spandex, 140 g-m2, black
With detachable sleeves and retractable hood. Water-resistant, wind-stopping

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076690000
S	48	1	076690001
M	50	1	076690002
L	52	1	076690003
XL	54	1	076690004
2XL	56	1	076690005
3XL	58	1	076690006

7679GG

work jacket with graphene padding, 80 g/m².
Front and back: 100% 75D polyester
Sides and sleeves: 96% polyester, 4% spandex
Temperature-regulating, waterproof, windproof and breathable (resistance to water columns up to 8,000 mm - breathability 5,000 mvp)
Grey/black

	IT		
XS	46	1	076790010
S	48	1	076790011
M	50	1	076790012
L	52	1	076790013
XL	54	1	076790014
2XL	56	1	076790015
3XL	58	1	076790016

7750N

work bomber jacket, multipocket style, 100% polyester, 100% polyester padding, 120 g/m², black

	IT		
XS	46	1	077500000
S	48	1	077500001
M	50	1	077500002
L	52	1	077500003
XL	54	1	077500004
2XL	56	1	077500005
3XL	58	1	077500006
4XL	60	1	077500007

7563N

grid microfleece sweater, short-zipped, 100% polyester, 180 g/m², Stretch sleeve bottoms and waist, black

	IT		
XS	46	1	075630000
S	48	1	075630001
M	50	1	075630002
L	52	1	075630003
XL	54	1	075630004
2XL	56	1	075630005
3XL	58	1	075630006

7564N

fleece jacket, long-zipped, multipocket style, 100% polyester, 250 g/m², Stretch sleeve bottoms and waist, black

	IT		
XS	46	1	075640000
S	48	1	075640001
M	50	1	075640002
L	52	1	075640003
XL	54	1	075640004
2XL	56	1	075640005
3XL	58	1	075640006

7565NG

sweatshirt, long-zipped,
60% cotton, 40% polyester, 280 g/m²,
Stretch sleeve bottoms and waist,
black

	IT		
3XL	58	1	075650406
2XL	56	1	075650405
XL	54	1	075650404
L	52	1	075650403
M	50	1	075650402
S	48	1	075650401
XS	46	1	075650400

7566NG

hoodie, long-zipped,
60% cotton, 40% polyester, 280 g/m²,
Stretch sleeve bottoms and waist,
black

	IT		
XS	46	1	075660400
S	48	1	075660401
M	50	1	075660402
L	52	1	075660403
XL	54	1	075660404
2XL	56	1	075660405
3XL	58	1	075660406

7636N

microfleece sweater, short-zipped, 180 g/m²
black with reflex details

	IT		
XS	46	1	076360500
S	48	1	076360501
M	50	1	076360502
L	52	1	076360503
XL	54	1	076360504
2XL	56	1	076360505
3XL	58	1	076360506

7637B

technical hoodie, long-zipped, 250 g/m²
100% polyester fleece, with 100D softshell fabric inserts, bonded fleece, 270 g/m²
blue/black

	IT		
XS	46	1	076370100
S	48	1	076370101
M	50	1	076370102
L	52	1	076370103
XL	54	1	076370104
2XL	56	1	076370105
3XL	58	1	076370106

7637G

technical sweatshirt, long-zipped, 250 g/m²,
with hood
fleece, 100% polyester, with inserts made from softshell fabric 100D, with bound fleece, 270 g/m²
melange grey/black

	IT		
XS	46	1	076370000
S	48	1	076370001
M	50	1	076370002
L	52	1	076370003
XL	54	1	076370004
2XL	56	1	076370005
3XL	58	1	076370006

7642G

crew-neck sweatshirt, 240 g/m²,
60% cotton, 40% polyester,
melange grey, black inserts

	IT		
XS	46	1	076420000
S	48	1	076420001
M	50	1	076420002
L	52	1	076420003
XL	54	1	076420004
2XL	56	1	076420005
3XL	58	1	076420006

7643G

sweatshirt, short-zipped, 80% cotton, 20% polyester, 280 g/m², anthracite/light grey

	IT		
XS	46	1	076430000
S	48	1	076430001
M	50	1	076430002
L	52	1	076430003
XL	54	1	076430004
2XL	56	1	076430005
3XL	58	1	076430006

7644GG

stretch sweatshirt, long-zipped, 280 g/m²,
60% cotton, 40% polyester with graphene
grey
Temperature-regulating, breathable, easy care

	IT		
XS	46	1	076440010
S	48	1	076440011
M	50	1	076440012
L	52	1	076440013
XL	54	1	076440014
2XL	56	1	076440015
3XL	58	1	076440016

7657B

stretch fleece sweater, long-zipped, 280 g/m², blue
95% polyester, 5% spandex

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	076570100
S	48	1	076570101
M	50	1	076570102
L	52	1	076570103
XL	54	1	076570104
2XL	56	1	076570105
3XL	58	1	076570106

7545F

flannel check work shirt,
made from 100% cotton, 190 g/m²

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	075450200
S	48	1	075450201
M	50	1	075450202
L	52	1	075450203
XL	54	1	075450204
2XL	56	1	075450205
3XL	58	1	075450206

7548D

t-shirt with graffiti style print, 100% cotton, 150 g/m², black

	IT		
XS	46	1	075480600
S	48	1	075480601
M	50	1	075480602
L	52	1	075480603
XL	54	1	075480604
2XL	56	1	075480605
3XL	58	1	075480606

7548T

t-shirt with modern print, 100% cotton, 150 g/m², black

	IT		
XS	46	1	075480700
S	48	1	075480701
M	50	1	075480702
L	52	1	075480703
XL	54	1	075480704
2XL	56	1	075480705
3XL	58	1	075480706

7550G

technical work t-shirt, made from polyester, 120 g/m²,
with 37.5® technology,
grey with black, orange and reflex details

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	075500400
S	48	1	075500401
M	50	1	075500402
L	52	1	075500403
XL	54	1	075500404
2XL	56	1	075500405
3XL	58	1	075500406

7550N

technical work t-shirt, made from polyester, 120 g/m²
with 37.5® technology,
black with grey, orange and reflex details

SUBJECT TO AVAILABILITY

	IT		
XS	46	1	075500500
S	48	1	075500501
M	50	1	075500502
L	52	1	075500503
XL	54	1	075500504
2XL	56	1	075500505
3XL	58	1	075500506

7552BL

three-button work polo shirt, made from piqué cotton, 200 g/m3, blue

	IT		
XS	46	2	075520300
S	48	2	075520301
M	50	2	075520302
L	52	2	075520303
XL	54	2	075520304
2XL	56	2	075520305
3XL	58	2	075520306

7552G

three-button work polo shirt, made from piqué cotton, 200 g/m², melange grey

	IT		
XS	46	2	075520400
S	48	2	075520401
M	50	2	075520402
L	52	2	075520403
XL	54	2	075520404
2XL	56	2	075520405
3XL	58	2	075520406

7552N

three-button work polo shirt, made from piqué cotton, 200 g/m², black

	IT		
XS	46	2	075520500
S	48	2	075520501
M	50	2	075520502
L	52	2	075520503
XL	54	2	075520504
2XL	56	2	075520505
3XL	58	2	075520506

7553BL

work t-shirt, made from jersey cotton, 150 g/m², blue

	IT		
XS	46	5	075530300
S	48	5	075530301
M	50	5	075530302
L	52	5	075530303
XL	54	5	075530304
2XL	56	5	075530305
3XL	58	5	075530306

7553G

work t-shirt, made from jersey cotton, 150 g/m², melange grey

	IT		
XS	46	5	075530400
S	48	5	075530401
M	50	5	075530402
L	52	5	075530403
XL	54	5	075530404
2XL	56	5	075530405
3XL	58	5	075530406

7553N

work t-shirt work, made from jersey cotton, 150 g/m², black

	IT		
XS	46	5	075530500
S	48	5	075530501
M	50	5	075530502
L	52	5	075530503
XL	54	5	075530504
2XL	56	5	075530505
3XL	58	5	075530506

7553V

work t-shirt made from jersey cotton, 150 g/m², sage green

	IT		
XS	46	5	075530600
S	48	5	075530601
M	50	5	075530602
L	52	5	075530603
XL	54	5	075530604
2XL	56	5	075530605
3XL	58	5	075530606

7971B

rain overtrousers, waterproof, made from PVC-coated polyester with thermo-taped seams, blue,
resistance to water columns up to 2,000 mm
With stretch waistband and adjustable press stud leg bottoms

CE

EN 343

	IT		
XS	46	1	079710200
S	48	1	079710201
M	50	1	079710202
L	52	1	079710203
XL	54	1	079710204
2XL	56	1	079710205
3XL	58	1	079710206

7978B

rain jacket, waterproof, made from PVC-coated polyester, with fixed hood and thermo-taped seams, blue,
resistance to water columns up to 2,000 mm
With adjustable press stud sleeves

CE

EN 343

	IT		
XS	46	1	079780200
S	48	1	079780201
M	50	1	079780202
L	52	1	079780203
XL	54	1	079780204
2XL	56	1	079780205
3XL	58	1	079780206

7996N

technical underwear set - technical undershirt, long-sleeved + technical underpants, 92% polyester, 8% spandex, 160 g/m², black

	IT		
XS-S	46-48	1	079960000
M-L	50-52	1	079960002
XL-2XL	54-56	1	079960004

7997GN

technical stretch undershirt, long-sleeved, 70% polyamide, 28% polyester with graphene, 2% elastane, 230 g/m²
Black with grey details
Temperature-regulating, breathable

	IT		
XS-S	46-48	1	079970000
M-L	50-52	1	079970002
XL-2XL	54-56	1	079970004

7998GN

technical stretch underpants, 70% polyamide, 28% polyester with graphene, 2% elastane, 230 g/m²
Black with grey details
Temperature-regulating, breathable

	IT		
XS-S	46-48	1	079980000
M-L	50-52	1	079980002
XL-2XL	54-56	1	079980004

7800I

inner work knee pads pair, 100% EVA, black,
single size

EN 14404-3:2024
Tipo 2, Livello 1

7800I	one size fits all	1	078000100

7810E

outer work knee pads pair, with double stretch belt, black,
single size

EN 14404:2004+A1:2010
Tipo 1, Livello 1

7810E	one size fits all	1	078100100

7980L

winter cap with rechargeable LED light and 100% acrylic cuff
LED light with 3 brightness settings, up to 60 lumens
one size fits all
black

- **Rechargeable via USB port**
- **Light brightness: up to 60 lumens**
- **Charging time: 80 minutes**
- **Battery life: 85 ÷ 290 minutes**

7980L	10	079800200

7980RN

cuffed winter cap, 100% acrylic, lined with 3M Thinsulate™,
one size only
black

7980RN	10	079800120

7981N

rainproof cap,
100% PU-coated nylon,
with water-repellent treatment

L = Ø 58 cm	1	079810158
XL = Ø 60 cm	1	079810160

7982N

curved visor cap, 100% polyester, strap closure
black

7982N	10	079820000

7984G

work belt, 100% TPE, with chrome-plated zinc metal buckle
one size fits all; length: 125 cm, can be shortened; width: 35 mm,
black

7984G	1	079840525

7985N

microfleece neck warmer with string adjuster, can also be used as a cap,
black with grey and reflex details

7985N	10	079850000

7061TC

safety glasses with clear polycarbonate lenses

SUBJECT TO AVAILABILITY

CE EASY

EN166:2001
EN170
2C-1.2 1F

7061TC	1	070610001

7076BC

safety glasses with clear polycarbonate lenses

SUBJECT TO AVAILABILITY

CE SPORT

EN166:2001
EN172
5-1.7 1F

7076BC	1	070760009

7076BP

safety glasses with polarized polycarbonate lenses

SUBJECT TO AVAILABILITY

CE SPORT

EN ISO 12312-1:2013+A1:2015
EN 1836
3P

7076BP	1	070760029

7093BC

safety glasses with clear polycarbonate lenses

SUBJECT TO AVAILABILITY

CE IMPACT

EN166:2001
EN170
2C-1.2 1F

7093BC	1	070930009

7093BD

safety glasses with dark polycarbonate lenses

SUBJECT TO AVAILABILITY

CE IMPACT

EN166:2001
EN172
5-3.1 1F

7093BD	1	070930019

9574B

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

SUBJECT TO AVAILABILITY

CE

	TG.		
M	9	1	095740102
L	10	1	095740103
XL	11	1	095740104
2XL	12	1	095740105

95740

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

SUBJECT TO AVAILABILITY

CE

	TG.		
M	9	1	095740202
L	10	1	095740203
XL	11	1	095740204
2XL	12	1	095740205

C62M/WW

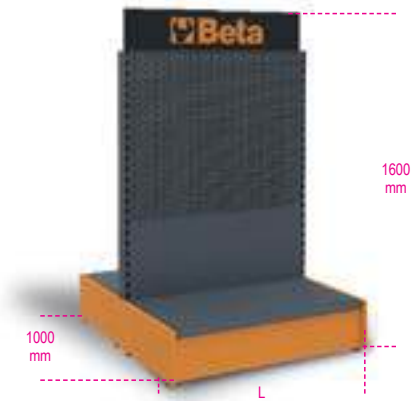
mannequin, realistic size, metal base

C62M/WW	1	062000362

C64
wall display for clothing and footwear, empty

L		
1 m	1	064000021
2 m	1	064000022
3 m	1	064000023
4 m	1	064000024

C64G
"gondola" display for clothing and footwear, empty



L		
1 m	1	064000051
2 m	1	064000052

C64CW
dressing room

C64CW	1	064000610

6200AP/S10
set of 10 hangers

6200AP/S10	1	062000331

6800BA

6800BA	1	068000130

6800RS

6800RS	1	068000135

6888GS
footwear hook for display C64

6888GS	2	068880122

170x120 mm

6888GW
hook for display C64

6888GW	2	068880121

400 mm

9562TB
mat for trying on shoes, with anti-skid, rubber-coated bottom

	L mm	H mm		
9562TB	800	600	1	095620500

9565S
sheet steel drum with seat made of removable imitation leather

	H cm	Ø cm		
9565S	60	38	1	095650300

7104 90
plastic posts with fillable bases

	H mm		
7104 90	90	4	071040004

7105 6
plastic barrier chain

	Ø mm	L m		
7105 6	6	25	1	071050006

7109A
aluminium warning signs

	H mm		
7109A 1	140	1	071090001
7109A 2	140	1	071090002
7109A 3	140	1	071090003
7109A 4	140	1	071090004

7109D
prohibition signs

	H mm		
7109D 1	115	1	071090051
7109D 2	115	1	071090052
7109D 3	115	1	071090053

Robur

Since 1930 Robur has been manufacturing accessory lines for cables according to the acknowledged quality standards of Beta Utensili, whose products are complementary to those of Robur.

Expertise, organization and technology are the key ingredients of ongoing growth resulting from awareness of market requirements.

Since 1984 Robur has been headquartered in a state-of-the-art production facility in Sulmona.

new item 2026

8145VX

hand chain blocks, compact

CE

EN13157
TUV SUD *portata da 500 kg

Technical data:
- Safety factor: 4
- Serial identification tag

Available certificates:
- Manufacturer's Certificate
- CE Declaration of Conformity
- Test Report UNI EN10204 type 2.2
- Technical Product Specifications

size

WLL kg	L m	sforzo / effort kg	n.° of tools per box	code number
125	2,5	26	1	081450001
500	2,5	21	1	081450005

MAXIMUM WORKING LOAD

WLL: working load limit (for lifting accessories)

WFL: workforce limit (for accessories other than lifting accessories)

BF: maximum force achieved by the itemduring the static traction test

LC: lashing capacity

HIGH-TENSILE TURNBUCKLES

Robur's high-tensile turnbuckles have been designed to provide cables and wires with proper tension in **structural applications**, including bracings, tensile structures and tie-down systems. They are also used in particular **lifting** systems for handling loads.

High **mechanical resistance,** a safety factor of **5:1, hot-dip galvanization** protecting surfaces from weather damage, **high-quality steel** and **heat treatment** as applied to both bodies and terminals make our high-tensile turnbuckles **must-haves, if safety is to be ensured in every single project.**

8105

eye and eye turnbuckles
high tensile steel, hot dip galvanized

CE

UNI 11481

TECHNICAL DATA
- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, eyes: hardening and tempering

LABORATORY TESTS
- chemical analysis
- tensile test
- proof load test 2 x WFL

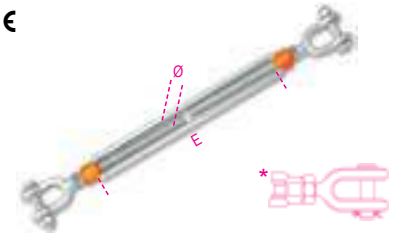
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WLL kg		
3/8x6	M10x150	540	5	081050010
1/2x6	M12x150	1000	5	081050011
1/2x9	M12x230	1000	5	081050012
5/8x6	M16x150	1590	2	081050014
5/8x9	M16x230	1590	2	081050016
5/8X12	M16X300	1590	2	081050015
3/4x6	M20x150	2360	2	081050017
3/4x9	M20x230	2360	2	081050020
3/4x12	M20x300	2360	2	081050018
3/4x18	M20x460	2360	2	081050021
7/8x12	M22x300	3270	1	081050022
1x6	M24x150	4540	1	081050024
1x12	M24x300	4540	1	081050025
1x18	M24X460	4540	1	081050026
1.1/4x12	M33x300	6900	1	081050031
1.1/4x18	M33x460	6900	1	081050032
1.1/4x24	M33x610	6900	1	081050033
1.1/2x12	M39x300	9710	1	081050034
1.1/2x18	M39x460	9710	1	081050035
1.3/4x18	M45x460	12700	1	081050036

8109

jaw and jaw turnbuckles
high tensile steel, hot dip galvanized

CE



UNI 11481

TECHNICAL DATA
- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, jaws: hardening and tempering

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WLL kg		
3/8x6	M10x150	540	5	081090010
1/2x6	M12X150	1000	5	081090011
1/2x9	M12x230	1000	5	081090012
1/2x12	M12x300	1000	5	081090013
5/8x6	M16x150	1590	2	081090015
5/8x9	M16x230	1590	2	081090016
5/8X12	M16X300	1590	2	081090017
3/4x6	M20x150	2360	2	081090018
3/4x9	M20x230	2360	2	081090020
3/4x12	M20x300	2360	2	081090019
3/4x18	M20x460	2360	2	081090021
7/8x12	M22x300	3270	1	081090022
7/8x18	M22x460	3270	1	081090023
1x6	M24x150	4540	1	081090024
1x12	M24x300	4540	1	081090025
1x18	M24x460	4540	1	081090026
* 1.1/4x12	M33x300	6900	1	081090031
* 1.1/4x18	M33x460	6900	1	081090032
* 1.1/4x24	M33x610	6900	1	081090033
* 1.1/2X12	M39x300	9710	1	081090034
* 1.1/2x18	M39x460	9710	1	081090038
* 1.1/2x24	M39x610	9710	1	081090039
* 1.3/4X18	M45x460	12700	1	081090036

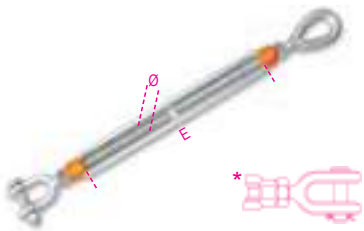
*** Round pin Jaw**

Other sizes available upon request

8110

eye and jaw turnbuckles, high-tensile steel,
hot dip galvanized

CE



UNI 11481

TECHNICAL DATA
- safety factor: 5
- turnbuckle body treatment: normalizing
- turnbuckle eye treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØxE "	≈ mm	WLL kg		
3/8x6	M10X150	540	5	081100004
1/2x6	M12x150	1000	5	081100006
1/2x9	M12x230	1000	5	081100010
5/8x6	M16x150	1590	2	081100014
5/8x9	M16X230	1590	2	081100015
5/8x12	M16x300	1590	2	081100016
3/4x6	M20x150	2360	2	081100019
3/4x9	M20x230	2360	2	081100020
3/4x12	M20x300	2360	2	081100021
7/8X12	M22x300	3270	1	081100022
1x6	M24x150	4540	1	081100027
1x12	M24x300	4540	1	081100029
*1.1/4x12	M33x300	6900	1	081100034
*1.1/4x18	M33X460	6900	1	081100035
*1.1/4x24	M33X610	6900	1	081100036
*1.1/2x12	M39x300	9710	1	081100038
*1.1/2x18	M39x460	9710	1	081100039
*1.3/4x18	M45x460	12700	1	081100044

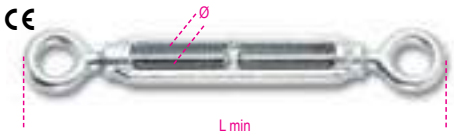
*** Jaw with through pin and split pin**

TURNBUCKLES

The original design of **Robur**'s established turnbuckles is extremely popular among Italian designers and structural engineers, based on precise dimensional tolerances, strength values higher than models DIN 1480 as well as traceability guaranteed by both the manufacturer and the identification code on the bodies.
First-rate electrolytic galvanizing, with uniform deposits free from hexavalent chromium, results in good weathering resistance and neat appearance of exposed structural elements.

8005Z

eye and eye turnbuckles, galvanized



TECHNICAL DATA
- **safety factor: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	L min mm	WFL kg		
M5	3/16	118	115	400	080050105
M6	1/4	130	160	300	080050106
M8	5/16	158	300	200	080050108
M10	3/8	192	470	100	080050110
M11	7/16	206	580	80	080050111
M12	1/2	226	690	60	080050112
M14	9/16	256	940	15	080050114
M16	5/8	290	1290	10	080050116
M18	11/16	358	1660	1	080050118
M20	3/4	358	2130	1	080050120
M22	7/8	400	2630	1	080050122
M24	1"	436	3060	1	080050124
M27	1"1/8	474	4000	1	080050125
M30	1"3/16	498	4860	1	080050130
M33	1"1/4	516	6040	1	080050126
M36	1"3/8	532	6500	1	080050136
M39	1"1/2	544	7900	1	080050139

Whitworth thread subject to availability
New batches with metric thread

special packaging

Ø mm	≈ "			
M5	3/16	30	1	080050705
M6	1/4	30	1	080050706
M8	5/16	20	1	080050708
M10	3/8	15	1	080050710
M11	7/16	15	1	080050711
M12	1/2	15	1	080050712

8005TZ

hot-forged eye and eye turnbuckles pipe bodies,galvanized

TECHNICAL DATA
- **safety factor: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**

- **CE Declaration of Conformity**

Ø mm	≈ "	WFL kg		
M12	1/2	690	15	080050512
M16	5/8	1290	1	080050516
M20	3/4	2130	1	080050520
M24	1"	3060	1	080050524
M27	1.1/8	4000	1	080050527
M30	1.3/16	4860	1	080050530
M36	1.3/8	6500	1	080050536

8006Z

hook and eye turnbuckles, galvanized

TECHNICAL DATA
- **safety factor: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

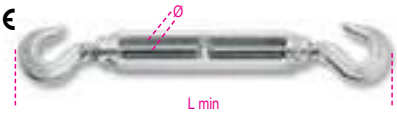
Ø mm	≈ "	L min mm	WFL kg		
M5	3/16	121	25	400	080060105
M6	1/4	132	45	250	080060106
M8	5/16	170	95	180	080060108
M10	3/8	204	140	100	080060110
M11	7/16	221	165	15	080060111
M12	1/2	244	300	15	080060112
M14	9/16	284	420	10	080060114
M16	5/8	322	570	1	080060116
M18	11/16	373	700	1	080060118
M20	3/4	391	900	1	080060120
M22	7/8	433	1100	1	080060122
M24	1"	470	1300	1	080060124
M27	1"1/8	503	2300	1	080060127

special packaging

Ø mm	≈ "			
M5	3/16	30	1	080060705
M6	1/4	30	1	080060706
M8	5/16	20	1	080060708
M10	3/8	15	1	080060710

8007Z

hook and hook turnbuckles, galvanized



TECHNICAL DATA
- **safety factor: 4**

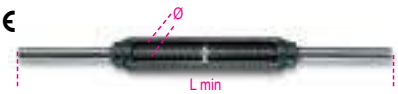
LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	L min mm	WFL kg		
M5	3/16	124	25	30	080070105
M6	1/4	134	45	30	080070106
M8	5/16	181	95	20	080070108
M10	3/8	211	140	15	080070110
M11	7/16	231	165	15	080070111
M12	1/2	262	300	15	080070112
M14	9/16	312	420	1	080070114
M16	5/8	354	570	1	080070116
M18	11/16	388	700	1	080070118
M20	3/4	424	900	1	080070120
M22	7/8	466	1100	1	080070122
M24	1"	504	1300	1	080070124
M27	1"1/8	532	2300	1	080070127

8008N

stub and stub turnbuckles self-coloured



TECHNICAL DATA
- **safety coefficient: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	L min mm	WFL kg		
M8	5/16	210	300	20	080080208
M10	3/8	250	470	15	080080210
M12	1/2	280	690	15	080080212
M14	9/16	340	940	5	080080214
M16	5/8	380	1290	5	080080216
M18	11/16	410	1660	3	080080218
M20	3/4	440	2130	3	080080220
M22	7/8	480	2630	2	080080222
M24	1"	520	3060	2	080080224
M27	1"1/8	560	4000	1	080080227
M30	1"3/16	560	4860	1	080080230

Whitworth thread subject to availability
New batches with metric thread

Ø mm	≈ "	L min mm	WFL kg		
M33	1"1/4	600	6040	1	080080233
M36	1"3/8	600	6500	1	080080236
M39	1"1/2	600	7900	1	080080239

Whitworth thread subject to availability
New batches with metric thread

8008TZN

stub and stub turnbuckles,
pipe bodies DIN 1478,
self-coloured terminals, galvanised bodies

TECHNICAL DATA
- **safety factor: 4**

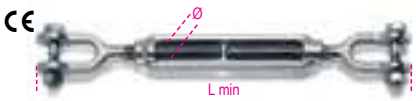
LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Product specifications**
- **Test report type 2.2 UNI EN10204**
- **CE Declaration of Conformity**

Ø mm	≈ "	WFL kg		
M12	1/2	690	10	080080512
M16	5/8	1290	1	080080516
M20	3/4	2130	1	080080520
M24	1	3060	1	080080524
M27	1.1/8	4000	1	080080527
M30	1.3/16	4860	1	080080530
M36	1.3/8	6500	1	080080536

8009Z

jaw and jaw turnbuckles,
galvanized



TECHNICAL DATA
- **safety coefficient: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	L min mm	WFL kg		
M8	5/16	192	300	15	080090008
M10	3/8	234	470	15	080090010
M12	1/2	274	690	15	080090012
M14	9/16	342	940	1	080090014
M16	5/8	372	1290	1	080090016
M18	11/16	406	1660	1	080090018
M20	3/4	406	2130	1	080090020
M22	7/8	466	2630	1	080090022
M24	1"	486	3060	1	080090024
M27	1"1/8	510	4000	1	080090027
M30	1"3/16	566	4860	1	080090030

special packaging

Ø mm	≈ "			
M8	5/16	5	1	080090708
M10	3/8	5	1	080090710
M12	1/2	5	1	080090712

8009TZ

jaw and jaw turnbuckles,
pipe bodies, DIN 1478
galvanized

TECHNICAL DATA
- **safety coefficient: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical Product Specifications**
- **Test Report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	WFL kg		
M12	1/2	690	10	080090512
M16	5/8	1290	1	080090516
M20	3/4	2130	1	080090520
M24	1	3060	1	080090524
M27	1.1/8	4000	1	080090527
M30	1.3/16	4860	1	080090530

8010Z

eye and jaw turnbuckles,
galvanized

TECHNICAL DATA
- **safety coefficient: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	L min mm	WFL kg		
M8	5/16	175	300	20	080100008
M10	3/8	215	470	15	080100010
M12	1/2	250	690	10	080100012
M14	9/16	299	940	10	080100014
M16	5/8	331	1290	1	080100016
M18	11/16	382	1660	1	080100018
M20	3/4	382	2130	1	080100020
M22	7/8	433	2630	1	080100022
M24	1"	461	3060	1	080100024
M27	1"1/8	492	4000	1	080100027
M30	1"3/16	529	4860	1	080100030

8010TZ

eye and jaw turnbuckles,
pipe bodies DIN 1478,
galvanised

TECHNICAL DATA
- **safety factor: 4**

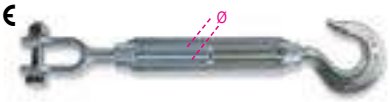
LABORATORY TESTS • **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Production specifications**
- **Test report type 2.2 UNI EN10204**
- **CE Declaration of Conformity**

Ø mm	≈ "	WFL kg		
M12	1/2	690	10	080100612
M16	5/8	1290	1	080100616
M20	3/4	2130	1	080100620
M24	1	3060	1	080100624
M27	1.1/8	4000	1	080100627
M30	1.3/16	4860	1	080100630

8011Z

hook and jaw turnbuckles,
galvanized



TECHNICAL DATA
- **safety factor: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Product specification**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity CE**

Ø mm	≈ "	L min mm	WFL kg		
M12	1/2	270	300	1	080110112
M16	5/8	360	570	1	080110116
M20	3/4	420	900	1	080110120
M24	1"	490	1300	1	080110124
M27	1"1/8	500	2300	1	080110127

8011TZ

hook and jaw turnbuckles,
pipe bodies DIN 1478,
galvanized

TECHNICAL DATA
- **safety factor: 4**

LABORATORY TESTS
- **chemical analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Product specification**
- **Test report UNI EN10204 type 2.2**
- **CE Declaration of Conformity**

Ø mm	≈ "	L min mm	WFL kg		
M12	1/2	260	300	1	080110612
M16	5/8	350	570	1	080110616
M20	3/4	400	900	1	080110620
M24	1"	490	1300	1	080110624
M27	1"1/8	500	2300	1	080110627

8001Z
turnbuckle bodies,
galvanized

TECHNICAL DATA
- safety factor: 4
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg		
M5	3/16	80	115	100	080010105
M6	1/4	80	160	100	080010106
M8	5/16	105	300	25	080010108
M10	3/8	125	470	20	080010110
M11	7/16	135	580	15	080010111
M12	1/2	140	690	20	080010112
M14	9/16	170	940	15	080010114
M16	5/8	190	1290	15	080010116
M18	11/16	205	1660	10	080010118
M20	3/4	220	2130	10	080010120
M22	7/8	240	2630	8	080010122
M24	1"	260	3060	5	080010124
M27	1"1/8	270	4000	1	080010127
M30	1"3/16	280	4860	1	080010130
M33	1"1/4	290	6040	1	080010133
M36	1"3/8	300	6500	1	080010198
M39	1"1/2	300	7900	1	080010199

Whitworth thread subject to availability
New batches with metric thread

8001TZ
pipe turnbuckle bodies,
galvanized

DIN 1478

TECHNICAL DATA
- safety factor: 4
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg		
M12	1/2	125	690	10	080010512
M16	5/8	170	1290	5	080010516
M20	3/4	200	2130	5	080010520
M24	1	255	3060	3	080010524
* **M27**	1.1/8	255	4000	1	080010527
M30	1.3/16	255	4860	1	080010530
M33	1"1/4	255	6040	1	080010533
M36	1.3/8	295	6500	1	080010536
M42	1.5/8	330	9700	1	080010542

*** Sizes not contemplated by the standard**

8048
eye tie rods right thread
self-coloured

UNI 6058

ØxL mm	WFL kg	F mm	E mm		
M8x50	430	6	39	20	080480108
M8x65	430	6	54	20	080480109
M10x80	690	8	66	10	080480110
M10x100	690	8	86	10	080480210
M10x130	690	8	116	10	080480111
M12x70	1020	10	53	8	080480212
M12x95	1020	10	78	8	080480112
M12x125	1020	10	108	8	080480113
M14x110	1420	12	91	6	080480114
M16x100	1980	14	79	6	080480115
M16x130	1980	14	109	6	080480116
M18x150	2390	16	126	2	080480118
M20x160	3100	18	134	2	080480120
M22x180	3890	18	152	1	080480122
M24x200	4460	20	168	1	080480124
M24x220	4460	20	188	1	080480125
M27x220	5900	22	185	1	080480127

8302Z
fastening eye bolts,
right thread, galvanized

TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	E mm	F mm	WFL kg		
M5	48	8	115	200	083020005
M6	55	10	160	150	083020006
M8	60	12	300	100	083020008
M10	73	14	470	100	083020010
M12	90	17	690	50	083020012

special packaging

Ø mm	E mm			
M5	48	100	1	083020705
M6	55	75	1	083020706
M8	60	50	1	083020708
M10	73	50	1	083020710
M12	90	25	1	083020712

8303Z
fastening hooks
right thread, galvanized

TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	C mm	E mm	WFL kg		
M5	6,0	48	25	120	083030005
M6	8,0	55	45	100	083030006
M8	10,0	60	95	75	083030008
M10	12,5	73	140	50	083030010
M12	16,0	90	220	20	083030012

special packaging

Ø mm	C mm			
M5	6,0	60	1	083030705
M6	8,0	50	1	083030706
M8	10,0	30	1	083030708
M10	12,5	25	1	083030710
M12	16,0	10	1	083030712

8702N - 8702Z - 8702ZC

swage sockets made from forged steel

closed
self-coloured

TECHNICAL DATA
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

M	ø B mm	ø A mm	ø D mm		
6	6,8	13	19	1	087020106
8	8,8	20	22	1	087020108
9	9,8	20	22	1	087020109
10	10,8	20	22	1	087020110
11	11,8	25	27	1	087020111
12	12,8	25	27	1	087020112
13	13,8	25	27	1	087020113
14	14,8	32	32	1	087020114
15	15,9	32	32	1	087020115
16	17,0	32	32	1	087020116
18	19,0	39	37	1	087020118
19	20,0	39	37	1	087020119
20	21,1	39	37	1	087020120
22	23,2	43	43	1	087020122
24	25,4	50	52	1	087020124
25	26,4	50	52	1	087020125
26	27,4	50	52	1	087020126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

8702Z galvanized

M	ø B mm	ø A mm	ø D mm		
6	6,8	13	19	1	087020306
8	8,8	20	22	1	087020308
9	9,8	20	22	1	087020309
10	10,8	20	22	1	087020310
11	11,8	25	27	1	087020311
12	12,8	25	27	1	087020312
13	13,8	25	27	1	087020313
14	14,8	32	32	1	087020314
15	15,9	32	32	1	087020315
16	17,0	32	32	1	087020316
18	19,0	39	37	1	087020318
19	20,0	39	37	1	087020319
20	21,1	39	37	1	087020320
22	23,2	43	43	1	087020322
24	25,4	50	52	1	087020324
25	26,4	50	52	1	087020325
26	27,4	50	52	1	087020326

8702ZC hot-dip galvanized

M	ø B mm	ø A mm	ø D mm		
6	6,8	13	19	1	087020206
8	8,8	20	22	1	087020208
9	9,8	20	22	1	087020209
10	10,8	20	22	1	087020210
11	11,8	25	27	1	087020211
12	12,8	25	27	1	087020212
13	13,8	25	27	1	087020213
14	14,8	32	32	1	087020214
15	15,9	32	32	1	087020215
16	17,0	32	32	1	087020216
18	19,0	39	37	1	087020218
19	20,0	39	37	1	087020219
20	21,1	39	37	1	087020220
22	23,2	43	43	1	087020222
24	25,4	50	52	1	087020224
25	26,4	50	52	1	087020225
26	27,4	50	52	1	087020226

8709N - 8709Z - 8709ZC

swage sockets made from forged steel open black

TECHNICAL DATA
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

M	ø B mm	ø A mm	ø C mm		
6	6,8	13	17	1	087090106
8	8,8	20	21	1	087090108
9	9,8	20	21	1	087090109
10	10,8	20	21	1	087090110
11	11,8	25	25	1	087090111
12	12,8	25	25	1	087090112
13	13,8	25	25	1	087090113
14	14,8	32	30	1	087090114
15	15,9	32	30	1	087090115
16	17,0	32	30	1	087090116
18	19,0	39	35	1	087090118
19	20,0	39	35	1	087090119
20	21,1	39	35	1	087090120
22	23,2	43	41	1	087090122
24	25,4	50	51	1	087090124
25	26,4	50	51	1	087090125
26	27,4	50	51	1	087090126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

8709Z galvanized

M	ø B mm	ø A mm	ø C mm		
6	6,8	13	17	1	087090306
8	8,8	20	21	1	087090308
9	9,8	20	21	1	087090309
10	10,8	20	21	1	087090310
11	11,8	25	25	1	087090311
12	12,8	25	25	1	087090312
13	13,8	25	25	1	087090313
14	14,8	32	30	1	087090314
15	15,9	32	30	1	087090315
16	17,0	32	30	1	087090316
18	19,0	39	35	1	087090318
19	20,0	39	35	1	087090319
20	21,0	39	35	1	087090320
22	23,2	43	41	1	087090322
24	25,4	50	51	1	087090324
25	26,4	50	51	1	087090325
26	27,4	50	51	1	087090326

8709ZC hot-dip galvanized

M	ø B mm	ø A mm	ø C mm		
6	6,8	13	17	1	087090206
8	8,8	20	21	1	087090208
9	9,8	20	21	1	087090209
10	10,8	20	21	1	087090210
11	11,8	25	25	1	087090211
12	12,8	25	25	1	087090212
13	13,8	25	25	1	087090213
14	14,8	32	30	1	087090214
15	15,9	32	30	1	087090215
16	17,0	32	30	1	087090216
18	19,0	39	35	1	087090218
19	20,0	39	35	1	087090219
20	21,1	39	35	1	087090220
22	23,2	43	41	1	087090222
24	25,4	50	51	1	087090224
25	26,4	50	51	1	087090225
26	27,4	50	51	1	087090226

WIRE ROPE CLIPS

Professional wire rope clips make it possible to obtain slots of strand wire ropes with steel cores, for use with tie-down and tensioning systems. Unlike many commercially available products, our wire rope clips DO NOT have cast iron bodies.

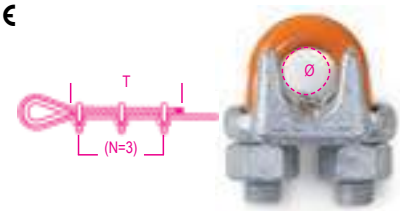
Indeed, in order to ensure optimal mechanical performance in heavy duty jobs, the bases are hot forged and are on average heavier than similar items. First-rate electrolytic galvanizing, free from hexavalent chromium, provides good corrosion resistance and enhances appearance.

During the several decades of the Company's history, all these hallmarks have made item 8016 into the icon of the Robur brand, allowing 'Italian-style' wire rope clips to stand out worldwide.

8015

wire rope clips, American type,
steel body,
hot-dip galvanized

CE



dimensioni EN 13411-5 tipo B

TECHNICAL DATA
- traceability code

LABORATORY TESTS
- chemical analysis
- torque test

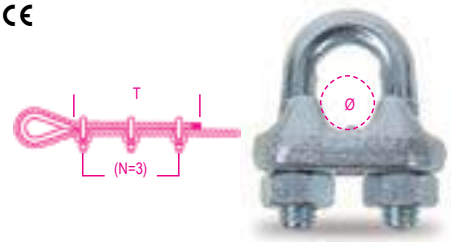
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of Conformity

Ø mm	Ø "	NxT	Nm		
8	5/16	3x133	40,7	12	080150808
9-10	3/8	3x165	61	12	080150810
11-13	1/2	3x292	88	6	080150813
14-16	5/8	3x305	129	6	080150816
18-20	3/4	4x460	176	6	080150820
22	7/8	4x480	305	6	080150822
24-26	1	5x660	305	5	080150826
28-30	1-1/8	6x860	305	2	080150830

8016

wire rope clips,
hot forged steel body,
galvanized

CE



TECHNICAL DATA
- chemical analysis
- torque test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
3	1/8	3x80	1,53	500	080160003
5	3/16	3x110	3,02	300	080160005
6	1/4	3x120	5,19	200	080160006
8	5/16	5x210	5,19	150	080160008
10	3/8	5x240	12,54	70	080160010
11	7/16	5x260	12,54	70	080160011
12-13	1/2	5x300	24,76	40	080160013
14	9/16	5x295	24,76	35	080160014
16	5/8	5x335	24,76	30	080160016
18	11/16	5x380	42,42	30	080160018
20	3/4	5x540	42,42	30	080160020
22	7/8	7x595	42,42	25	080160022
24-26	1"	7x700	67,56	15	080160026
28	1"1/16	8x840	67,56	5	080160028
30-32	1"1/8	8x990	67,56	5	080160030
34-36	1"1/4	8x1155	105,80	4	080160034
38-40	1"1/2	8x1320	105,80	2	080160040
45-50	2"	8x1500	206	1	080160050

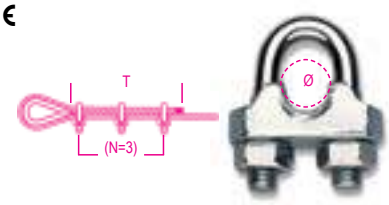
special packaging

Ø mm	Ø "	N x T			
3	1/8	100	100	1	080160703
5	3/16	50	50	1	080160705
6	1/4	50	50	1	080160706
8	5/16	30	30	1	080160708
10	3/8	30	30	1	080160710
11	7/16	25	25	1	080160711
12-13	1/2	15	15	1	080160713

8016FR

wire rope clips,
cold pressed steel body,
galvanized

CE



LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
3*	1/8	3x80	1,25	500	080160253
5*	3/16	3x110	2,46	300	080160255
6	1/4	3x120	4,24	200	080160256
8	5/16	5x210	4,24	150	080160258

8018E

wire rope clips, ENEL type,
hot forged steel body, hot-dip galvanized
U-bolts and nuts with chemical galv. protection

LABORATORY TESTS
- chemical analysis

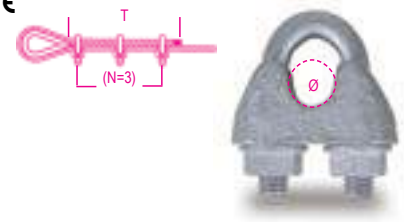
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
4÷6	M6	34	4,24	100	080180001

8016U2

wire rope clips
malleable cast iron body
galvanized

CE



dimensioni EN 13411-5 tipo A

TECHNICAL DATA
- traceability code

LABORATORY TESTS
- chemical analysis
- torque test

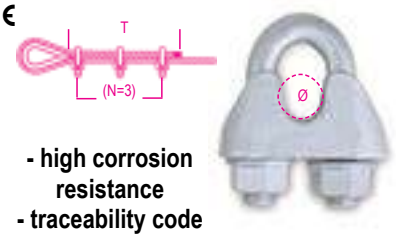
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
5	3/16	3x156	2,0	300	080160855
6,5	1/4	3x192	3,5	150	080160856
8	5/16	4x320	6	70	080160858
10	3/8	4x320	9	60	080160860
12	1/2	4x384	20	25	080160862
14	9/16	4x448	33	15	080160864
16	5/8	4x512	49	10	080160866
19	3/4	4x512	68	10	080160869
22	7/8	5x680	107	10	080160872
26	1	5x760	147	5	080160876
30	1.1/8	6x984	212	5	080160880
34	1.1/4	6x1080	296	5	080160884
40	1.1/2	6x1176	363	5	080160890

8016UGK

wire rope clips,
made of malleable cast iron,
HOT DIP GALVANIZED body,
GEOMET-GEOKOTE U-bolts and nuts

CE



- high corrosion resistance
- traceability code

dimensioni EN 13411-5 tipo A

TECHNICAL DATA
- traceability code

LABORATORY TESTS
- chemical analysis
- torque test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of conformity

Ø mm	Ø "	N x T	Nm		
8	5/16	4x320	6	70	080160758
10	3/8	4x320	9	60	080160760
12	1/2	4x448	33	25	080160762
14	9/16	4x384	20	15	080160764
16	5/8	4x512	49	10	080160766
19	3/4	4x512	68	10	080160769
22	7/8	5x680	107	10	080160772
26	1	5x760	147	5	080160776
30	1,1/8	6x984	212	1	080160780
34	1,1/4	6x1080	296	1	080160784
40	1,1/2	6x1176	363	1	080160790

8018T

wire rope clips, TELECOM type
malleable cast iron body
galvanized

RUM-MU-21:1980

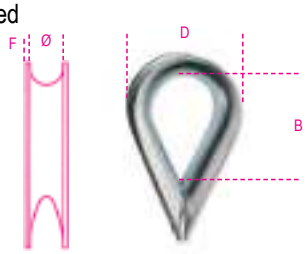
LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
8÷10	M8	42	10,20	200	080180003

8020A

thimbles, Italian light type,
galvanized



AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

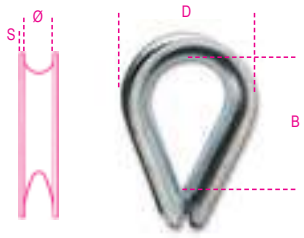
Ø mm	F mm	B mm	D mm		
2-3	1,0	20	18	150	080200503
4	1,2	23	19	150	080200504
5	1,2	24	23	100	080200505
6	1,2	27	28	100	080200506
8	1,4	33	32	50	080200508
10	1,8	41	38	30	080200510
12	2,2	44	45	30	080200512
14	2,2	52	49	50	080200514
16	3,0	58	58	50	080200516
18	3,7	64	68	50	080200518
20	3,7	73	74	35	080200520
22	3,7	83	79	30	080200522
24	3,7	93	88	20	080200525

special packaging

Ø mm	S mm			
2-3	0,8	150	1	080200703
4	1,0	150	1	080200704
5	1,0	100	1	080200705
6	1,0	100	1	080200706
8	1,2	50	1	080200708
10	1,5	30	1	080200710

8021A

thimbles, heavy type, galvanized



AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø mm	S mm	B mm	D mm		
2-3	0,6	15	16	150	080210103
5	1,7	29	28	120	080210105
6	1,8	33	30	100	080210106
8	2,5	36	37	100	080210108
10	2,5	42	43	80	080210110
12	2,5	48	50	100	080210112
14	2,7	58	57	70	080210114
16	3	61	62	50	080210116
18	3,5	71	71	70	080210118
20	4	79	79	30	080210120
22	4	87	84	25	080210122
24	4	93	92	25	080210124
26	4	103	103	20	080210126
28	5	107	116	1	080210128
30	5	118	121	1	080210130
32	5,5	138	135	1	080210132
35	6	140	147	1	080210135
40	6,0	174	170	1	080210140

SHACKLES

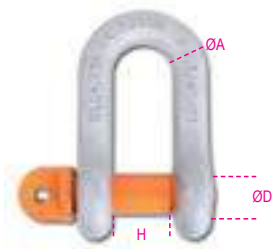
Unlike similar products, Robur's high-tensile shackles are made entirely from hardened and tempered chrome molybdenum alloy steel, and designed to exceed 20,000 full-load cycles in laboratory tests. Therefore, they stand out in their category, as the best option for heavy-duty jobs, with a safety factor exceeding requirements under reference standards (6:1 instead of 5:1) and excellent resilience at low temperatures.

Robur's mild steel shackles are synonymous with reliability and effectiveness in time, based on top-quality raw material, exquisite mechanical workmanship and heat treatment (normalizing), which allow a high work load and safety factor to be reached compared to those of similar commercially available products.
Clear, indelible marking on each piece makes it possible to identify the origin of the shackle, e.g. in case of inspections by auditing companies or competent bodies.

8026R

straight shackles with screw collar pin,
high-tensile alloy steel, GRADE 6,
hot-dipped galvanized body

CE



EN 13889

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on both pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

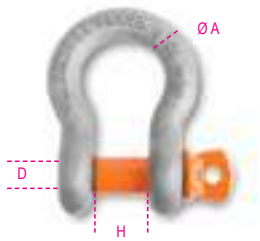
AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080260210
16	13	21	2000	5	080260212
19	16	27	3250	3	080260216
22	19	32	4750	2	080260219
25	22	37	6500	2	080260222

8029R

bow shackles with screw collar pins,
high-tensile alloy steel, GRADE 6,
hot-dipped galvanized body

CE



EN 13889

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
8	6	13	500	20	080290106
10	8	13,5	750	15	080290108
11	10	17	1000	15	080290110
13	11	18,5	1500	10	080290111
16	13	20,5	2000	8	080290112
19	16	27	3250	8	080290116
22	19	32	4750	4	080290120
25	22	37	6500	4	080290122
28	26	43,5	8500	1	080290124
32	29	48	9500	1	080290128
35	32	53	12000	1	080290132
38	35	59	13500	1	080290135
42	38	62	17000	1	080290138
50	45	75	25000	1	080290145
57	50	83	35000	1	080290150
65	57	95	42500	1	080290157
70	65	105	55000	1	080290165

special packaging

ØD mm	ØA mm			
8	6	10	1	080290706
10	8	10	1	080290708
11	10	10	1	080290710
13	11	5	1	080290711
16	13	4	1	080290712
19	16	4	1	080290716
22	19	2	1	080290720
25	22	2	1	080290722

8031R

bow shackles with safety bolt, EN13889
high-tensile alloy steel, GRADE 6,
hot-dip galvanized body

CE

EN 13889

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

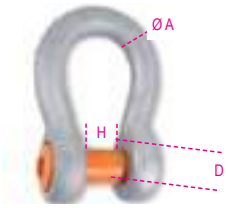
AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080310110
13	11	18	1500	5	080310111
16	13	21	2000	5	080310112
19	16	27	3250	3	080310116
22	19	32	4750	2	080310120
25	22	37	6500	2	080310122
28	26	43	8500	1	080310124
32	29	48	9500	1	080310128
35	32	53	12000	1	080310132
38	35	59	13500	1	080310135
42	38	62	17000	1	080310138
50	45	75	25000	1	080310145
57	50	83	35000	1	080310150
70	65	105	55000	1	080310165
83	75	127	85000	1	080310183

8032

bow shackles with square sunken hole screw pin,
high-tensile alloy steel, GRADE 6,
hot-dip galvanized body

CE



TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080320010
16	13	21	2000	5	080320012
19	16	27	3250	3	080320016
22	19	32	4750	2	080320020
25	22	37	6500	2	080320022

8025

lifting LARGE DEE shackles,
hot forged carbon steel,
galvanized

CE

TECHNICAL DATA
- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈ "	B x C mm	WLL kg		
5	3/16	21x10	70	250	080250005
6	1/4	25x12	100	250	080250006
8	5/16	33x16	250	150	080250008
10	3/8	42x20	400	180	080250010
11	7/16	46x22	500	130	080250011
12	1/2	50x24	600	100	080250012
14	9/16	57x28	800	70	080250014
16	5/8	61x32	1000	10	080250016
18	11/16	65x36	1300	10	080250018
20	3/4	70x40	1600	10	080250020
22	7/8	74x44	2000	10	080250022
25	1"	80x48	2800	2	080250025

special packaging

Ø mm	"			
5	3/16	25	1	080250705
6	1/4	25	1	080250706
8	5/16	25	1	080250708
10	3/8	15	1	080250710
11	7/16	12	1	080250711
12	1/2	12	1	080250712
14	9/16	10	1	080250714

8026A

lifting DEE shackles,
hot forged carbon steel,
UNI 1947 type A, galvanized

CE

TECHNICAL DATA
- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈ "	B x C mm	WLL kg		
12	1/2	42x20	630	35	080260012
14	9/16	46x22	800	30	080260014
16	5/8	50x24	1000	20	080260016
18	11/16	54x26	1300	15	080260018
20	3/4	58x28	1600	10	080260020
22	7/8	69x32	2000	10	080260022
25	1"	79x36	2500	5	080260025
28	1.1/8	90x40	3150	2	080260028
32	1.1/4	100x45	4000	1	080260032
36	1.3/8	110x50	5000	1	080260036
40	1.9/16	120x55	6300	1	080260040
42	1.5/8	131x60	8000	1	080260042
45	1.3/4	143x65	10000	1	080260045
50	2"	155x70	12500	1	080260050

8028

lifting BOW shackles,
hot forged carbon steel,
galvanized

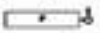
TECHNICAL DATA
- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

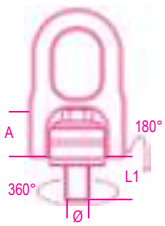
Ø mm	"	B x C mm	WFL kg		
5	3/16	20x16	80	100	080280105
6	1/4	24x20	100	70	080280106
8	5/16	32x24	200	35	080280108
10	3/8	40x33	300	25	080280110
12	1/2	48x39	500	15	080280112
14	9/16	56x46	600	7	080280114
16	5/8	64x46	800	10	080280116
18	11/16	71x59	950	5	080280118
20	3/4	80x65	1100	5	080280120
22	7/8	88x72	1500	5	080280122
25	1"	100x81	2000	2	080280125
28	1.1/8	112x91	2600	1	080280128
32	1.1/4	128x104	3200	1	080280132
38	1.1/2	152x124	4500	1	080280138

8049 WLL (t)

	A°	M8	M10	M12	M16	M20	M24	M30
	0°	0,3	0,6	1	1,6	2,5	4	6,3
	0°	0,6	1,2	2	3,2	5	8	12,6
	90°	0,3	0,6	1	1,6	2,5	4	6,3
	90°	0,6	1,2	2	3,2	5	8	12,6
	0° 45°	0,4	0,8	1,4	2,2	3,5	5,6	8,8
	46° 60°	0,3	0,6	1	1,6	2,5	4	6,3
	0° 45°	0,6	1,3	2,1	3,4	5,3	8,4	13,2
	46° 60°	0,3	0,6	1	1,6	2,5	4	6,3

8049

adjustable lifting eyebolts,
double swivel ring,
high-tensile alloy steel



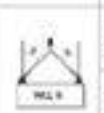
TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	A mm	L1 mm	WLL 90° kg		
M8	31,5	14	300	1	080490008
M10	31,5	17	600	1	080490010
M12	31,5	21	1000	1	080490012
M16	45	27	1600	1	080490016
M20	45	30	2500	1	080490020
M24	60,5	36	4000	1	080490024
M30	60,5	45	6300	1	080490030

8049A WLL (kg)

	ß°	M6	M8	M10	M12	M14 M16	M18 M20	M24	M30	M36
	0°	400	600	800	1000	2000	4000	6300	10600	16000
	0°	800	1200	1600	2000	4000	8000	12600	21200	32000
	90°	200	300	450	500	1120	2000	3150	5300	8000
	90°	400	600	800	1000	2000	4000	6300	10600	16000
	0° 45°	250	400	600	700	1400	2800	4250	7100	10750
	46° 60°	200	300	450	500	1120	2000	3150	5300	8000
	0° 45°	400	600	900	1000	2100	4250	6300	11200	16000
	46° 60°	250	400	600	750	1500	3000	4750	8000	10750

8049A

lifting eyebolts,
double swivel ring, turnable under load,
with welded ring,
high-tensile alloy steel

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- testing load (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	E mm	A mm	WLL (90°) kg		
M6	13	30	200	1	080490106
M8	13	30	300	1	080490108
M10	19	30	450	1	080490110
M12	19	30	500	1	080490112
M14	19	30	1120	1	080490114
M16	20	30	1120	1	080490116
M18	30	40	2000	1	080490118
M20	30	40	2000	1	080490120
M24	30	40	3150	1	080490124
M30	35	50	5300	1	080490130
M36	54	50	8000	1	080490136

8049V

lifting eyebolts
with offset brackets,
high-tensile alloy steel

360° swivel eyebolt and swivel bracket

TECHNICAL DATA
- **safety factor: 4**
- **heat treatment: hardening and tempering**
- **traceability code**

LABORATORY TESTS
- **chemical analysis**
- **metallographic analysis**
- **tensile test**
- **fatigue test (20,000 cycles)**
- **test load (100% of batch)**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**
- **CE Declaration of Conformity**

Ø mm	E mm	B mm	WLL kg		
M10	13,5	37	630	1	080490310
M12	18	37,5	1000	1	080490312
M16	24	37,5	1500	1	080490316
M20	35,5	54	2500	1	080490320
M24	35,5	54	4000	1	080490324
M30	47,5	65	5000	1	080490330

8068S

weld-on brackets for load lifting,
single-based, with positioning springs,
high tensile alloy steel body

- **Compact dimensions for lifting operations**
- **Tested to withstand 20,000 work cycles at full load**
- **Test load applied to 100% of parts before sale**
- **Safety factor: 4, in all directions**

TECHNICAL DATA
- **safety factor: 4**
- **heat treatment: hardening**
- **traceability code**

LABORATORY TESTS
- **chemical analysis**
- **metallographic analysis**
- **tensile test**
- **fatigue test (20,000 cycles)**
- **load test (100% of batch)**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**
- **CE Declaration of Conformity**

WLL Kg	B mm	M mm	A mm		
1500	78	37	41	1	080680115
2500	88	40	42	1	080680125
4000	94	42	45	1	080680140
6700	118	51	55	1	080680167

Caution:
- Coupling element must ensure proper mechanical resistance and be suitable for welding.
- Welding must be performed by trained personnel.

8041

lifting eyebolts,
high-tensile alloy steel

TECHNICAL DATA
- **safety factor: 4**
- **heat treatment: hardening and tempering**
- **traceability code**

LABORATORY TESTS
- **chemical analysis**
- **metallographic analysis**
- **tensile test**
- **fatigue test (20,000 cycles)**
- **proof load test (100% of batch)**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**
- **CE Declaration of Conformity**

Ø mm	mm	E mm	WLL kg		
M6	1	11	400	10	080410206
* **M8**	1,25	13	800	10	080410208
* **M10**	1,5	17	1000	6	080410210
* **M12**	1,75	20,5	1600	4	080410212
M14	2	20,5	3000	2	080410214
M16	2	27	4000	2	080410217
M18	2,5	27	5000	2	080410218
M20	3,0	30	6000	2	080410221
M22	2,5	30	7000	2	080410222
M24	3	36	8000	2	080410225
M27	3	41	10000	1	080410227
* **M30**	3,5	45	12000	1	080410230

(*) Dimensional specifications DIN 580:2010
WLL increased according to Robur Technical Product Specifications

8043

lifting eye nuts,
high-tensile alloy steel

TECHNICAL DATA
- **safety factor: 4**
- **heat treatment: hardening and tempering**
- **traceability code**

LABORATORY TESTS
- **chemical analysis**
- **metallographic analysis**
- **tensile test**
- **fatigue test (20,000 cycles)**
- **proof load test (100% of batch)**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**
- **CE Declaration of Conformity**

Ø mm	mm	F mm	WLL kg		
M6	1	20	400	10	080430206
* **M8**	1,25	20	800	10	080430208
* **M10**	1,50	25	1000	6	080430210
* **M12**	1,75	30	1600	4	080430212
M14	2	35	3000	2	080430214
M16	2	40	4000	2	080430217
M18	2,5	40	5000	2	080430218
M20	2,5	50	6000	2	080430221
M22	2,5	50	7000	2	080430222
M24	3	55	8000	2	080430225
M27	3	60	10000	1	080430227
* **M30**	3,5	60	12000	1	080430230

(*) Dimensional specifications DIN 582:2010
WLL increased according to Robur Technical Product Specifications

LIFTING EYE NUTS AND BOLTS

Robur's lifting eye nuts and bolts are made from mild carbon steel, with the addition of a minimum aluminium content, and must meet strict parameters relating to the grain size of the material, in accordance with DIN580-582.

Exquisite mechanical workmanship also makes a role in making a difference: the relief groove of the collars at the base of the lifting eyes/nuts results in improved grip and full contact with the surface of the body to lift. Based on these hallmarks, our lifting eye nuts/bolts are ideal for complex lifting tasks and intensive use, e.g. in environments with continuous cycle operation or a temperature range of -20 °C ÷ +200 °C.

8040EZ

lifting eye bolts, galvanized

CE

DIN 580

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø mm	mm	E mm	WLL kg		
* M6	1	11	90	60	080400406
M8	1,25	13	140	60	080400408
M10	1,5	17	230	40	080400410
M12	1,75	20,5	340	20	080400412
* M14	2	20,5	480	20	080400414
M16	2	27	700	10	080400416
* M18	2,5	27	930	10	080400418
M20	2,5	30	1200	10	080400420
* M22	2,5	30	1450	10	080400422
M24	3	36	1800	5	080400424
* M27	3	41	2400	5	080400427
M30	3,5	45	3200	2	080400430
* M33	3,5	54	3900	2	080400433
* M33F	2	54	3900	2	080400434
M36	4	54	4600	2	080400436
* M36F	3	54	4600	2	080400437
M42	4,5	63	6300	1	080400442
* M42F	3	63	6300	1	080400443
M48	5	68	8600	1	080400448
* M48F	3	68	8600	1	080400449
M56	5,5	78	11500	1	080400456
* M56F	4	78	11500	1	080400457
M64	6	90	16000	1	080400464
* M64F	4	90	16000	1	080400465

***Sizes dimensioned according to Robur Technical File**

special lifting eye bolts

ø mm	mm			
M6	1	20	1	080400906
M8	1,25	20	1	080400908
M10	1,5	20	1	080400910
M12	1,75	15	1	080400912

8040EN

lifting eye bolts, self-coloured

CE

DIN 580

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

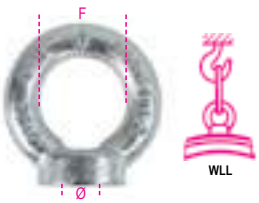
ø mm	mm	E mm	WLL kg		
* M6	1	11	90	60	080400306
M8	1,25	13	140	60	080400308
M10	1,5	17	230	40	080400310
M12	1,75	20,5	340	20	080400312
* M14	2	20,5	480	20	080400314
M16	2	27	700	10	080400316
* M18	2,5	27	930	10	080400318
M20	2,5	30	1200	10	080400320
* M22	2,5	30	1450	10	080400322
M24	3	36	1800	5	080400324
* M27	3	41	2400	5	080400327
M30	3,5	45	3200	2	080400330
* M33	3,5	54	3900	2	080400333
* M33F	2	54	3900	2	080400334
M36	4	54	4600	2	080400336
* M36F	3	54	4600	2	080400337
M42	4,5	63	6300	1	080400342
* M42F	3	63	6300	1	080400343
M48	5	68	8600	1	080400348
* M48F	3	68	8600	1	080400349
M56	5,5	78	11500	1	080400356
* M56F	4	78	11500	1	080400357
M64	6	90	16000	1	080400364
* M64F	4	90	16000	1	080400365

***Sizes dimensioned according to Robur Technical File**

8042EZ

lifting eye nuts, galvanized

CE



DIN 582

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø mm	mm	F mm	WLL kg		
* M6	1	14	90	60	080420306
M8	1,25	20	140	60	080420308
M10	1,5	25	230	40	080420310
M12	1,75	30	340	30	080420312
* M14	2	30	480	30	080420314
M16	2	35	700	20	080420316
* M18	2,5	35	930	20	080420318
M20	2,5	40	1200	10	080420320
* M22	2,5	40	1450	10	080420322
M24	3	50	1800	5	080420324
* M27	3	55	2400	5	080420327
M30	3,5	60	3200	3	080420330
M36	4	70	4600	2	080420336
* M36F	3	70	4600	2	080420337
M42	4,5	80	6300	1	080420342
* M42F	3	80	6300	1	080420343
M48	5	90	8600	1	080420348
* M48F	3	90	8600	1	080420349

***Sizes dimensioned according to Robur Technical File**

ø mm	mm	F mm	WLL kg		
M20	2,5	40	1200	10	080420420
* M22	2,5	40	1450	10	080420422
M24	3	50	1800	5	080420424
* M27	3	55	2400	5	080420427
M30	3,5	60	3200	3	080420430
M36	4	70	4600	2	080420436
* M36F	3	70	4600	2	080420437
M42	4,5	80	6300	1	080420442
* M42F	3	80	6300	1	080420443
M48	5	90	8600	1	080420448
* M48F	3	90	8600	1	080420449

***Sizes dimensioned according to Robur Technical File**

special packaging

ø mm	mm			
M6	1	20	1	080420906
M8	1,25	20	1	080420908
M10	1,5	20	1	080420910
M12	1,75	15	1	080420912

8042EN

lifting eye nuts, self-coloured

CE

DIN 582

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø mm	mm	F mm	WLL kg		
* M6	1	14	90	60	080420306
M8	1,25	20	140	60	080420308
M10	1,5	25	230	40	080420310
M12	1,75	30	340	30	080420312
* M14	2	30	480	30	080420314
M16	2	35	700	20	080420316
* M18	2,5	35	930	20	080420318
M20	2,5	40	1200	10	080420320
* M22	2,5	40	1450	10	080420322
M24	3	50	1800	5	080420324
* M27	3	55	2400	5	080420327
M30	3,5	60	3200	3	080420330
M36	4	70	4600	2	080420336
* M36F	3	70	4600	2	080420337
M42	4,5	80	6300	1	080420342
* M42F	3	80	6300	1	080420343
M48	5	90	8600	1	080420348
* M48F	3	90	8600	1	080420349

***Sizes dimensioned according to Robur Technical File**

8044

lifting eye nuts, UNI 2948
self-coloured

CE

UNI 2948

TECHNICAL DATA
- safety factor: 4
- heat treatment: normalizing
- traceability code

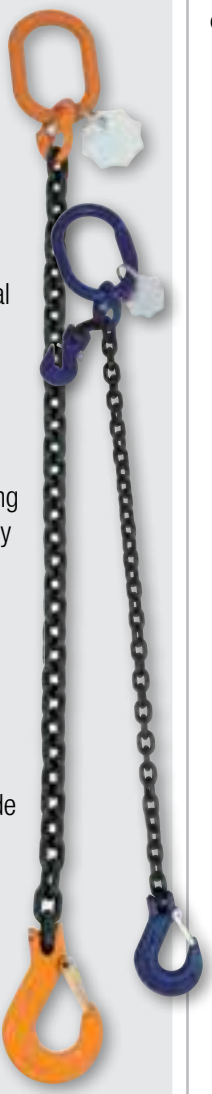
LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	mm	WLL kg		
M8	1,25	80	4	080440008
M10	1,5	160	4	080440010
M12	1,75	250	4	080440012
M14*	2	250	2	080440014
M16	2	400	2	080440016
M20	2,5	630	2	080440020
M24*	3	1000	2	080440024

* SUBJECT TO AVAILABILITY

CHAIN SLINGS G8-G10



Robur's chain slings are made from high and ultra-high strength alloy materials and subjected to state-of-the-art heat treatment, so that our dealers can rely on products compliant with the European reference technical standards.

Based on the high-quality materials used, our chain slings are suitable for ongoing intensive use; they can safely be used in a wide range of temperatures (-40 °C/+200 °C), without reducing the carrying capacity.

Compared to the range of grade 8 slings, the new grade 10 range ensures superior performance as well as a lower degree of wear for the accessories.

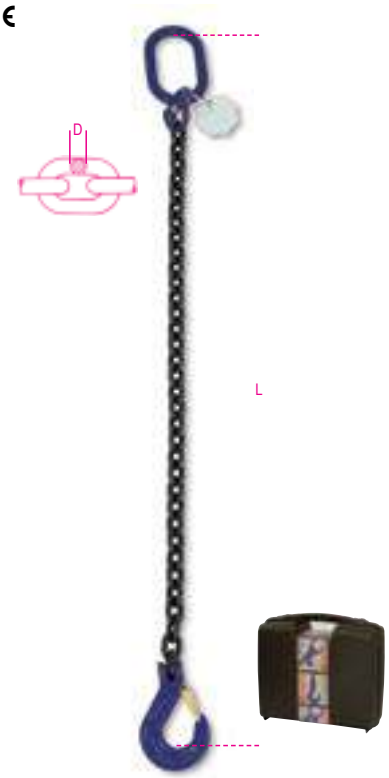
The carrying capacity increased by ca. 25% compared to the grade 8 accessories makes it possible to use lightweight, handy chains smaller in diameter.

All the chain slings are assembled by suitably trained personnel in our factories in a variety of configurations and capacities; they come with identification tags with serial numbers and related assembly certificates (Manufacturer's Certificate).

8091/G10

lifting chain slings, 1 leg
grade 10

CE



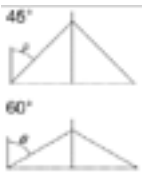
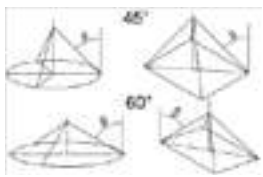
TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,4	1	080911001
6*	2	1,4	1	080911002
6*	3	1,4	1	080911003
6*	4	1,4	1	080911004
8*	1	2,5	1	080911041
8*	2	2,5	1	080911042
8*	3	2,5	1	080911043
8*	4	2,5	1	080911044
10*	1	4,0	1	080911051
10*	2	4,0	1	080911052
10*	3	4,0	1	080911053
10*	4	4,0	1	080911054
13*	1	6,7	1	080911131
13*	2	6,7	1	080911132
13*	3	6,7	1	080911133
13*	4	6,7	1	080911134

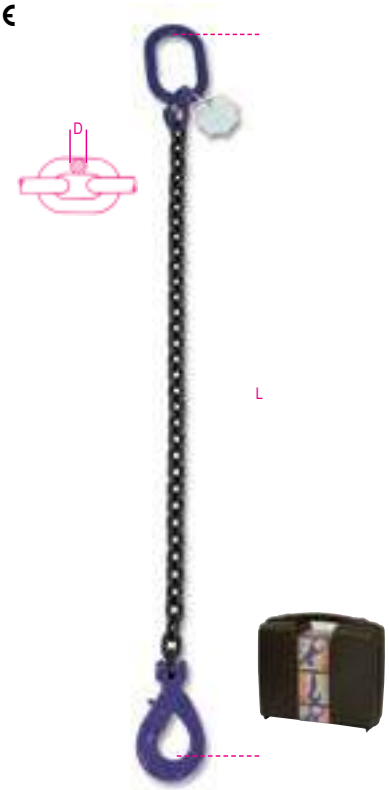
WLL ton Grade 10

ØD mm					
		0°<B≤45°	45°<B≤60°	0°<B≤45°	45°<B≤60°
		Factor 1,4	Factor 1	Factor 2,1	Factor 1,5
6	1,4 t	2,0 t	1,4 t	3,0 t	2,1 t
8	2,5 t	3,55 t	2,5 t	5,3 t	3,75 t
10	4,0 t	5,6 t	4,0 t	8,0 t	6,0 t
13	6,7 t	9,5 t	6,7 t	14,0 t	10,0 t

8091SL/G10

lifting chain slings,
1 leg, self-locking hook,
grade 10

CE



TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,4	1	080911201
6*	2	1,4	1	080911202
6*	3	1,4	1	080911203
6*	4	1,4	1	080911204
8*	1	2,5	1	080911241
8*	2	2,5	1	080911242
8*	3	2,5	1	080911243
8*	4	2,5	1	080911244
10*	1	4,0	1	080911251
10*	2	4,0	1	080911252
10*	3	4,0	1	080911253
10*	4	4,0	1	080911254
13*	1	6,7	1	080911331
13*	2	6,7	1	080911332
13*	3	6,7	1	080911333
13*	4	6,7	1	080911334

8092/G10

lifting chains sling, 2 legs
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2	1	080921001
6*	2	2	1	080921002
6*	3	2	1	080921003
6*	4	2	1	080921004
8*	1	3,5	1	080921041
8*	2	3,5	1	080921042
8*	3	3,5	1	080921043
8*	4	3,5	1	080921044
10*	1	5,6	1	080921051
10*	2	5,6	1	080921052
10*	3	5,6	1	080921053
10*	4	5,6	1	080921054
13*	1	9,5	1	080921131
13*	2	9,5	1	080921132
13	3	9,5	1	080921133
13	4	9,5	1	080921134

8092SL/G10

lifting chain slings,
2 legs, self-locking hook,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2	1	080921201
6*	2	2	1	080921202
6*	3	2	1	080921203
6*	4	2	1	080921204
8*	1	3,5	1	080921241
8*	2	3,5	1	080921242
8*	3	3,5	1	080921243
8*	4	3,5	1	080921244
10*	1	5,6	1	080921251
10*	2	5,6	1	080921252
10*	3	5,6	1	080921253
10*	4	5,6	1	080921254
13*	1	9,5	1	080921331
13*	2	9,5	1	080921332
13*	3	9,5	1	080921333
13*	4	9,5	1	080921334

8094/G10

lifting chain sling, 4 legs
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	3	1	080941001
6*	2	3	1	080941002
6*	3	3	1	080941003
6*	4	3	1	080941004
8*	1	5,3	1	080941041
8*	2	5,3	1	080941042
8	3	5,3	1	080941043
8	4	5,3	1	080941044
10*	1	8	1	080941051
10	2	8	1	080941052
10	3	8	1	080941053
10	4	8	1	080941054
13	1	14	1	080941131
13	2	14	1	080941132
13	3	14	1	080941133
13	4	14	1	080941134

8094SL/G10

lifting chain slings,
4 legs, self-locking hook,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	3	1	080941201
6*	2	3	1	080941202
6*	3	3	1	080941203
6*	4	3	1	080941204
8*	1	5,3	1	080941241
8*	2	5,3	1	080941242
8*	3	5,3	1	080941243
8	4	5,3	1	080941244
10*	1	8	1	080941251
10	2	8	1	080941252
10	3	8	1	080941253
10	4	8	1	080941254
13	1	14	1	080941331
13	2	14	1	080941332
13	3	14	1	080941333
13	4	14	1	080941334

8096/G10

lifting chain sling, 1 leg
with clevis grab hook,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,4	1	080961001
6*	2	1,4	1	080961002
6*	3	1,4	1	080961003
6*	4	1,4	1	080961004
8*	1	2,5	1	080961041
8*	2	2,5	1	080961042
8*	3	2,5	1	080961043
8*	4	2,5	1	080961044
10*	1	4,0	1	080961051
10*	2	4,0	1	080961052
10*	3	4,0	1	080961053
10*	4	4,0	1	080961054
13*	1	6,7	1	080961131
13*	2	6,7	1	080961132
13*	4	6,7	1	080961134
13*	3	6,7	1	080961133

8096SL/G10

lifting chain slings,
1 leg, with self-locking and clevis grab hooks,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,4	1	080961201
6*	2	1,4	1	080961202
6*	3	1,4	1	080961203
6*	4	1,4	1	080961204
8*	1	2,5	1	080961241
8*	2	2,5	1	080961242
8*	3	2,5	1	080961243
8*	4	2,5	1	080961244
10*	1	4,0	1	080961251
10*	2	4,0	1	080961252
10*	3	4,0	1	080961253
10*	4	4,0	1	080961254
13*	1	6,7	1	080961331
13*	2	6,7	1	080961332
13*	3	6,7	1	080961333
13*	4	6,7	1	080961334

8097/G10

lifting chain slings,
2 legs, with clevis grab hooks and locks,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical Product Specifications

D mm	L m	WLL ton		
6*	1	2	1	080971001
6*	2	2	1	080971002
6*	3	2	1	080971003
6*	4	2	1	080971004
8*	1	3,5	1	080971041
8*	2	3,5	1	080971042
8*	3	3,5	1	080971043
8*	4	3,5	1	080971044
10*	1	5,6	1	080971051
10*	2	5,6	1	080971052
10*	3	5,6	1	080971053
10*	4	5,6	1	080971054
13*	1	9,5	1	080971131
13*	2	9,5	1	080971132
13	3	9,5	1	080971133
13	4	9,5	1	080971134

8097SL/G10

lifting chain slings, 2 legs,
with self-locking and clevis grab hooks,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical Product Specifications

D mm	L m	WLL ton		
6*	1	2	1	080971201
6*	2	2	1	080971202
6*	3	2	1	080971203
6*	4	2	1	080971204
8*	1	3,5	1	080971241
8*	2	3,5	1	080971242
8*	3	3,5	1	080971243
8*	4	3,5	1	080971244
10*	1	5,6	1	080971251
10*	2	5,6	1	080971252
10*	3	5,6	1	080971253
10*	4	5,6	1	080971254
13*	1	9,5	1	080971331
13*	2	9,5	1	080971332
13	3	9,5	1	080971333
13	4	9,5	1	080971334

8098/G10

lifting chain slings, 4 legs,
with clevis grab hooks and safety latch,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical Product Specifications

D mm	L m	WLL ton		
6*	1	3	1	080981001
6*	2	3	1	080981002
6*	3	3	1	080981003
6*	4	3	1	080981004
8*	1	5,3	1	080981041
8*	2	5,3	1	080981042
8*	3	5,3	1	080981043
8*	4	5,3	1	080981044
10*	1	8	1	080981051
10	2	8	1	080981052
10	3	8	1	080981053
10	4	8	1	080981054
13	1	14	1	080981131
13	2	14	1	080981132
13	3	14	1	080981133
13	4	14	1	080981134

8098SL/G10

lifting chain slings,
4 legs, with self-locking and clevis grab hooks,
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	3	1	080981201
6*	2	3	1	080981202
6*	3	3	1	080981203
6*	4	3	1	080981204
8*	1	5,3	1	080981241
8*	2	5,3	1	080981242
8*	3	5,3	1	080981243
8*	4	5,3	1	080981244
10*	1	8	1	080981251
10	2	8	1	080981252
10	3	8	1	080981253
10	4	8	1	080981254
13	1	14	1	080981331
13	2	14	1	080981332
13	3	14	1	080981333
13	4	14	1	080981334

8100/G10

lifting chains,
high-tensile alloy steel
grade10

CE

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Manufacturer's Certificate EN818-2
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
1400	6	18	8,5	1	081001014
2500	8	24	11,0	1	081001025
4000	10	30	13,5	1	081001040
6700	13	39	16,9	1	081001067

8085R/G10

lifting master links,
high-tensile alloy steel
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

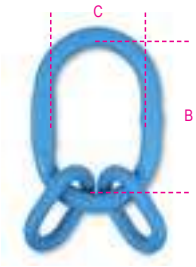
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
1900	7	110	60	1	080851019
2500	8	110	60	1	080851025
4000	10	135	75	1	080851040
6700	13	160	90	1	080851067
10000	16	180	100	1	080851100

8086/G10

lifting master link assemblies
alloy steel, painted
grade 10

CE



TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	C mm		
4000	7	135	75	1	080861040
5300	8	160	90	1	080861053
8000	10	180	100	1	080861080
14000	13	200	110	1	080861114

8090R/G10

lifting connecting links
alloy steel, painted
grade 10

CE

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	ØC mm		
1400	6	7,5	13,2	1	080901014
2500	8	10	18,7	1	080901025
4000	10	12,5	23,2	1	080901040
6700	13	27,5	27,3	1	080901067

8060R/G10

CE

TECHNICAL DATA
- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	C mm		
1400	6	19,5	1	080601014
2500	8	25,5	1	080601025
4000	10	33	1	080601040
6700	13	40,5	1	080601067

8058R/G10

CE

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	J mm		
1400	6	29	1	080581014
2500	8	34	1	080581025
4000	10	44	1	080581040
6700	13	52	1	080581067

8061R/G10

CE

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	E mm		
1400	6	7,6	1	080611014
2500	8	9,5	1	080611025
4000	10	12	1	080611040
6700	13	15,5	1	080611067

8052/G10

CE

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm		
1400	18,5	1	080521014
2500	25,5	1	080521025
4000	31	1	080521040
6700	39,5	1	080521067

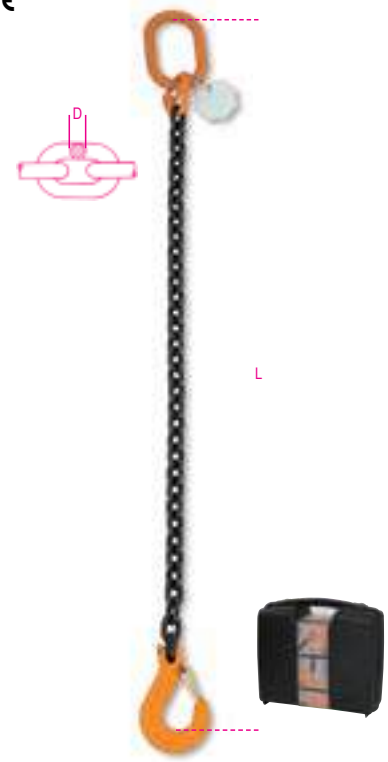
WLL Ton Grado 8		UNI EN 818	
ø D mm	WLL 1	0° < β ≤ 45°	45° < β ≤ 60°
6	1,12	1,6	1,12
7	1,5	2,12	1,5
8	2	2,8	2
10	3,15	4,25	3,15
13	5,3	7,5	5,3
16	8	11,2	8
20	12,5	17	12,5

ø D mm	0° < β ≤ 45°	45° < β ≤ 60°
6	2,36	1,7
7	3,15	2,24
8	4,25	3
10	6,7	4,75
13	11,2	8
16	17	11,2
20	26,5	19

8091

lifting chain slings, 1 leg
grade 8

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

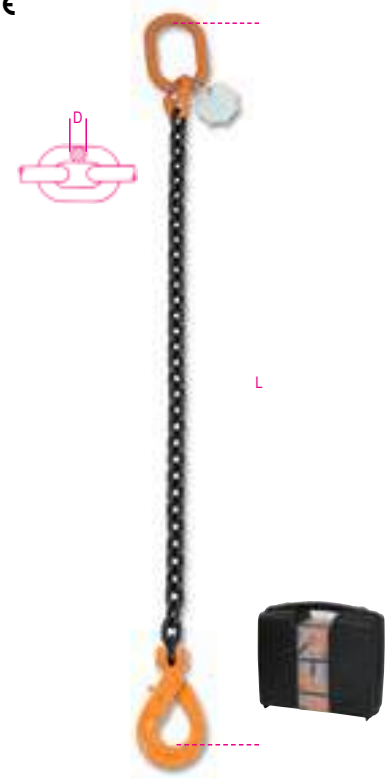
D mm	L m	WLL ton		
6*	1	1,12	1	080910001
6*	2	1,12	1	080910002
6*	3	1,12	1	080910003
6*	4	1,12	1	080910004
7*	1	1,5	1	080910021
7*	2	1,5	1	080910022
7*	3	1,5	1	080910023
7*	4	1,5	1	080910024
8*	1	2	1	080910041
8*	2	2	1	080910042
8*	3	2	1	080910043
8*	4	2	1	080910044
10*	1	3,15	1	080910051
10*	2	3,15	1	080910052
10*	3	3,15	1	080910053
10*	4	3,15	1	080910054
13*	1	5,3	1	080910131
13*	2	5,3	1	080910132
13*	3	5,3	1	080910133
13*	4	5,3	1	080910134
16*	1	8	1	080910161
16*	2	8	1	080910162
16*	3	8	1	080910163
16*	4	8	1	080910164
20	1	12,5	1	080910171
20	2	12,5	1	080910172
20	3	12,5	1	080910173
20	4	12,5	1	080910174

*** packed in plastic case**

8091SL

lifting chain slings,
1 leg, self-locking hook,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,12	1	080910201
6*	2	1,12	1	080910202
6*	3	1,12	1	080910203
6*	4	1,12	1	080910204
7*	1	1,5	1	080910221
7*	2	1,5	1	080910222
7*	3	1,5	1	080910223
7*	4	1,5	1	080910224
8*	1	2	1	080910241
8*	2	2	1	080910242
8*	3	2	1	080910243
8*	4	2	1	080910244
10*	1	3,15	1	080910251
10*	2	3,15	1	080910252
10*	3	3,15	1	080910253
10*	4	3,15	1	080910254
13*	0,6	5,3	1	080910330
13*	1	5,3	1	080910331
13*	2	5,3	1	080910332
13*	3	5,3	1	080910333
13*	4	5,3	1	080910334
16*	0,6	8	1	080910360
16*	1	8	1	080910361
16*	2	8	1	080910362
16*	3	8	1	080910363
16*	4	8	1	080910364
20	1	12,5	1	080910401
20	2	12,5	1	080910402
20	3	12,5	1	080910403
20	4	12,5	1	080910404

*** Packed in plastic case**

8092
lifting chains sling, 2 legs
grade 8

CE

EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080920001
6*	2	1,6	1	080920002
6*	3	1,6	1	080920003
6*	4	1,6	1	080920004
7*	1	2,12	1	080920021
7*	2	2,12	1	080920022
7*	3	2,12	1	080920023
7*	4	2,12	1	080920024
8*	1	2,8	1	080920041
8*	2	2,8	1	080920042
8*	3	2,8	1	080920043
8*	4	2,8	1	080920044
10*	1	4,25	1	080920051
10*	2	4,25	1	080920052
10*	3	4,25	1	080920053
10*	4	4,25	1	080920054
13*	1	7,5	1	080920131
13*	2	7,5	1	080920132
13	3	7,5	1	080920133
13	4	7,5	1	080920134
16*	1	11,2	1	080920161
16	2	11,2	1	080920162
16	3	11,2	1	080920163
16	4	11,2	1	080920164
20	2	17,0	1	080920172
20	3	17,0	1	080920173
20	4	17,0	1	080920174

*** packed in plastic case**

8092SL
lifting chain slings,
2 legs, self-locking hook,
grade 8

CE

EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080920201
6*	2	1,6	1	080920202
6*	3	1,6	1	080920203
6*	4	1,6	1	080920204
7*	1	2,12	1	080920221
7*	2	2,12	1	080920222
7*	3	2,12	1	080920223
7*	4	2,12	1	080920224
8*	1	2,8	1	080920241
8*	2	2,8	1	080920242
8*	3	2,8	1	080920243
8*	4	2,8	1	080920244
10*	1	4,25	1	080920251
10*	2	4,25	1	080920252
10*	3	4,25	1	080920253
10*	4	4,25	1	080920254
13*	1	7,5	1	080920331
13*	2	7,5	1	080920332
13*	3	7,5	1	080920333
13*	4	7,5	1	080920334
16*	1	11,2	1	080920361
16*	2	11,2	1	080920362
16*	3	11,2	1	080920363
16*	4	11,2	1	080920364
20	2	17,0	1	080920402
20	3	17,0	1	080920403
20	4	17,0	1	080920404

*** Packed in plastic case**

8094
lifting chain sling, 4 legs
grade 8

CE

EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080940001
6*	2	2,36	1	080940002
6*	3	2,36	1	080940003
6*	4	2,36	1	080940004
7*	1	3,15	1	080940021
7*	2	3,15	1	080940022
7*	3	3,15	1	080940023
7*	4	3,15	1	080940024
8*	1	4,25	1	080940041
8*	2	4,25	1	080940042
8*	3	4,25	1	080940043
8	4	4,25	1	080940044
10*	1	6,7	1	080940051
10	2	6,7	1	080940052
10	3	6,7	1	080940053
10	4	6,7	1	080940054
13	1	11,2	1	080940131
13	2	11,2	1	080940132
13	3	11,2	1	080940133
13	4	11,2	1	080940134
16	1	17	1	080940161
16	2	17	1	080940162
16	3	17	1	080940163
16	4	17	1	080940164
20	2	26,5	1	080940172
20	3	26,5	1	080940173
20	4	26,5	1	080940174

*** packed in plastic case**

8094SL

lifting chain slings,
4 legs, self-locking hook,
grade 8

CE

EN 818-4

TECHNICAL DATA
- **safety factor: 4**
- **chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate UNI EN818-4**
- **CE Declaration of Conformity**

AVAILABLE CERTIFICATES
- **Technical product specifications**

D mm	L m	WLL ton		
6*	1	2,36	1	080940201
6*	2	2,36	1	080940202
6*	3	2,36	1	080940203
6*	4	2,36	1	080940204
7*	1	3,15	1	080940221
7*	2	3,15	1	080940222
7*	3	3,15	1	080940223
7*	4	3,15	1	080940224
8*	1	4,25	1	080940241
8*	2	4,25	1	080940242
8*	3	4,25	1	080940243
8	4	4,25	1	080940244
10*	1	6,7	1	080940251
10	2	6,7	1	080940252
10	3	6,7	1	080940253
10	4	6,7	1	080940254
13	1	11,2	1	080940331
13	2	11,2	1	080940332
13	3	11,2	1	080940333
13	4	11,2	1	080940334
16	1	17	1	080940361
16	2	17	1	080940362
16	3	17	1	080940363
16	4	17	1	080940364
20	2	26,5	1	080940402
20	3	26,5	1	080940403
20	4	26,5	1	080940404

*** Packed in plastic case**

8096

lifting chain sling, 1 leg
with clevis grab hook,
grade 8

CE

EN 818-4

TECHNICAL DATA
- **safety factor: 4**
- **chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate UNI EN818-4**
- **CE Declaration of Conformity**

AVAILABLE CERTIFICATES
- **Technical product specifications**

D mm	L m	WLL ton		
6*	1	1,12	1	080960001
6*	2	1,12	1	080960002
6*	3	1,12	1	080960003
6*	4	1,12	1	080960004
7*	1	1,5	1	080960021
7*	2	1,5	1	080960022
7*	3	1,5	1	080960023
7*	4	1,5	1	080960024
8*	1	2	1	080960041
8*	2	2	1	080960042
8*	3	2	1	080960043
8*	4	2	1	080960044
10*	1	3,15	1	080960051
10*	2	3,15	1	080960052
10*	3	3,15	1	080960053
10*	4	3,15	1	080960054
13*	1	5,3	1	080960131
13*	2	5,3	1	080960132
13*	3	5,3	1	080960133
13*	4	5,3	1	080960134
16*	1	8	1	080960161
16*	2	8	1	080960162
16*	3	8	1	080960163
16	4	8	1	080960164
20	1	12,5	1	080960171
20	2	12,5	1	080960172
20	3	12,5	1	080960173
20	4	12,5	1	080960174

*** packed in plastic case**

8096SL

lifting chain slings,
1 leg, with self-locking and clevis grab hooks,
grade 8

CE

EN 818-4

TECHNICAL DATA
- **safety factor: 4**
- **chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate UNI EN818-4**
- **CE Declaration of Conformity**

AVAILABLE CERTIFICATES
- **Technical product specifications**

D mm	L m	WLL ton		
6*	1	1,12	1	080960201
6*	2	1,12	1	080960202
6*	3	1,12	1	080960203
6*	4	1,12	1	080960204
7*	1	1,5	1	080960221
7*	2	1,5	1	080960222
7*	3	1,5	1	080960223
7*	4	1,5	1	080960224
8*	1	2	1	080960241
8*	2	2	1	080960242
8*	3	2	1	080960243
8*	4	2	1	080960244
10*	1	3,15	1	080960251
10*	2	3,15	1	080960252
10*	3	3,15	1	080960253
10*	4	3,15	1	080960254
13*	1	5,3	1	080960331
13*	2	5,3	1	080960332
13*	3	5,3	1	080960333
13*	4	5,3	1	080960334
16*	1	8	1	080960361
16*	2	8	1	080960362
16*	3	8	1	080960363
16	4	8	1	080960364
20	1	12,5	1	080960401
20	2	12,5	1	080960402
20	3	12,5	1	080960403
20	4	12,5	1	080960404

*** Packed in plastic case**

8097

lifting chain sling, 2 legs
with clevis grab hooks,
grade 8

EN 818-4

TECHNICAL DATA
- **safety factor: 4**
- **chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate UNI EN818-4**
- **CE Declaration of Conformity**

AVAILABLE CERTIFICATES
- **Technical product specifications**

D mm	L m	WLL ton		
6*	1	1,6	1	080970001
6*	2	1,6	1	080970002
6*	3	1,6	1	080970003
6*	4	1,6	1	080970004
7*	1	2,12	1	080970021
7*	2	2,12	1	080970022
7*	3	2,12	1	080970023
7*	4	2,12	1	080970024
8*	1	2,8	1	080970041
8*	2	2,8	1	080970042
8*	3	2,8	1	080970043
8*	4	2,8	1	080970044
10*	1	4,25	1	080970051
10*	2	4,25	1	080970052
10*	3	4,25	1	080970053
10*	4	4,25	1	080970054
13*	1	7,5	1	080970131
13*	2	7,5	1	080970132
13	3	7,5	1	080970133
13	4	7,5	1	080970134
16	1	11,2	1	080970161
16	2	11,2	1	080970162
16	3	11,2	1	080970163
16	4	11,2	1	080970164
20	2	17,0	1	080970172
20	3	17,0	1	080970173
20	4	17,0	1	080970174

*** packed in plastic case**

8097SL

lifting chain slings,
2 legs, with self-locking and clevis grab hooks,
grade 8

EN 818-4

TECHNICAL DATA
- **safety factor: 4**
- **chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate UNI EN818-4**
- **CE Declaration of Conformity**

AVAILABLE CERTIFICATES
- **Technical product specifications**

D mm	L m	WLL ton		
6*	1	1,6	1	080970201
6*	2	1,6	1	080970202
6*	3	1,6	1	080970203
6*	4	1,6	1	080970204
7*	1	2,12	1	080970221
7*	2	2,12	1	080970222
7*	3	2,12	1	080970223
7*	4	2,12	1	080970224
8*	1	2,8	1	080970241
8*	2	2,8	1	080970242
8*	3	2,8	1	080970243
8*	4	2,8	1	080970244
10*	1	4,25	1	080970251
10*	2	4,25	1	080970252
10*	3	4,25	1	080970253
10*	4	4,25	1	080970254
13*	1	7,5	1	080970331
13*	2	7,5	1	080970332
13	3	7,5	1	080970333
13	4	7,5	1	080970334
16	1	11,2	1	080970361
16	2	11,2	1	080970362
16	3	11,2	1	080970363
16	4	11,2	1	080970364
20	2	17,0	1	080970402
20	3	17,0	1	080970403
20	4	17,0	1	080970404

*** Packed in plastic case**

8098

lifting chain sling, 4 legs
with clevis grab hooks,
grade 8

EN 818-4

TECHNICAL DATA
- **safety factor: 4**
- **chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate UNI EN818-4**
- **CE Declaration of Conformity**

AVAILABLE CERTIFICATES
- **Technical product specifications**

D mm	L m	WLL ton		
6*	1	2,36	1	080980001
6*	2	2,36	1	080980002
6*	3	2,36	1	080980003
6*	4	2,36	1	080980004
7*	1	3,15	1	080980021
7*	2	3,15	1	080980022
7*	3	3,15	1	080980023
7*	4	3,15	1	080980024
8*	1	4,25	1	080980041
8*	2	4,25	1	080980042
8*	3	4,25	1	080980043
8	4	4,25	1	080980044
10*	1	6,7	1	080980051
10	2	6,7	1	080980052
10	3	6,7	1	080980053
10	4	6,7	1	080980054
13	1	11,2	1	080980131
13	2	11,2	1	080980132
13	3	11,2	1	080980133
13	4	11,2	1	080980134
16	1	17	1	080980161
16	2	17	1	080980162
16	3	17	1	080980163
16	4	17	1	080980164
20	2	26,5	1	080980172
20	3	26,5	1	080980173
20	4	26,5	1	080980174

*** packed in plastic case**

8098SL

lifting chain slings,
4 legs, with self-locking and clevis grab hooks,
grade 8

EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

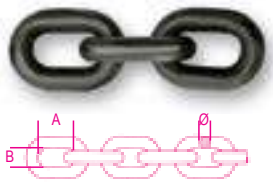
AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080980201
6*	2	2,36	1	080980202
6*	3	2,36	1	080980203
6*	4	2,36	1	080980204
7*	1	3,15	1	080980221
7*	2	3,15	1	080980222
7*	3	3,15	1	080980223
7*	4	3,15	1	080980224
8*	1	4,25	1	080980241
8*	2	4,25	1	080980242
8	3	4,25	1	080980243
8*	4	4,25	1	080980244
10*	1	6,7	1	080980251
10	2	6,7	1	080980252
10	3	6,7	1	080980253
10	4	6,7	1	080980254
13	1	11,2	1	080980331
13	2	11,2	1	080980332
13	3	11,2	1	080980333
13	4	11,2	1	080980334
16	1	17	1	080980361
16	2	17	1	080980362
16	3	17	1	080980363
16	4	17	1	080980364
20	2	26,5	1	080980402
20	3	26,5	1	080980403
20	4	26,5	1	080980404

*** Packed in plastic case**

8100

lifting chains,
high-tensile alloy steel



EN 818-2

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

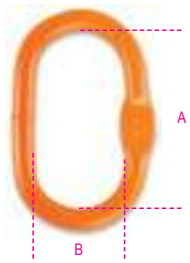
AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Manufacturer's Certificate EN818-2
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
1120	6	18	7,8	1	081000011
1500	7	21	9,1	1	081000016
2000	8	24	10,4	1	081000020
3150	10	30	13,0	1	081000032
5300	13	39	16,9	1	081000053
8000	16	48	20,8	1	081000080
12500	20	60	26,0	1	081000125

8085R

lifting master links,
high-tensile alloy steel

WLL relates to use with 1 chain slings.



EN 1677-4

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

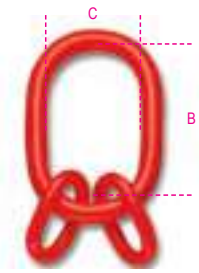
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
* 1600	7	110	60	1	080850215
** 2120	8	110	60	1	080850220
3150	10	135	75	1	080850232
5300	13	160	90	1	080850253
8000	16	180	100	1	080850280
11200	19	200	110	1	080850311
16000	20	260	140	1	080850316
17000	22	300	160	1	080850317

*** Comes with chain ø 6, WLL= 1120 kg**

8086

lifting master link assemblies
alloy steel, painted



EN 1677-4

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

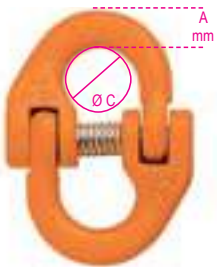
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	C mm		
* 3150	7	135	75	1	080860021
4250	8	160	90	1	080860042
6700	10	180	100	1	080860067
11200	13	200	110	1	080860100
17000	16	260	140	1	080860117
21200	18	340	180	1	080860121
26500	20	350	190	1	080860126

The working load refers toslings 3 or 4 arms and angle ß less than 45°.
(*) Combined with ø 6mmchain, WLL= 2360 kg

8090R

lifting connecting links
alloy steel, painted



EN 1677-1

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	ØC max	A mm		
1120	6	13	7,5	1	080900111
1500	7	18	9	1	080900115
2000	8	18	11	1	080900120
3150	10	22	13,0	1	080900131
5300	13	30	16	1	080900153
8000	16	32	22	1	080900180
12500	20	40	25	1	080900312

8060R
Clevis chain hooks,
high-tensile alloy steel

CE

EN 1677-2

TECHNICAL DATA
- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	C mm		
1120	6	19	1	080600111
1500	7	19	1	080600115
2000	8	21	1	080600120
3150	10	27	1	080600132
5300	13	35	1	080600153
8000	16	48	1	080600180
12500	20	54	1	080600225

8058R
self-locking lifting hooks,
Clevis type,
high-tensile alloy steel

CE

EN 1677-3

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	J min mm		
1120	6	28	1	080580112
2000	7-8	34	1	080580120
3150	10	44	1	080580132
5300	13	52	1	080580153
8000	16	67	1	080580180
12500	20	77	1	080580225

8061R
Clevis grab hooks
with safety latch,
high-tensile alloy steel

CE

EN 1677-1

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	E mm		
1120	6	8	1	080610211
2000	7-8	11	1	080610220
3150	10	13	1	080610231
5300	13	17	1	080610253
8000	16	20	1	080610280
12500	20	24	1	080610312

8057R
self-locking lifting hooks,
eye type,
high-tensile alloy steel

CE

EN 1677-3

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	J min mm	ØB mm		
1120	6	28	22	1	080570112
2000	7-8	34	25	1	080570120
3150	10	44	32	1	080570132
5300	13	54	40	1	080570153

8052 - 8055S
wire rope eye hooks,
high-tensile alloy steel

CE

EN 1677-2

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL kg	C mm		
8052 0,8	800	18	1	080520008
8052 1,12	1120	22,5	1	080520011
8052 2	2000	30	1	080520020
8052 3,15	3150	36	1	080520031
8052 4	4000	39,5	1	080520040
8055S 5,4	5400	40	1	080550145
8055S 8,0	8000	51	1	080550170
8055S 11,5	11500	58	1	080550215
8055S 16,0	16000	66	1	080550260
8055S 22,0	22000	87	1	080550320

8063
lifting swivel hooks
(in unloaded condition)
high-tensile alloy steel

CE

EN 1677-1

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

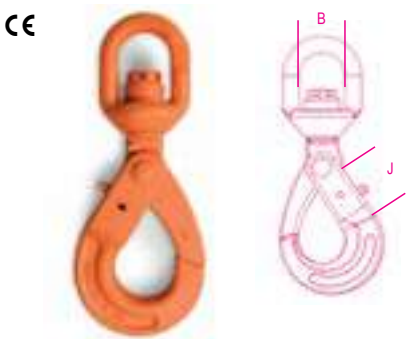
LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	A mm	E mm		
800	32	20,5	1	080630008
1120	38	20,5	1	080630011
2000	44,5	22	1	080630020
3150	44,5	27	1	080630031

8063SL

self-locking swivel hooks
(not under load)
high-tensile alloy steel
grade 8



EN 1677-1

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

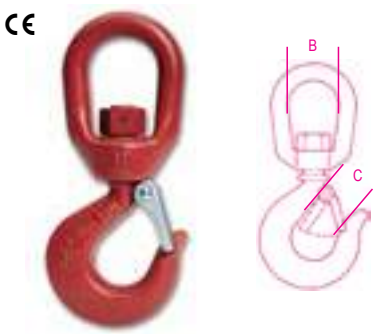
LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	J mm		
1120	6	32	45	1	080630311
2000	8	35	59	1	080630320
3150	10	42	54	1	080630331
5300	13	49	83	1	080630353

8064S

swivel lifting hooks
(not under load)
carbon steel, painted



EN 1677-5

TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

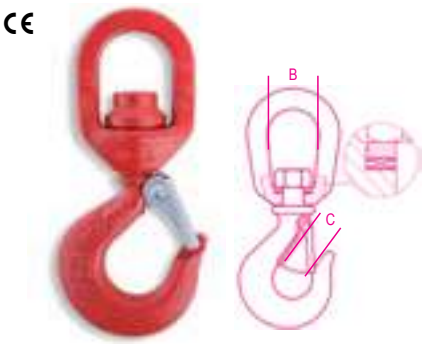
LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm		
800	31	20	1	080640107
1000	40	22	1	080640110
1600	47	23	1	080640115
2000	47	27	1	080640120
3200	64	35	1	080640130
5000	77	43	1	080640150
7500	90	53	1	080640175
10000	96	58	1	080640199

8065SC

swivel load lifting hooks
carbon steel, painted



EN 1677-5

TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

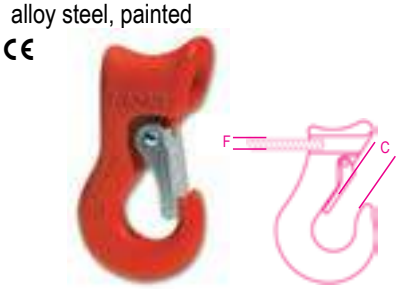
LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm		
800	38	20	1	080650107
1000	38	22	1	080650110
1600	47	23	1	080650115
2000	47	27	1	080650120
3200	54	35	1	080650130
5000	72	43	1	080650150
7500	82	53	1	080650175

8062

slip hooks
alloy steel, painted



TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
1500	19	10-13	1	080620013
2000	21	16	1	080620016
3000	26	18	1	080620018

8051S

lifting eye hooks,
carbon steel, galvanized

TECHNICAL DATA
- safety factor: 4
- heat treatment: normalizing
- traceability code

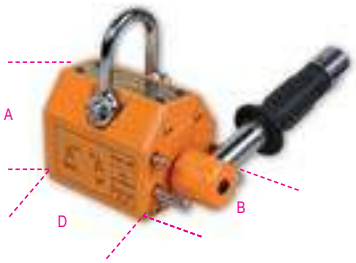
LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
250	14	12	10	080510202
500	18	16,5	5	080510205

8134

permanent magnetic lifters



EN13155

Technical data:
- Safety factor: 3
- Identification tag

Available certificates:
- Manufacturer's Certificate
- Declaration of Conformity with Machinery Directive 2006/42/EC
- Test Report UNI EN10204 type 2.2
- Operation and maintenance manual

WLL kg	A mm	B mm	D mm		
100	70	64	92	1	081340010
300	96	88	165	1	081340030
600	120	118	236	1	081340060
1000	168	168	264	1	081340100

Robur

8135

Lifting clamps for flat steel surfaces
with a max hardness of 30HRC/300HB
with articulated lifting eyes

EN13155

TECHNICAL DATA
- **Safety factor: 3**
- **Serial number identification plate**

AVAILABLE CERTIFICATES
- **Manufacturer's Certificate**
- **CE Declaration of Conformity**
- **Test report UNI EN10204 type 2.2**
- **Technical product specifications**

WLL t	A mm	E mm	kg		
0,75	0-15	27	2	1	081350005
1,0	0-20	48	5	1	081350010
2,0	0-25	67	8	1	081350020
3,0	0-30	75	15	1	081350032
5,0	0-50	80	23	1	081350050

8135H

horizontal lifting clamps for flat surfaces,
max. hardness 30HRC/300HB

EN13155

Technical data:
- **Safety factor: 3**
- **Serial number identification plate**

Available certificates:
- **Manufacturer's Certificate**
- **CE Declaration of Conformity**
- **Test report UNI EN10204 type 2.2**

WLL t	A mm	E mm	kg		
0,75	25	22	2,5	1	081350307
1,5	30	25	4,0	1	081350315
3,0	45	30	6,0	1	081350330

8135/HS

Chain slings, 2 legs,
with horizontal steel plate lifting clamps

Chain slings, 2 legs,
with horizontal steel plate lifting clamps

Ø mm	α max 60° (t)	α max 90° (t)	L m		
8	1,5	1,12	3	1	081350213
10	3,0	2,25	3	1	081350233
13	6,0	4,50	3	1	081350263

SELF-LOCKING HOISTS

Robur's hoists, which **comply with the European standard, EN 13157, and are TÜV-certified**, are professional models made from first-rate materials, designed for intensive use.

As well as the standard range, we also supply hoists **with customized chain lengths** and swivel self-locking hooks, for automatic locking under load conditions, with a view to satisfying individual requirements.

8143

hand chain blocks

EN13157

Technical Data:
- **Safety factor: 4**
- **Identification tag**

Available Certificates:
- **Manufacturer's Certificate**
- **CE Declaration of Conformity**
- **Test Report UNI EN10204 type 2.2**
- **Technical Product Specifications**

WLL t	L m	sforzo / effort kg	N° tiri/ falls nr.		
0,5	3	27	1	1	081430005
1	3	44	1	1	081430010
1,5	3	44	1	1	081430015
2	3	44	1	1	081430020
3	3	45	2	1	081430030
5	3	47	2	1	081430050
10	3	52	4	1	081430100
0,5	6	27	1	1	081430105
1	6	44	1	1	081430110
1,5	6	44	1	1	081430115
2	6	44	1	1	081430120
3	6	45	2	1	081430130
5	6	47	2	1	081430150
10	6	52	4	1	081430200

8143SL
hand chain blocks
with self-locking hooks

EN13157

Technical data:
- **Safety factor: 4**
- **Serial identification tag**

Available certificates:
- **Manufacturer's Certificate**
- **CE Declaration of Conformity**
- **Test Report UNI EN10204 type 2.2**
- **Technical Product Specifications**

WLL t	L m	sforzo / effort kg	N° tiri/ N° falls		
1	3	44	1	1	081430310
2	3	44	1	1	081430320
1	6	44	1	1	081430410
2	6	44	1	1	081430420

8145VX
hand chain blocks,
compact

EN13157
TUV SUD *portata da 500 kg

Technical data:
- **Safety factor: 4**
- **Serial identification tag**

Available certificates:
- **Manufacturer's Certificate**
- **CE Declaration of Conformity**
- **Test Report UNI EN10204 type 2.2**
- **Technical Product Specifications**

WLL kg	L m	sforzo / effort kg		
125	2,5	26	1	081450001
500	2,5	21	1	081450005

8146
lever hoists

EN13157

TECHNICAL DATA
safety factor: 4
identification tag
AVAILABLE CERTIFICATES
Manufacturer's Certificate
CE Declaration of Conformity
Test Report UNI EN10204 type 2.2
Technical Product Specifications

WLL t	L m	sforzo / effort kg	N° tiri/ N° falls		
0,75	1,5	21*	1	1	081460008
1,5	1,5	41*	1	1	081460015
3,0	1,5	41	1	1	081460030
6,0	1,5	46	2	1	081460060
0,75	3,0	21*	1	1	081460108
1,5	3,0	41*	1	1	081460115
3,0	3,0	41	1	1	081460130
6,0	3,0	46	2	1	081460160

H= minimum distance between hooks
(*) equipped with overload protection system

8146SL
hand lever hoists
with self-locking hooks

EN13157

TECHNICAL DATA
- **Safety factor: 4**
- **Serial identification tag**

AVAILABLE CERTIFICATES
- **Manufacturer's Certificate**
- **CE Declaration of Conformity**
- **Test Report UNI EN10204 type 2.2**
- **Technical Product Specifications**

WLL t	L m	sforzo / effort kg	N° tiri/ N° falls		
0,75	1,5	21	1	1	081460308
1,5	1,5	41	1	1	081460315
3,0	1,5	41	1	1	081460330
0,75	3,0	21	1	1	081460408
1,5	3,0	41	1	1	081460415
3,0	3,0	41	1	1	081460430

8146C
lever hoist, compact

Technical data:
- Safety factor: 4
- Identification tag

Available Certificates:
- Manufacturer's Certificate
- CE Declaration of Conformity
- Test Report UNI EN10204 type 2.2
- Technical Product Specifications

WLL t	L m	sforzo / effort kg		
0,25	1,5	20,7	1	081460002

H= minimum distance between hooks

8149B
block chain bags,
made from fabric, black

F mm	C mm		
120	350	1	081490612
145	450	1	081490614

COMBINATION WITH HOISTS		
	8143 t	8143 L m
120	0,5 1,0 1,5 2,0 3,0	3/6 3/6 3/6 3/6 3
145	3 5 10	6 3/6 3

TROLLEYS AND BEAM CLAMPS FOR HOISTS

Designed in compliance with EN 13157, the **trolleys for manual hoists** effectively support the handling of heavy loads.

The **wheels with rolling bearings**, **end-of-stroke protection, anti-derailment flaps** and **normalized steel central screw** translate into safe, firm fixing products.

The **beam clamps** mean a simple, convenient solution for **temporary or semi-permanent suspension on structural beams.**

Complete traceability for our products is ensured by the identification tag with batch number and serial identification number.

8147C
chain trolleys
for manual hoists
suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

EN 13157

Technical data:
- Safety factor: 4
- Identification tag

Available certificates:
- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	L min mm	L max mm	Lm		
1,0	58	220	3	1	081470510
2,0	66	220	3	1	081470520
3,0	74	220	3	1	081470530
5,0	90	220	3	1	081470550

Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

8147S
push trolleys
for manual beam clamps
suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

EN 13157

Technical data:
- Safety factor: 4
- Identification tag

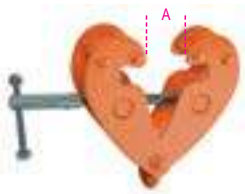
Available certificates:
- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	L min mm	L max mm	øF mm		
0,5	50	220	25	1	081470005
1,0	58	220	30	1	081470010
2,0	66	220	40	1	081470020

Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

8147P
beam clamps for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)



Technical data:
- Safety factor: 4
- Identification tag

Available certificates:
- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	A min mm	A max mm		
1,0	90	180	1	081470210
2,0	90	190	1	081470220
3,0	85	280	1	081470230
5,0	85	280	1	081470250

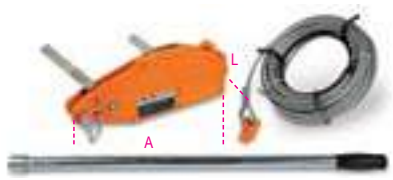
Robur

8148

manual rope winch,
aluminium alloy body,
complete with operating lever, rope and hook

Lightweight and portable, the Robur manual rope winch complies with EN 13157, is made from high-quality materials and is suitable for lifting, pulling, tensioning and fixing loads in all directions through the operating lever.
Generally connected to a fixed lashing point, it allows for highly precise load positioning and ensures safe operation in all directions - horizontal, vertical and tilted. Based on its compact, handy design, it is easy to install and use.
The Robur manual winch makes it possible to use ropes in any length, and its capacity can be increased by a factor of 2, 3, 4 or more - provided that its frame is inspected -, by using guide rollers and hooks with blocks in accordance with the reference standard.

CE



EN 13157

• Safety factor: 4:1

WLL t	L m	A mm	ø f mm		
0,8	20	426	8,3	1	081480008
1,6	20	545	11	1	081480016
3,2	20	660	16	1	081480032
0,8	30	426	8,3	1	081480108
1,6	30	545	11	1	081480116
3,2	30	660	16	1	081480132
0,8	50	426	8,3	1	081480308
1,6	50	545	11	1	081480316
3,2	50	660	16	1	081480332

8148F

strand rope made from galvanized steel
wound on a crosspiece
with high tensile hook

CE

WLL t	L m	øF		
0,8	20	8,3	1	081480520
1,6	20	11	1	081480521
3,2	20	16	1	081480523
0,8	30	8,3	1	081480530
1,6	30	11	1	081480531
3,2	30	16	1	081480533
0,8	50	8,3	1	081480550
1,6	50	11	1	081480551
3,2	50	16	1	081480553

8120

Genovese chains
for static connections,
galvanised

TECHNICAL DATA
• safety factor: 4
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

Ø mm	nr	WFL kg	m		
1,5	10	8	150	1	081200015
1,6	12	15	150	1	081200016
2,2	14	25	75	1	081200022
2,7	16	40	75	1	081200027
3,0	17	55	75	1	081200030
3,4	18	100	60	1	081200034
3,8	19	110	50	1	081200038
4,4	20	200	40	1	081200044
4,8	21	250	30	1	081200048
5,5	22	300	25	1	081200055
5,8	23	310	25	1	081200058
6,5	24	400	25	1	081200065
7,0	25	450	25	1	081200070
7,5	26	550	20	1	081200075
* **8,0**	27	600	25	1	081200080
* **9,0**	28	800	25	1	081200090
* **10,0**	30	1000	20	1	081200100
* **12,0**	32	1400	15	1	081200120

Caution: product NOT designed for lifting purposes

(*) available in COILS

Robur

8120B

Genovese chains
for static connections,
galvanised

TECHNICAL DATA
• safety factor: 4
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report type 2.2 UNI EN10204

Ø mm	nr	WFL kg	m		
1,5	10	8	200	1	081200315
1,6	12	15	200	1	081200316
2,2	14	25	100	1	081200322
2,7	16	40	100	1	081200327
3,0	17	55	75	1	081200330
3,4	18	100	100	1	081200334
3,8	19	110	75	1	081200338
4,4	20	200	50	1	081200344
4,8	21	250	50	1	081200348
5,5	22	300	40	1	081200355
5,8	23	310	30	1	081200358
6,5	24	400	30	1	081200365
7,0	25	450	25	1	081200370
7,5	26	550	25	1	081200375
8,0	27	600	15	1	081200380
9,0	28	800	15	1	081200390
10,0	30	1000	10	1	081200400
12,0	32	1400	8	1	081200420

Caution: NOT for lifting

8121MZC

Genovese chains
for static connections,
hot-dip galvanized

AVAILABLE CERTIFICATES
• Product specification
• Test report UNI EN10204 type 2.2

Ø mm	nr	WFL kg	m		
6,0	23	310	50	1	081210306
8,0	27	600	50	1	081210308
10,0	30	1000	50	1	081210310
12,0	32	1400	50	1	081210312
14,0	34	1800	50	1	081210314

8120D

calibrated chains DIN766
electrolytic galvanized
available in any length on request (>30m)

TECHNICAL DATA
• safety factor: 4
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

Ø mm	P mm	WFL kg	m		
4	16	200	30	1	081200640
5	18,5	320	30	1	081200650
6	18,5	400	30	1	081200660
7	22	630	30	1	081200670
8	24	800	30	1	081200680
10	28	1250	30	1	081200700

calibrated chains DIN766
HOT-DIP galvanized

Ø mm	P mm	WFL kg	m		
4	16	200	30	1	081200840
5	18,5	320	30	1	081200850
6	18,5	400	30	1	081200860
7	22	630	30	1	081200870
8	24	800	30	1	081200880
10	28	1250	30	1	081200900

8129

barrier chain,
made of galvanized metal painted in red and white

Ø mm	m		
5	30	1	081290050

Caution: NOT for lifting or anchoring

8130

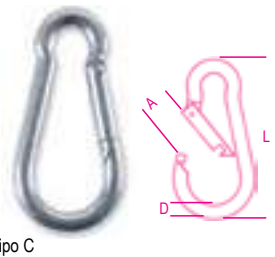
antitheft chains, made of alloy steel,
case-hardened, tempered,
galvanised

AVAILABLE CERTIFICATES:
Test report UNI EN10204 type 2.2

Ø mm	L mm		
6	800	1	081300068
8	1000	1	081300081
8	1200	1	081300082
10	1500	1	081300105

8074

carabine hooks,
for general connections
galvanized
NOT personal protective equipment



DIN 5299 tipo C

TECHNICAL DATA
• safety factor: 4
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

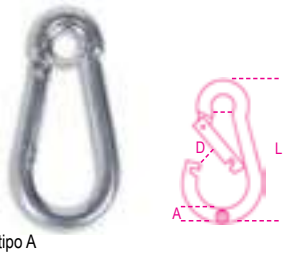
DxL mm	A mm	WFL kg		
* **4x40**	6	20	100	080740040
5x50	7	30	100	080740050
6x60	8	40	100	080740060
7x70	9	60	50	080740070
8x80	11	75	50	080740080
9x90	12	100	25	080740090
10x100	13	120	25	080740100
11x120	16	140	20	080740101
12x140	22	140	15	080740102
13x160	24	200	10	080740103
* **14x180**	32	250	5	080740104

special packaging

DxL mm	A mm			
6x60	8	50	1	080740760
7x70	9	25	1	080740770
8x80	11	25	1	080740780
9x90	12	15	1	080740790
10x100	13	15	1	080740800
11x120	16	10	1	080740801
12x140	22	10	1	080740802

8074A

ring carabine hooks,
for general connections
galvanized
NOT personal protective equipment



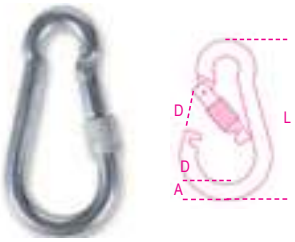
DIN 5299 tipo A

TECHNICAL DATA
• safety factor: 4
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg		
6x60	8,7	40	50	080740406
8x80	10,5	75	25	080740408
10x100	13,3	120	10	080740410

8074G

carabine hooks with screw nut,
for general connections
galvanized
NOT personal protective equipment



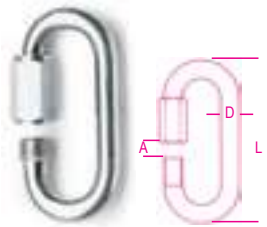
TECHNICAL DATA
• safety factor: 4
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg		
5x50	7,5	30	50	080740305
6x60	8,5	40	50	080740306
8x80	10,3	75	25	080740308
10x100	10,6	120	10	080740310

8080

quick links,
for general connections
galvanized

NOT personal protective equipment



TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg		
3,5x36	5	20	100	080800003
4x40	6	30	100	080800004
5x49	6	50	100	080800005
6x57	8	60	100	080800006
7x66	8	100	50	080800007
8x74	11	140	50	080800008
9x80	11	160	25	080800009
10x89	11	220	25	080800010
12x105	15	300	20	080800012
14x122	16,5	400	3	080800014

8050 D1÷D45

safety locks and spare parts kit for eye hooks

8050D1 8064S-8065SC/800-8055S/1250	1	080500945
8050D2 8064S-8065SC/1000 8062/1500-8055S/1600	1	080500946
8050D3 8064S-8065SC/1600-2000 8055S/2500-3200	1	080500947
8050D4 8064S-8065SC/3200-8055S/5400	1	080500948
8050D5 8064S-8065SC/5000-8055S/8000	1	080500949
8050D6 8064S/7500-8055S/11500	1	080500950
8050D11 8062/2000	1	080500955
8050D12 8062/3000	1	080500956
8050D13 8062/5000	1	080500957
8050D22 8064S/10000 8055S/16000	1	080500966
8050D23 8055S/22000	1	080500967
8050D24 8051S/250	1	080500969
8050D25 8051S/500	1	080500970
8050D32 8060/8000	1	080500977
8050D 33 8052/800	1	080500978
8050D 34 8052/1120	1	080500979
8050D 35 8052/2000	1	080500980
8050D 36 8052/3150	1	080500981
8050D 37 8052/4000	1	080500982
8050D38 8060R/1120	1	080500983
8050D53 8060R/1500	1	080500994
8050D39 8060R/2000	1	080500984
8050D40 8060R/3150-8060RG10/4000	1	080500985
8050D41 8060R/5300-8060RG10/6700	1	080500986
8050D42 8063/800	1	080500987
8050D43 8063/1120	1	080500988
8050D44 8063/2000	1	080500989
8050D45 8063/3150	1	080500990

8050D46 8061R/1120-8061RG10/1400	1	080500991
8050D47 8061R/2000-8061RG10/2500	1	080500992
8050D48 8061R/3150-8061RG10/4000	1	080500993
8050D54 8061R/5300	1	080500995
8050D30 8061R/8000	1	080500975

8050D49 8057R-8058R-8063SL /1120 8058RG10/1400	1	080500849
8050D50 8057R-8058R-8063SL /2000 8058RG10/2500	1	080500850
8050D51 8057R-8058R-8063SL /3150 8058RG10/4000	1	080500851
8050D52 8057R-8058R-8063SL /5300 8058RG10/6700	1	080500852

8143/RKL

kit of upper and lower hook latches
for hand chain hoists 8143

8143 WLL t		
0,5	1	081430500
1,0	1	081430501
1,5	1	081430499
2,0	1	081430502
3,0	1	081430503
5,0	1	081430504

8146/RKL

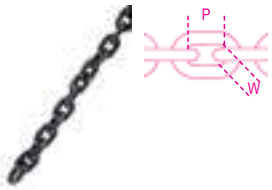
kit of upper and lower hook latches
for hand lever hoists 8146

8146 WLL t		
0,75	1	081460500
1,5	1	081460501
3,0	1	081460502
6,0	1	081460503

8149

lifting chains, high-tensile alloy steel

CE



EN 818-7

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	WLL Kg	P mm	W min		
4	500	12	4,8	1	081490012
5	800	15	6,0	1	081490015
6	1100	18	7,2	1	081490018
6,3	1200	19	7,6	1	081490019
8	2000	24	9,6	1	081490024
10	3200	30	12	1	081490030

8149CM

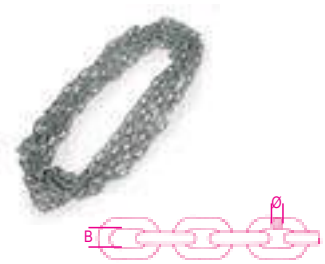
hand chains for chain blocks 8143

Ø mm	B mm	t mm		
4,8	8,2	22,2	1	081490901

*** CAUTION: Product is delivered in one length of chain, unless otherwise specified in order!**

8149 CMC

hand chains for trolleys 8147C



Ø mm	B mm		
4,7	7	1	081490600

STAINLESS STEEL

Robur INOX STAINLESS STEEL

Unlike general-purpose steel (AISI 304), steel AISI 316 as selected by Beta provides high resistance to weathering as well as to saline corrosion and salt and organic acid corrosion. Stainless steel AISI 316 has a high content of:

- **Chromium** (it forms a surface film which protects the underlying material from oxidation)
- **Molybdenum** (it increases corrosion resistance of chlorides, e.g. sea water and defrosting products)
- **Nickel** (it allows the steel frame to be kept stable in time)

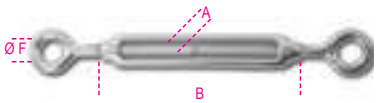
In addition, the low carbon content makes this steel more resistant to intergranular corrosion (a particular type of corrosion that can hardly be detected on the surface of the accessory and can trigger sudden breaks in corrosive environments).

Steel AISI 316 can boast some additional hallmarks: it is easy to clean, has an excellent hygienic coefficient, nonmagnetic properties, and good mechanical performance at low temperatures.

No doubt uniform, constant quality was, and still is, the main reliability factor of Robur's stainless steel products, as it ensures the same performance levels are achieved for all the production batches - yesterday as today and tomorrow.

8205

eye and eye turnbuckle
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

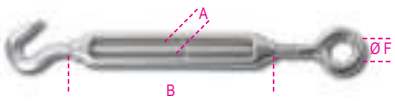
A mm	B mm	ø F mm	WFL kg		
M4	62	8	75	10	082050204
M5	72	11	115	10	082050205
M6	92	12	160	8	082050206
M8	122	14	300	8	082050208
M10	150	16	470	4	082050210
M12	201	18	690	1	082050212
M14	225	22	940	1	082050214
M16	244	26	1290	1	082050216
M20	295	29	2130	1	082050220
M24	350	33	3000	1	082050224

special packaging

A mm	B mm			
M4	62	5	1	082050704
M5	72	5	1	082050705
M6	92	4	1	082050706
M8	122	4	1	082050708
M10	150	2	1	082050710

8206

hook and eye turnbuckle
AISI 316



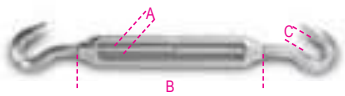
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø F mm	WFL kg		
M5	72	11	25	10	082060205
M6	92	12	45	5	082060206
M8	122	14	95	5	082060208
M10	150	16	140	1	082060210
M12	201	18	300	1	082060212
M14	225	22	420	1	082060214
M16	244	26	570	1	082060216
M20	295	29	875	1	082060220

8207

hook and hook turnbuckle
AISI 316



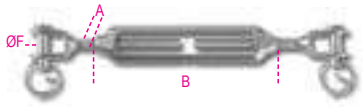
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	C mm	WFL kg		
M5	72	9	25	10	082070205
M6	92	9	45	5	082070206
M8	122	10	95	5	082070208
M10	150	12	140	1	082070210
M12	201	14	300	1	082070212
M14	225	15	420	1	082070214
M16	244	16	570	1	082070216
M20	295	19	875	1	082070220

8209

jaw and jaw turnbuckle
AISI 316



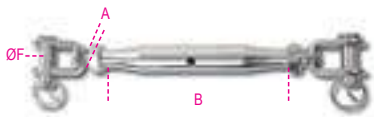
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø F mm	WFL kg		
M5	72	5	115	5	082090205
M6	92	6	160	5	082090206
M8	122	8	300	5	082090208
M10	150	10	470	1	082090210
M12	201	12	690	1	082090212
M14	225	14	940	1	082090214
M16	244	16	1290	1	082090216
M20	295	20	2130	1	082090220
M24	350	24	3060	1	082090224

8210

jaw and jaw pipe turnbuckle
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø F mm	WFL kg		
M5	81	5	115	3	082100205
M6	92	6	160	3	082100206
M8	112	8	300	1	082100208
M10	121	10	470	1	082100210
M12	150	12	690	1	082100212
M14	169	14	940	1	082100214
M16	190	16	1290	1	082100216
M20	220	20	2130	1	082100220

8201T
pipe bodies
AISI 316

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

Ø mm	Ø "	WFL kg	L mm		
M6	1/4	160	95	5	082010406
M8	5/16	300	105	5	082010408
M10	3/8	470	125	3	082010410
M12	1/2	690	150	3	082010412
M14	9/16	940	165	1	082010414
M16	5/8	1290	190	1	082010416
M20	3/4	2130	210	1	082010420

8248
eye tie rods,
stainless steel 316L,
right thread

UNI 6058

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ØxL mm	F mm		
8X120	6	1	082480008
10x80	8	1	082480010
10x130	8	1	082480012
12x95	10	1	082480016
12x125	10	1	082480018

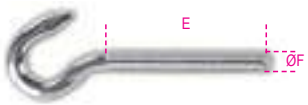
8249
fastening eyebolts, right thread
AISI 316

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	WFL kg	D mm		
M5	100	50	10	082490205
M6	160	55	10	082490206
M8	300	60	5	082490208
M10	470	80	5	082490210
M12	690	120	2	082490212

8249G
fastening hooks
AISI 316



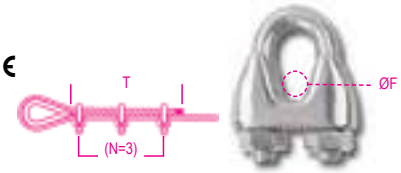
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

A mm	E mm	WFL kg		
M5	42	25	5	082490305
M6	55	45	5	082490306
M8	60	95	3	082490308

8216
wire rope clips
AISI 316

CE



LABORATORY TESTS
- chemical analysis
- torque test

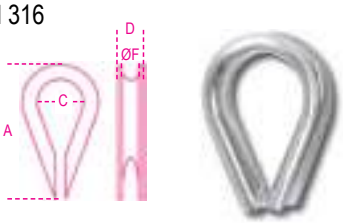
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

ø F mm	"	T	N		
2	5/64	80	3	20	082160202
3	1/8	80	3	20	082160203
4	5/32	80	3	20	082160204
5	3/16	110	3	20	082160205
6	1/4	120	5	10	082160206
8	5/16	210	5	10	082160208
10	3/8	240	5	8	082160210
12-13	1/2	300	5	5	082160213
16	5/8	335	5	5	082160216
20	3/4	540	5	5	082160220
22	7/8	595	7	3	082160222

special packaging

ø F mm	"			
2	5/64	10	1	082160702
3	1/8	10	1	082160703
4	5/32	10	1	082160704
5	3/16	10	1	082160705
6	1/4	5	1	082160706
8	5/16	5	1	082160708
10	3/8	4	1	082160710

8220
thimbles
AISI 316



LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø F mm	D mm	A mm	C mm		
2	4,5	21	7,5	15	082200202
3	6	24	10	15	082200203
4	6,6	28	11	10	082200204
5	8,5	30	13	10	082200205
6	10	37	15	10	082200206
8	12,5	51	23	5	082200208
10	14,6	56	27	5	082200210
12	18	68	32	5	082200212
14	19	69	34	5	082200214
16	22	83	37	5	082200216
18	23	81	38	1	082200218
20	27,8	105	45	1	082200220
22	29,6	112	45	1	082200222

8225
dee shackles
for general connections
AISI 316
NOT for lifting

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg		
4	5/32	8	50	20	082250204
5	3/16	11	70	20	082250205
6	1/4	13	100	10	082250206
8	5/16	17	250	10	082250208
10	3/8	21	400	8	082250210
12	1/2	25	600	3	082250212
16	5/8	32	1000	1	082250216
19	3/4	38	1600	1	082250219
22	7/8	43	2000	1	082250222
25	1	46	2800	1	082250225

special packaging

ø D mm	"			
4	5/32	10	1	082250704
5	3/16	10	1	082250705
6	1/4	5	1	082250706
8	5/16	5	1	082250708
10	3/8	4	1	082250710

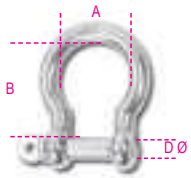
8227
long dee shackles
for general connections
AISI 316
NOT for lifting

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg		
4	5/32	8	50	10	082270204
5	3/16	10	70	10	082270205
6	1/4	13,5	100	5	082270206
8	5/16	17	250	5	082270208
10	3/8	21	400	2	082270210
12	1/2	25	600	1	082270212

8228
bow shackles
for general connections
AISI 316
NOT for lifting



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	B mm	WFL kg		
4	13	20	60	10	082280204
5	17	23	80	10	082280205
6	20	27	100	10	082280206
8	28	36	200	5	082280208
10	36	44	300	5	082280210
12	41	53	500	5	082280212
16	54	74	800	1	082280216
19	66	86	1100	1	082280219

8240F
lifting eye bolts, FORGED
stainless steel A4

CE

TECHNICAL DATA
- safety factor: 6
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø mm	mm	WLL kg		
M6	1,0	120	4	082400406
* **M8**	1,25	200	4	082400408
* **M10**	1,5	400	4	082400410
* **M12**	1,75	600	4	082400412
* **M14**	2	1000	2	082400414
* **M16**	2	1200	2	082400416
* **M20**	2,5	2000	2	082400420
* **M24**	3	2700	2	082400424
* **M30**	3,5	4000	1	082400430

(*) WLL increased compared to DIN standard according to Technical Specifications R/FT/8240F (guaranteed for stainless steel / stainless steel fits)

8240
eye bolts,
for general connections
stainless steel AISI 316
NOT for lifting

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø C mm	WFL kg		
M6	41	15	90	10	082400206
M8	50	20	140	10	082400208
M10	62	25	230	5	082400210
M12	74	30	340	5	082400212

8242F
lifting eye nuts, FORGED
stainless steel A4

CE

TECHNICAL DATA
- safety factor: 6
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of conformity

ø mm	mm	WLL kg		
M6	1,0	120	4	082420406
* **M8**	1,25	200	4	082420408
* **M10**	1,5	400	4	082420410
* **M12**	1,75	600	4	082420412
* **M14**	2	1000	2	082420414
* **M16**	2	1200	2	082420416
* **M20**	2,5	2000	2	082420420
* **M24**	3	2700	2	082420424
* **M30**	3,5	4000	1	082420430

(*) WLL ø M10÷M24
- increased according to Technical File R/FT/8242F
- guaranteed with stainless steel coupling

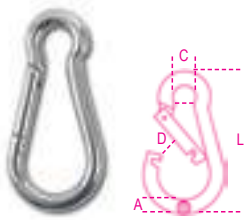
8242
eye nuts
for general connections
stainless steel AISI 316
NOT for lifting

A mm	B mm	ø C mm	WFL kg		
M6	27	15	90	10	082420206
M8	36	20	140	10	082420208
M10	45	25	230	5	082420210
M12	55	30	340	5	082420212

8274

carabine hooks
for general connections
AISI 316

NOT personal protective equipment



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L mm	ø C mm	D mm	WFL kg		
4,5x40	6,5	6	20	20	082740204
5x50	7	6,5	30	20	082740205
6x60	8,5	7,5	40	10	082740206
7x70	10	9	60	10	082740207
8x80	12	10	75	10	082740208
9x90	12,5	10,5	100	10	082740209
10x100	15	13	120	8	082740210
11x120	19	18	140	1	082740211
12x140	22	21	140	1	082740212
13x160	22	26	200	1	082740213

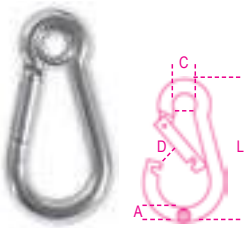
special packaging

ø A x L mm	ø C mm			
4,5x40	6,5	10	1	082740704
5x50	7	10	1	082740705
6x60	8,5	5	1	082740706
7x70	10	5	1	082740707
8x80	12	5	1	082740708
9x90	12,5	5	1	082740709
10x100	15	4	1	082740710

8274A

ring carabine hooks
for general connections,
AISI 316

NOT personal protective equipment



LABORATORY TESTS
- chemical analysis
- tensile test

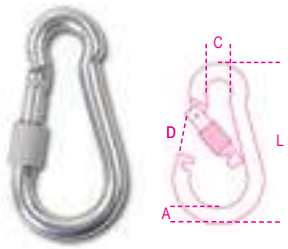
AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ø A x L mm	ø C mm	D mm	WFL kg		
5x50	6,5	7	30	10	082740405
6x60	7,5	7,5	40	5	082740406
8x80	9,5	10	75	5	082740408

8274G

carabine hooks with screw nut
for general connections
AISI 316

NOT personal protective equipment



LABORATORY TESTS
- chemical analysis
- tensile test

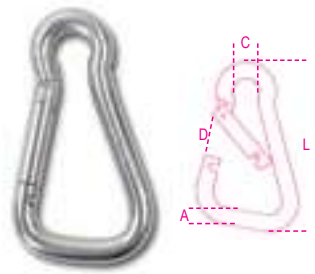
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L mm	ø C mm	D mm	WFL kg		
6x60	8,5	6,5	40	5	082740306
8x80	12	8,5	75	5	082740308
10x100	15	12	120	3	082740310

8276

asymmetric carabine hooks
for general connections
AISI 316

NOT personal protective equipment



LABORATORY TESTS
- chemical analysis
- tensile test

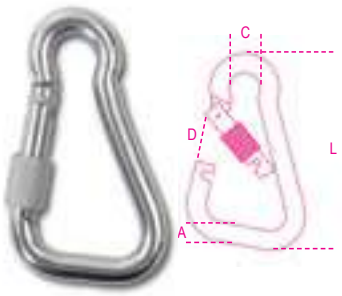
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L mm	ø C mm	D mm	WFL kg		
6x60	8,5	10	40	5	082760206
8x80	12	14	75	5	082760208
10x100	15	18	120	3	082760210

8276G

asymmetric carabine hooks with screw nut
for general connections
AISI 316

NOT personal protective equipment



LABORATORY TESTS
- chemical analysis
- tensile test

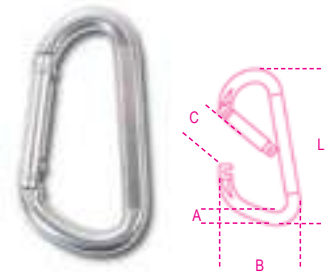
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L mm	ø C mm	D mm	WFL kg		
6x60	8,5	9	40	3	082760306
8x80	12	12,5	75	3	082760308
10x100	15	16	120	3	082760310

8278

trapezoidal carabine hooks
for general connections
AISI 316

NOT personal protective equipment

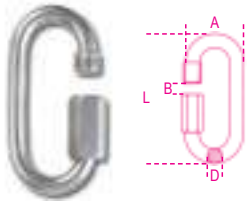


LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L mm	B mm	C mm	WFL kg		
8x80	45	14	75	3	082780208
10x100	55	16	120	3	082780210

8280
quick links
for general connections
AISI 316
NOT personal protective equipment



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D x L mm	A mm	B mm	WFL kg		
3,5x36	17	5	20	10	082800203
4x40	19	6	30	10	082800204
5x50	23	7	50	5	082800205
6x58	26	8	60	5	082800206
7x68	30	9	100	5	082800207
8x74	33	10	140	2	082800208
10x89	40	12	220	2	082800210
12x105	47	14	300	1	082800212

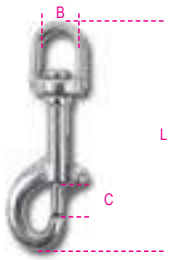
8250
spring snap-casting eye end
AISI 316

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

L mm	A mm	ø B mm	WFL kg		
50	25	8	40	5	082500205
70	31	12,5	90	5	082500207
100	47	20	190	2	082500210

8264
swivel eye bolt snap
AISI 316

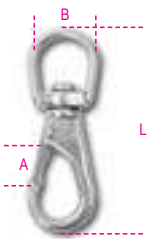


LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

B mm	L mm	C mm	WFL kg		
12	88	12	60	5	082640212
16	90	12	60	5	082640216
19	93	12	60	2	082640219

8267
swivel eye snap
AISI 316

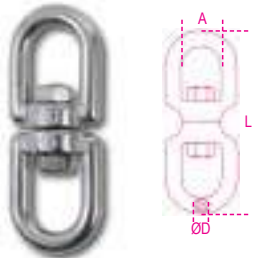


LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	L mm	B mm	WFL kg		
10	87	21	30	5	082670210
12	118	22	70	2	082670213

8272
eye and eye swivels
for general connections
AISI 316
NOT for lifting

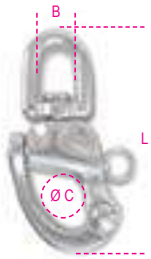


LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	L mm	WFL kg		
4	11	50	90	5	082720204
5	13	60	115	5	082720205
6	15	66	140	5	082720206
8	19	90	250	3	082720208
10	23	112	300	1	082720210
13	33	148	650	1	082720213
16	38	184	1000	1	082720216
19	40	223	1600	1	082720219

8273
quick-release hooks
with swivel eyes
for general connections
AISI 316 stainless steel
NOT for lifting

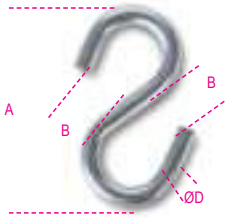


LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C x L mm	B mm	WFL kg	BF kg		
12x70	12	230	1100	1	082730012
16x85	14,50	440	2000	1	082730016
22x120	20	700	3500	1	082730022

8282S
S-hooks, symmetric
AISI 316 stainless steel



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Product specifications
- Test report type 2.2 UNI EN10204

ø D mm	B mm	A mm	WFL kg		
3	5,5	34	4	40	082820303
4	7,0	40	5	30	082820304
5	9,0	46	12	20	082820305
6	10	54	18	15	082820306

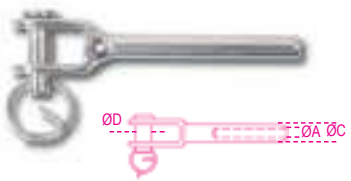
8284
pelican hooks terminals
AISI 316 stainless steel

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C mm	B mm	L mm	WFL kg		
6	11	73	200	3	082840006
8	14	98	300	3	082840008
10	23	143	450	1	082840010

8285
jaw terminals
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A M	ø C mm	ø D mm	WFL kg		
3	6,3	6	180	5	082850203
4	7,5	8	200	3	082850204
5	9	10	330	2	082850205
6	12,5	12	720	2	082850206
7	12,5	12	850	2	082850207
8	15,5	16	1120	2	082850208
10	18	16	1300	2	082850210
12	20	19	2400	2	082850212

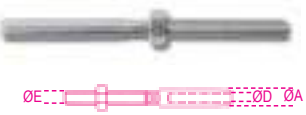
8286
eye terminals
AISI 316

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D M	ø A mm	ø C mm	WFL kg		
3	6,5	6,3	180	5	082860203
4	8,5	7,5	200	3	082860204
5	10	9	330	2	082860205
6	12,5	12,6	720	2	082860206
7	12,5	14,2	850	2	082860207
8	14,5	16	1120	2	082860208
10	16,4	18	1300	2	082860210
12	19,3	20	2400	2	082860212

8287
swage studs
AISI 316

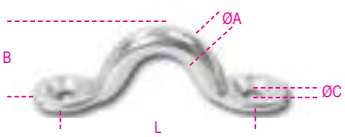


LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D M	ø A mm	E mm	WFL kg		
3	6,2	M6	180	5	082870203
4	7,5	M8	200	3	082870204
5	8,7	M10	330	2	082870205
6	12,6	M12	720	2	082870206
7	12,6	M14	850	2	082870207
8	16	M16	1120	2	082870208
10	18	M16	1300	2	082870210
12	20	M20	2400	2	082870212

8290
pad eyes
AISI 316

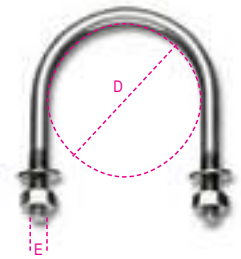


LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A mm	B mm	ø C mm	L mm		
6	22	5,2	44	5	082900206
8	23,5	5,2	47,5	5	082900208

8381SX
U bolts for pipes



AISI 304

LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Test report UNIEN10204 type 2.2

D mm	D gas	E mm		
11	1/8"	M6	20	083810401
14	1/4"	M6	20	083810402
18	3/8"	M6	20	083810403
22	1/2"	M6	20	083810404
27	3/4"	M6	20	083810405
34	1"	M6	20	083810406
43	1"1/4	M6	20	083810407
49	1"1/2	M8	10	083810408
61	2"	M8	10	083810409
77	2"1/2	M8	10	083810410
89	3"	M8	10	083810412
115	4"	M8	10	083810413
168	6"	M10	1	083810416
220	8"	M10	1	083810418

8279
Genovese chains
for static connections,
AISI 304 stainless steel

TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL kg	m		
2	13	20	50	1	082790020
3	17	55	50	1	082790030
4	19	100	50	1	082790040
5	21	250	40	1	082790050
6	23	310	30	1	082790060
8	27	400	15	1	082790080
*10	30	1000	10	1	082790400

Caution: product NOT designed for lifting purposes

Robur

POLYESTER SLINGS
TECHNICAL DATA
• safety factor: 7
• traceability code
LABORATORY TESTS
• tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2
• Manufacturer's Certificate UNI EN1492
• CE Declaration of Conformity

POLYESTER SLINGS

The polyester slings, which comply with the European standard, UNI EN 1492, stand out as **lightweight, handy and flexible**; they do not damage the surfaces of loads, and ensure elasticity, for pulls to be controlled and cushioned while handling loads.

They mean an ideal solution to **lifting problems with delicate loads**, which might be damaged by cable or chain slings, when working in corrosive environments or in case of danger of electrical conduction.

The **tag** sewn on the sling, complete with manufacturer's data, CE marking, batch number and carrying capacity details, **is covered with a protective layer, so that legibility can be preserved over time.**

				β= 0° +45°	β= 45° +60°
	1t	0.8t	2t	1,4t	1t
	2t	1.6t	4t	2.8t	2t
	3t	2.4t	6t	4,2t	3t
	4t	3.2t	8t	5,6t	4t
	5t	4t	10t	7t	5t
	6t	4.8t	12t	8,4t	6t
	8t	6.4t	16t	11,2t	8t
	10t	8t	20t	14t	10t
	12t	9.6t	24t	16.8t	12t
	15t	12t	30t	21t	15t
	20t	16t	40t	28t	20t
	25t	20t	50t	35t	25t
	30t	24t	60t	42t	30t
	40t	32t	80t	56t	40t
	50t	40t	100t	70t	50t

8150

lifting web slings, purple 1t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE

EN 1492-1

L m	H mm	WLL ton		
0,5	30	1	1	081500005
1	30	1	1	081500010
1,5	30	1	1	081500015
2	30	1	1	081500020
2,5	30	1	1	081500025
3	30	1	1	081500030
3,5	30	1	1	081500035
4	30	1	1	081500040
5	30	1	1	081500050
6	30	1	1	081500060
8	30	1	1	081500080

8153

lifting web slings, green 2t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE

EN 1492-1

L m	H mm	WLL ton		
1	60	2	1	081530010
1,5	60	2	1	081530015
2	60	2	1	081530020
2,5	60	2	1	081530025
3	60	2	1	081530030
3,5	60	2	1	081530035
4	60	2	1	081530040
5	60	2	1	081530050
6	60	2	1	081530060
8	60	2	1	081530080
10	60	2	1	081530100

8156

lifting web slings, yellow 3t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE

EN 1492-1

L m	H mm	WLL ton		
1	90	3	1	081560010
1,5	90	3	1	081560015
2	90	3	1	081560020
2,5	90	3	1	081560025
3	90	3	1	081560030
3,5	90	3	1	081560035
4	90	3	1	081560040
5	90	3	1	081560050
6	90	3	1	081560060
8	90	3	1	081560080
10	90	3	1	081560100
12	90	3	1	081560120

8157

lifting web slings, grey 4t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE

EN 1492-1

L m	H mm	WLL ton		
2	120	4	1	081570020
3	120	4	1	081570030
4	120	4	1	081570040
5	120	4	1	081570050
6	120	4	1	081570060
8	120	4	1	081570080
10	120	4	1	081570100
12	120	4	1	081570120

8158
lifting web slings, red 5t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE

EN 1492-1

L m	H mm	WLL ton		
2	150	5	1	081580020
3	150	5	1	081580030
4	150	5	1	081580040
5	150	5	1	081580050
6	150	5	1	081580060
8	150	5	1	081580080
10	150	5	1	081580100
12	150	5	1	081580120

8159
lifting web slings, brown 6t
two layers with reinforced eyes
high-tenacity polyester (PES)

CE

EN 1492-1

L m	H mm	WLL ton		
2	180	6	1	081590020
3	180	6	1	081590030
4	180	6	1	081590040
5	180	6	1	081590050
6	180	6	1	081590060
8	180	6	1	081590080
10	180	6	1	081590100

8160
lifting web slings, blue 8t
two layers with reinforced eyes
high-tenacity polyester (PES)

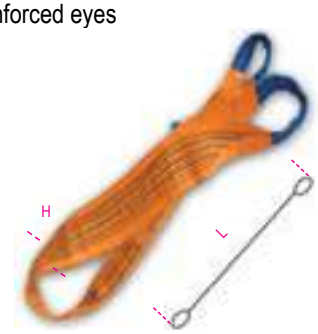
CE

EN 1492-1

L m	H mm	WLL ton		
3	240	8	1	081600030
4	240	8	1	081600040
5	240	8	1	081600050
6	240	8	1	081600060
8	240	8	1	081600080
10	240	8	1	081600100

8161
lifting web slings, orange,
10t two-layer flat sling,
20t four-layer flat sling,
reinforced eyes

CE



EN 1492-1

L m	H mm	WLL ton		
3	300	10	1	081610030
4	300	10	1	081610040
5	300	10	1	081610050
6	300	10	1	081610060
8	300	10	1	081610080
10	300	10	1	081610100
12	300	10	1	081610120
3	300	20	1	081612030
4	300	20	1	081612040
5	300	20	1	081612050
6	300	20	1	081612060
8	300	20	1	081612080
10	300	20	1	081612100
12	300	20	1	081612120

8170
lifting round slings, purple 1t
high-tenacity polyester (PES) belt

CE

EN 1492-2

L m	WLL ton	H mm		
0,5	1	45	1	081700010
1	1	45	1	081700020
1,5	1	45	1	081700030
2	1	45	1	081700040
2,5	1	45	1	081700050
3	1	45	1	081700060
4	1	45	1	081700080
5	1	45	1	081700100

8173
lifting round slings, green 2t
high-tenacity polyester (PES) belt

CE

EN 1492-2

L m	H mm	WLL ton		
0,5	50	2	1	081730010
1	50	2	1	081730020
1,5	50	2	1	081730030
2	50	2	1	081730040
2,5	50	2	1	081730050
3	50	2	1	081730060
4	50	2	1	081730080
5	50	2	1	081730100
6	50	2	1	081730120
8	50	2	1	081730160

8176
lifting round slings, yellow 3t
high-tenacity polyester (PES) belt

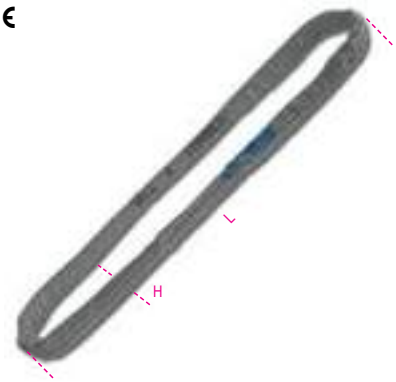
CE

EN 1492-2

L m	H mm	WLL ton		
0,5	60	3	1	081760010
1	60	3	1	081760020
1,5	60	3	1	081760030
2	60	3	1	081760040
2,5	60	3	1	081760050
3	60	3	1	081760060
4	60	3	1	081760080
5	60	3	1	081760100
6	60	3	1	081760120
8	60	3	1	081760160

8177
lifting round slings, grey 4t
high-tenacity polyester (PES) belt

CE

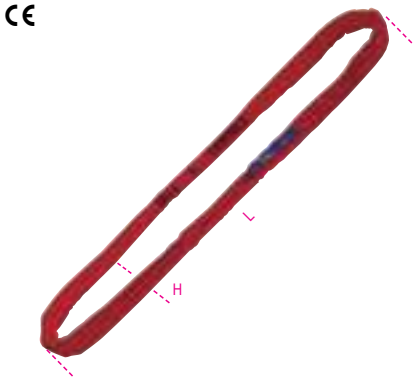


EN 1492-2

L m	H mm	WLL ton		
0,5	65	4	1	081770010
1	65	4	1	081770020
1,5	65	4	1	081770030
2	65	4	1	081770040
2,5	65	4	1	081770050
3	65	4	1	081770060
4	65	4	1	081770080
5	65	4	1	081770100
6	65	4	1	081770120
8	65	4	1	081770160

8178
lifting round slings, red 5t
high-tenacity polyester (PES) belt

CE

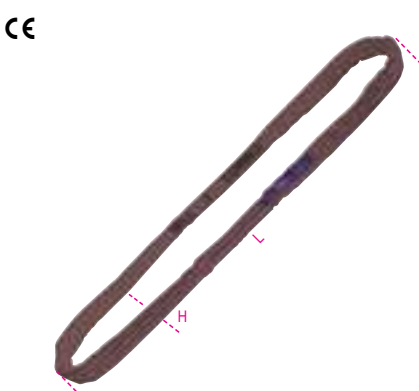


EN 1492-2

L m	H mm	WLL ton		
0,5	70	5	1	081780010
1	70	5	1	081780020
1,5	70	5	1	081780030
2	70	5	1	081780040
2,5	70	5	1	081780050
3	70	5	1	081780060
4	70	5	1	081780080
5	70	5	1	081780100
6	70	5	1	081780120
8	70	5	1	081780160

8179M
lifting round slings, brown 6t
high-tenacity polyester (PES) belt

CE



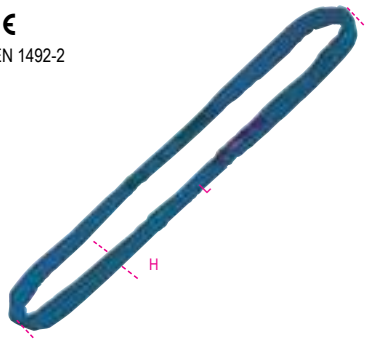
EN 1492-2

L m	H mm	WLL ton		
1	80	6	1	081790020
1,5	80	6	1	081790030
2	80	6	1	081790040
2,5	80	6	1	081790050
3	80	6	1	081790060
4	80	6	1	081790080
5	80	6	1	081790100
6	80	6	1	081790120
8	80	6	1	081790160

8179B
lifting round slings, blue, 8 t,
high-tenacity polyester (PES) belt

CE

EN 1492-2

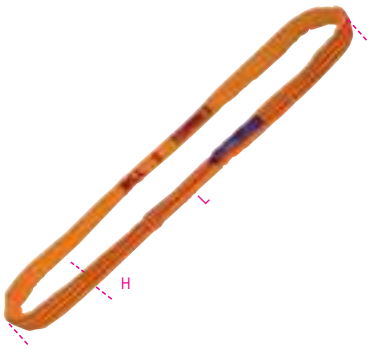


L m	H mm	WLL ton		
1	85	8	1	081790220
1,5	85	8	1	081790230
2	85	8	1	081790240
2,5	85	8	1	081790250
3	85	8	1	081790260
4	85	8	1	081790280
5	85	8	1	081790300
6	85	8	1	081790320
8	85	8	1	081790360

8179A

lifting round slings, orange, 10t÷50t, high-tenacity polyester (PES) belt

CE
EN 1492-2



L m	H mm	WLL ton		
1	95	10	1	081790502
1,5	95	10	1	081790503
2	95	10	1	081790504
2,5	95	10	1	081790505
3	95	10	1	081790506
4	95	10	1	081790508
5	95	10	1	081790510
6	95	10	1	081790512
8	95	10	1	081790516
10	95	10	1	081790520
12	95	10	1	081790524
2	100	12	1	081791204
2,5	100	12	1	081791205
3	100	12	1	081791206
3,5	100	12	1	081791207
4	100	12	1	081791208
4,5	100	12	1	081791209
5	100	12	1	081791210
5,5	100	12	1	081791211
6	100	12	1	081791212
6,5	100	12	1	081791213
7	100	12	1	081791214
7,5	100	12	1	081791215
8	100	12	1	081791216
8,5	100	12	1	081791217
9	100	12	1	081791218
9,5	100	12	1	081791219
10	100	12	1	081791220
2	110	15	1	081791504
2,5	110	15	1	081791505
3	110	15	1	081791506
3,5	110	15	1	081791507
4	110	15	1	081791508
4,5	110	15	1	081791509
5	110	15	1	081791510
5,5	110	15	1	081791511
6	110	15	1	081791512
6,5	110	15	1	081791513
7	110	15	1	081791514
7,5	110	15	1	081791515
8	110	15	1	081791516
8,5	110	15	1	081791517
9	110	15	1	081791518
9,5	110	15	1	081791519
10	110	15	1	081791520
2	130	20	1	081792004
2,5	130	20	1	081792005
3	130	20	1	081792006
3,5	130	20	1	081792007
4	130	20	1	081792008
4,5	130	20	1	081792009
5	130	20	1	081792010
5,5	130	20	1	081792011
6	130	20	1	081792012
6,5	130	20	1	081792013
7	130	20	1	081792014
7,5	130	20	1	081792015
8	130	20	1	081792016
8,5	130	20	1	081792017
9	130	20	1	081792018
9,5	130	20	1	081792019
10	130	20	1	081792020
2	135	25	1	081792504
2,5	135	25	1	081792505
3	135	25	1	081792506
3,5	135	25	1	081792507
4	135	25	1	081792508
4,5	135	25	1	081792509
5	135	25	1	081792510
5,5	135	25	1	081792511
6	135	25	1	081792512
6,5	135	25	1	081792513
7	135	25	1	081792514
7,5	135	25	1	081792515
8	135	25	1	081792516
8,5	135	25	1	081792517
9	135	25	1	081792518
9,5	135	25	1	081792519
10	135	25	1	081792520
2	160	30	1	081793004
2,5	160	30	1	081793005
3	160	30	1	081793006
3,5	160	30	1	081793007
4	160	30	1	081793008
4,5	160	30	1	081793009
5	160	30	1	081793010
5,5	160	30	1	081793011
6	160	30	1	081793012
6,5	160	30	1	081793013
7	160	30	1	081793014
7,5	160	30	1	081793015
8	160	30	1	081793016
8,5	160	30	1	081793017
9	160	30	1	081793018
9,5	160	30	1	081793019
10	160	30	1	081793020
2	165	40	1	081794004
2,5	165	40	1	081794005
3	165	40	1	081794006
3,5	165	40	1	081794007
4	165	40	1	081794008
4,5	165	40	1	081794009
5	165	40	1	081794010
5,5	165	40	1	081794011
6	165	40	1	081794012
6,5	165	40	1	081794013
7	165	40	1	081794014
7,5	165	40	1	081794015
8	165	40	1	081794016
8,5	165	40	1	081794017
9	165	40	1	081794018
9,5	165	40	1	081794019
10	165	40	1	081794020
3	180	50	1	081795006
3,5	180	50	1	081795007
4	180	50	1	081795008
4,5	180	50	1	081795009
5	180	50	1	081795010
5,5	180	50	1	081795011
6	180	50	1	081795012
6,5	180	50	1	081795013
7	180	50	1	081795014
7,5	180	50	1	081795015
8	180	50	1	081795016
8,5	180	50	1	081795017
9	180	50	1	081795018
9,5	180	50	1	081795019
10	180	50	1	081795020

8166G

anti-abrasion sheaths for slings, high-tenacity polyester (PES), with elastomer underlayer

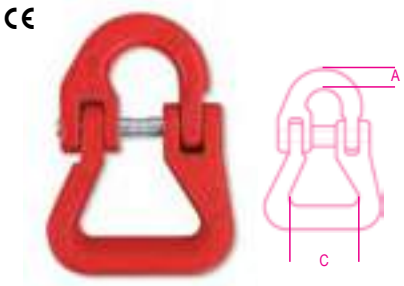
H mm	ø mm		
70	45	1	081660270
80	52	1	081660280
110	70	1	081660310
155	100	1	081660355
170	110	1	081660370
235	150	1	081660435

H mm		
70	8150	8170 8173
80	8153	8176
110	8153 8158	8177 8178
155	8157	8178 8179A 8179B 8179M
170	8158	-
235	8159	-

8090F

lifting connecting links for polyester slings, alloy steel, painted

CE



EN 1677-1

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	C mm		
2000	7-8	10,5	40	1	080900220
3150	10	12	50	1	080900232
5300	13	17	60	1	080900253
8000	16	21	75	1	080900280

RATCHET TIE DOWNS
TECHNICAL DATA
- **safety factor: 2**
- **traceability code**

LABORATORY TESTS
- **ratchet pretensioning test**
- **metal parts deformation test**
- **complete system tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**

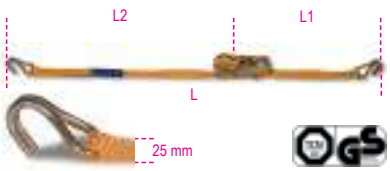
RATCHET TIE DOWNS

Robur's ratchet tie downs, made from high-tenacity polyester, are the name for remarkable reliability and safety, as based on compliance with **EN12195-2** and **TÜV SÜD certification**.
The breaking load of the belt is three times as much as the anchor strength, thereby ensuring increased wear resistance.

The **metal parts**, made from first-rate steel, are resistant to **mechanical stress**; whereas the pin with nut allows the textile part to be easily replaced, thus resulting in reduced costs and maintenance time.
The **nonslip handle** provides improved comfort and safety of use.

8180

ratchet tie down with single hook, LC 750kg high-tenacity polyester (PES) belt



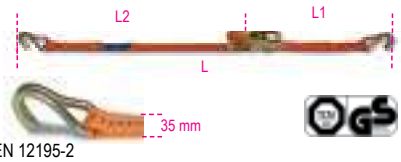
EN 12195-2

L m	L2 mm	L1 mm	STF daN		
4	3750	250	200	1	081800004
6	5750	250	200	1	081800006
8	7750	250	200	1	081800008

LC = 750 kg

8181

ratchet tie down with single hook, LC 1000kg high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN		
4	3600	400	180	1	081810004
6	5600	400	180	1	081810006
8	7600	400	180	1	081810008

LC = 1000 kg

8181 6/B4

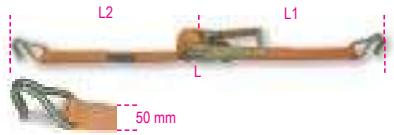
bag with set of 4 ratchet tie-downs 8181, 6 m high-tenacity polyester belt (PES), single hooks

EN12195-2

L2 mm	L1 mm	L m	STF daN		
5600	400	6	180	3	081810916

8182T

ratchet tie down with double hook, LC 1500kg, high-tenacity polyester (PES) belt



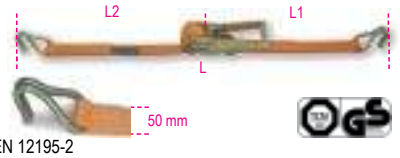
EN 12195-2

L m	L2 mm	L1 mm	STF daN		
8,5	8100	400	300	1	081821085
10,5	10100	400	300	1	081821105

LC = 1500 kg

8182

ratchet tie down with single hook, LC 2000kg high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN		
4,5	4100	400	300	1	081820045
6,5	6100	400	300	1	081820065
8,5	8100	400	300	1	081820085
10,5	10100	400	300	1	081820105
14,5	14100	400	300	1	081820145
16,5	16100	400	300	1	081820165

LC = 2000 kg

8182LP 8100

L2 mm		
8100	1	081820902

long part

8182SP 400

L1 mm		
400	1	081820905

short part

8182SP/BHN 400

L1 mm		
400	1	081820906

short part with single hooks and nut

8182 8,5/B2

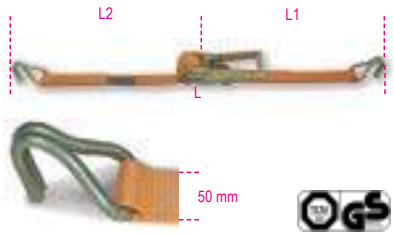
bag with set of 2 ratchet tie-downs 8182, 8.5 m high-tenacity polyester belt (PES) single hooks

EN 12195-2

L2 mm	L1 mm	L m	STF daN		
8100	400	8,5	300	4	081821885

8182H

ratchet tie down with single hook, LC 2500kg, high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN		
6,5	6100	400	300	1	081820406
8,5	8100	400	300	1	081820408
10,5	10100	400	300	1	081820410
14,5	14100	400	300	1	081820414

LC = 2500 kg

8184

reverse ratchet tie down, long lever, with single hook, LC 2500 kg,
high-tenacity polyester (PES) belt

EN12195-2

L m	L2 mm	L1 mm	STF daN		
6,5	6100	400	500	1	081840065
8,5	8100	400	500	1	081840085
10,5	10100	400	500	1	081840105

LC = 2500 kg

8183

ratchet tie down with single hook, LC 5000 kg, high-tenacity polyester (PES) belt

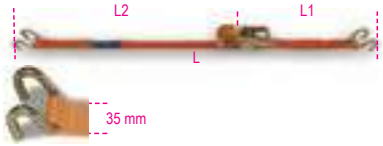
EN 12195-2

L m	L2 mm	L1 mm	STF daN		
8,5	8000	500	500	1	081830085
12,5	12000	500	500	1	081830125

LC = 5000 kg

8181S

ratchet tie down with double hook, LC 1000kg, high-tenacity polyester (PES) belt



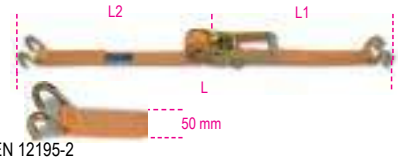
EN 12195-2

L m	L2 mm	L1 mm	STF daN		
6	5600	400	180	1	081810206

LC = 1000 kg

8182TS

ratchet tie down with single hook, LC 1500kg, high-tenacity polyester (PES) belt



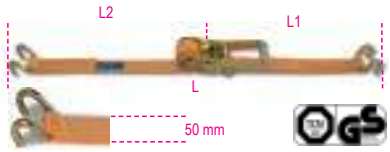
EN 12195-2

L m	L2 mm	L1 mm	STF daN		
8,5	8100	400	300	1	081821285
10,5	10100	400	300	1	081821305

LC = 1500 kg

8182S

ratchet tie down with double hook, LC 2000kg high-tenacity polyester (PES) belt



EN 12195-2

L m	L1 mm	L2 mm	STF daN		
6,5	400	6100	300	1	081820265
8,5	400	8100	300	1	081820285
10,5	400	10100	300	1	081820305

LC = 2000 kg

8182SLP 8100

L2 mm	L1 mm		
8100	-	1	081820912

long part

8182SSP 400

L1 mm		
400	1	081820915

short part

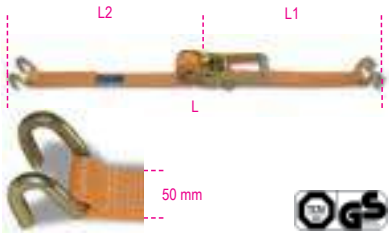
8182SSP/BHN 400

L1 mm		
400	1	081820916

short part with double hooks and nut

8182H/2

ratchet tie down with double hook, LC 2500 kg,
high-tenacity polyester belt (PES)



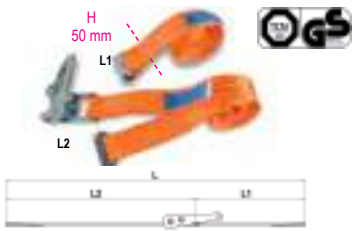
EN 12195-2

L m	L1 mm	L2 mm	STF daN		
8,5	8100	400	300	1	081820385

LC = 2500 kg

8182E

ratchet tie downs for van and truck interiors, LC 1000 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN		
4	3500	500	220	1	081820440

LC = 1000 kg

	L2 mm	L1 mm		
8182EL 2500	2500		1	081820942
8182EC 1500		1500	1	081820945

8182GD

ratchet tie down with delta hook, LC 2000 kg, high-tenacity polyester belt (PES)

EN 12195-2

L m	L2 mm	L1 mm	STF daN		
8,5	8100	400	300	1	081820485

LC = 2000 kg

8182A

ratchet tie downs with 2 eyes, high-tenacity polyester (PES) belt, LC 2000 kg

EN 12195-2

L m	L2 mm	L1 mm	STF daN		
8,5	8100	400	300	1	081820585

LC = 2000 kg

8190

ratchet load binder with 2 hooks Grade 8

EN12195/3

TECHNICAL DATA
- **Safety factor: 2**
- **Heat treatment: hardening and tempering**
- **Traceability code**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**

Ø mm	LC daN	Ø mm	LC daN		
8	4000	-	-	1	081900008
10	6300	8	4000	1	081900010
13	10000	-	-	1	081900013

*** CAUTION: The product can be used with an 8-mm chain, provided WLL is reduced (LC 4000 daN)**

8190B

lashing chains

EN12195/3

TECHNICAL DATA
- **Safety factor: 2**
- **Heat treatment: hardening tempering**
- **Chain-sling identification tag**

ATTACHED CERTIFICATES
- **Manufacturer's Certificate**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN 10204 type 2.2**

Ø mm	LC daN	L m	L1 m		
8	4000	3,5	3,30	1	081901308
10	6300	3,5	3,28	1	081901310
13	10000	3,5	3,23	1	081901313

8185

ring ratchet tie down, LC 1500kg high-tenacity polyester (PES) belt

EN 12195-2

L m	STF daN		
5	200	1	081850005
8	200	1	081850008

8186

ring ratchet tie down, LC 2000kg high-tenacity polyester (PES) belt

EN 12195-2

L m	STF daN		
5	180	1	081860005
8	180	1	081860008
10	180	1	081860010

8187

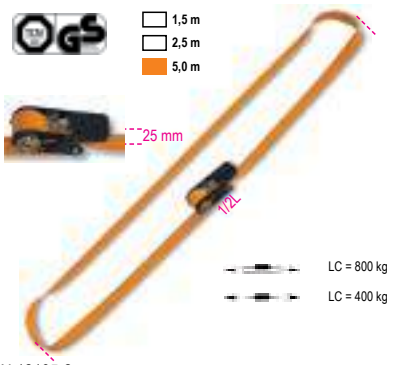
ring ratchet tie down, LC 4000kg high-tenacity polyester (PES) belt

EN 12195-2

L m	STF daN		
5	350	1	081870005
8	350	1	081870008

8188C

ring ratchet tie downs, LC 750 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L m	STF daN		
1,5	72	3	081880315
2,5	72	3	081880325
5	72	3	081880350

8188CG/25

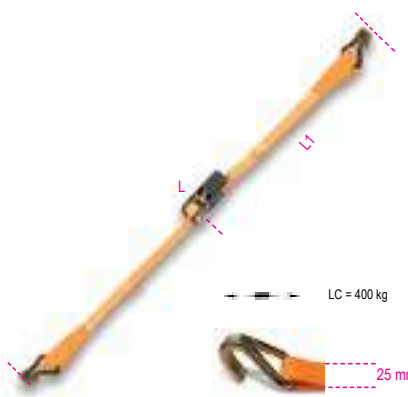
ratchet tie downs with S-hooks and Eyes, LC 400 kg
high-tenacity polyester (PES) strap

EN 12195-2

L m	L1 mm	L2 mm	STF daN		
3	480	170	120	1	081880430
5	480	170	120	1	081880450

8188CU/25

ratchet tie downs with single hooks,
LC 400 kg,
high-tenacity polyester belt (PES)

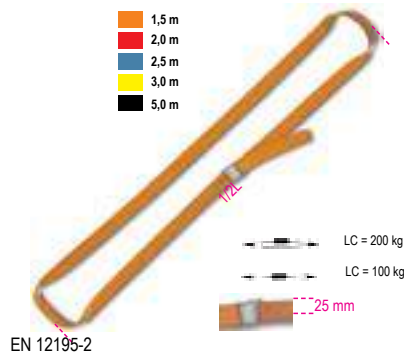


EN 12195-2

L m	L1 mm	L2 mm		
5	300	4700	1	081880750

8188F

cam buckle straps, LC 200 kg,
high-grade polypropylene (PP) belt



EN 12195-2

L m		
0,5	10	081880205
1,5	10	081880215
2,0	10	081880220
2,5	10	081880225
3,0	10	081880230
5,0	6	081880250

8188F35

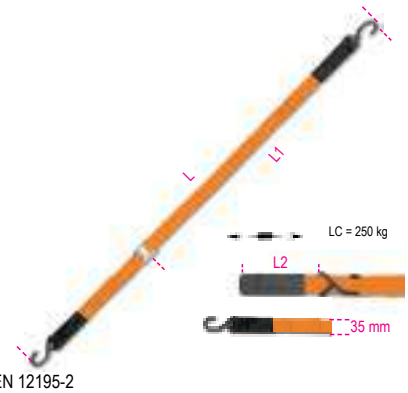
cam buckle straps, LC 500 kg,
high-tenacity polypropylene (PP) belt

EN 12195-2

L m		
5	1	081880295

8188FG2

cam buckle strap with S-hooks and Eyes,
LC 250 kg
high-grade polypropylene (PP) belt

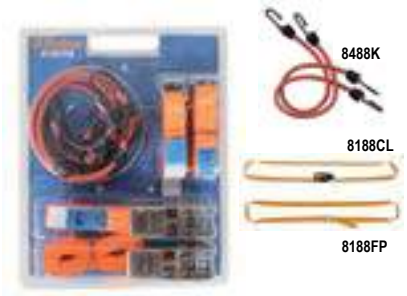


EN 12195-2

L m	L1 mm	L2 mm		
3	450	110	1	081881530

8188/K8

tie down kit
with 8 accessories



8188/K8		1	081880801
8488K	0,65m - 7kg		
8488K	0,80m - 7kg		
8188CL	4m - 500kg		
8188FP	2,5m - 250kg		

8189

polyester belt (PES)
for ratchet tie downs

H mm	L m	LC kg		
25	100	750	1	081890902
35	100	1000	1	081890903
50	100	2000	1	081890905

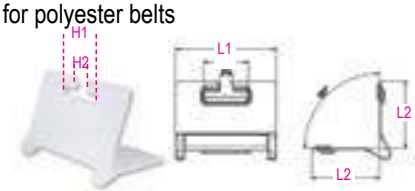
8189A

non-slip mat
for fixing loads

L m	H mm	S mm	μ		
5	250	8	0,6	1	081890525

8189PA

2 angular guards
for polyester belts



L1xL2 mm	H1 mm	H2 mm		
135x90	60	18	1	081890090

BETA COLLECTION

Beta Collection

A range of exclusive products designed and developed to epitomize Beta's character, it comprises over **200 original**, first-rate items: sports equipment, technical clothing and a variety of tailored objects.
An ideal medium for promotional actions, a must for recreational moments.

9501TLD

women's sweatshirt, made of cotton (80%) and polyester (20%), 320 g/m²

SUBJECT TO AVAILABILITY

	IT		
S	40	1	095010061
M	42	1	095010062
L	44	1	095010063
XL	46	1	095010064

9503TL

t-shirt, 100% jersey cotton, 160 g/m²

	IT		
M	50	1	095030052
L	52	1	095030053
XL	54	1	095030054
2XL	56	1	095030055

9504TL

jacket with 100% polyester exterior, waterproof treatment

SUBJECT TO AVAILABILITY

	IT		
S	48	1	095040051
M	50	1	095040052
L	52	1	095040053
XL	54	1	095040054
2XL	56	1	095040055

9510W

men's stretch shirt, long-sleeved, 120 g/m², 97% cotton, 3% elastane. White, with black logo. Rear yoke with two side pleats, semi-French collar. White buttons. two cuff buttons. Slim fit

	IT		
XS	46	1	095100100
S	48	1	095100101
M	50	1	095100102
L	52	1	095100103
XL	54	1	095100104
2XL	56	1	095100105

9534WO

two-button polo shirt, made of jersey cotton, 200 g/m²,
white with orange inserts

	IT		
S	48	1	095340031
M	50	1	095340032
L	52	1	095340033
XL	54	1	095340034
2XL	56	1	095340035

9572LB

Beta-March t-shirt, 100% cotton, 200 g/m²
orange, with black inserts

	IT		
S	48	1	095720801
M	50	1	095720802
L	52	1	095720803
XL	54	1	095720804
2XL	56	1	095720805

9577R

work overalls, racing style, made from 4 way stretch fabric, 260 g/m²,
black and orange, with white and reflex inserts

CE

	IT		
S	48	1	095770151
M	50	1	095770152
L	52	1	095770153
XL	54	1	095770154
2XL	56	1	095770155
3XL	58	1	095770156

9579C

work jacket, polyester/cotton

	IT		
M	50	1	095791002
L	52	1	095791003
XL	54	1	095791004

9525CM

camouflage racing cap with flat visor, 100% polyester, rear holes, snapback style

9525CM	1	095250098

9525TR

trucker cap with curved visor, 50% cotton, 50% polyester, rear mesh, snapback style, black

9525TR	1	095250011

9525WB

baseball cap with curved visor, 100% polyester, holes on crown, with strap adjuster, white

9525WB	1	095251032

9543C

tubular neck scarf, multipurpose, 100% polyester microfibre, seamless

	L cm	H cm		
9543C	25	30	1	095430100

9574B

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

SUBJECT TO AVAILABILITY

CE

	TG.		
M	9	1	095740102
L	10	1	095740103
XL	11	1	095740104
2XL	12	1	095740105

95740

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

SUBJECT TO AVAILABILITY

CE

	TG.		
M	9	1	095740202
L	10	1	095740203
XL	11	1	095740204
2XL	12	1	095740205

9580S

sunglasses "Summer" style

CE

EN ISO 12312-1:2013+A1:2015
UV400
FILTER CAT. III

9580S	1	095800100

9593A

chronograph, steel case, 5 ATM water resistant, silicone strap

9593A	1	095930050

9593M

automatic watch, steel case, 5 ATM water resistant, steel wristband

9593M	1	095930120

9593W

analogue watch, soft touch plastic case with metal ring, 3 ATM water resistant, silicone strap

9593W	1	095930150

9593SB

multifunction smart bracelet, touchscreen, fitness tracker, heart rate monitor, pedometer, sleep monitoring, with silicone strap, black

Compatibility: IOS 8.2 or above/ Android 4.4 or above
Bluetooth 4.2
IP67

CE IP67

9593SB	1	095930205

9541BIKE

rucksack made of Oxford polyester, dimensions 41x24x16 cm

	L cm	H cm	S cm		
9541BIKE	24	41	16	1	095410021

9541F

rucksack made of coated polyester/Oxford 600D polyester fabric, dimensions 50x33x16 cm

	L cm	H cm	S cm		
9541F	33	50	16	1	095410011

9541PC

work rucksack, multipocket style, with interior computer pocket, made from 100% polyester

- **rucksack with 3 compartments, each with waterproof exterior zip**
- **first compartment with PC pocket**
- **padded top handle**
- **USB port**
- **side mesh pocket for bottle/umbrella**
- **insert for glasses on shoulder strap**
- **adjustable chest strap**

	L cm	H cm	S cm		
9541PC	34	52	18	1	095410041

9541S

Rucksack with casing, made of waterproof 210D polyester, 33x45 cm

	L cm	H cm		
9541S	33	45	1	095410031

9544C

cabin-size trolley with 4 double wheels, TSA lock, USB port + 3.5-mm jack

	L cm	H cm	S cm		
9544C	40	55	20	1	095440101

9539CB

protective road and mountain bike cycling helmet with detachable chin guard - adjustable sizes

SUBJECT TO AVAILABILITY

CE

S-M	1	095390010
L-XL	1	095390011

9542AL

waterproof windbreaker, long-sleeved, made of breathable fabric

SUBJECT TO AVAILABILITY

	IT		
S	48	1	095420042
M	50	1	095420043
L	52	1	095420044
XL	54	1	095420045
2XL	56	1	095420046
3XL	58	1	095420047

9598W-N

Whistle® mountain bike, aluminium frame, Suntour XCT30 fork, 29" 100 mm, Shimano RD-TX500 derailleur, 7-speed, hydraulic Shimano BR-M200 brakes and 29” aluminium rims,
fluorescent orange / matt anthracite grey

9598W M-N	1	095980130
9598W L-N	1	095980132

9597TRIOWAY

TRIOWAY BY ATALA®

TRIOWAY by ATALA® auxiliary thrust system, electric, can be hooked to REHA COMFORT wheelchair (included), lithium battery built into frame, handlebar with direction and speed controls, with built-in wheelchair hook-on system

CE

FRAME
- Quick hook/release system for lever wheelchair
- Folding dual hinge frame
- Vertically adjustable handlebar
- Disc brake, 180 mm
- Front LED light
- Front wheel with rubber tyre

PERFORMANCE
- Adjustable speed, up to 15 km/h
- Forward and reverse button
- Range: 20 km
- Lever accelerator on handlebar

ACCESSORIES
- Multifunctional display, with battery residual capacity and charge level indicator
- Bell
- Direction indicators
- Mobile phone holder (included)
- On/Off button
- Preinstalled QUICK HOOK SYSTEM UNDER WHEELCHAIR

REHA COMFORT WHEELCHAIR (included)
- Folding dual hinge frame
- 24” wheels with solid PU tyres
- Removable armrests
- Adjustable, removable footboards
- Nylon seat with rear pocket

BATTERY
- 7Ah rechargeable lithium battery
- Battery built into frame, removable
- 230V 50Hz charging cable (included)

9597TRIOWAY	1	095970200

9598WHP-N

Whistle® mountain bike, aluminium frame, Suntour XCM PL fork, 29" 100 mm, with remote lockout, Shimano XT RD-M8100 Shadow Plus derailleur, 12-speed, hydraulic Shimano BL-MT201/BR-MT200 brakes and 29” aluminium rims,
white / matt red

9598WHP M-N	1	095980140
9598WHP L-N	1	095980142

9599CB-N2

Atala® city bike, Hi-Ten Tig TKK 700c frame, Shimano® Tourney RD-TZ50 derailleur, 6-speed, V-Brakes®, 28" aluminium rims, with pannier rack, stand and bell, matt black

9599CB-N2	1	095990031

9599CB-WN

Atala® city bike, aluminium frame, Shimano® 6-speed gear shifter, V-Brake® brakes, 28" aluminium rims, white

- **Aluminium frame**
- **Hi-Ten Tig TKK 700c fork**
- **Shimano Tourney RD-TZ50 6-speed gear shifter**
- **Aluminium V-brake brakes**
- **28" aluminium rims**
- **Colour: white**

9599CB-WN	1	095990024

9597P

column pump with gauge

9597P	1	095970100

9548KB

Balance bike, for children aged 2 to 6 years (up to 35 kg).
Adjustable saddle height: from 32.5 to 42 cm.

9548KB	1	095480110

9548KB 20

Atala® 20" children's mountain bike, Hi-Ten Tig 20" steel frame, 30-mm suspension fork, RD-TY21SS 6V derailleur, aluminium V-brakes and 36-hole aluminium rims,
fluorescent yellow / matt blue

9548KB 20	1	095480120

9548KB 24

Atala® 24" children's mountain bike, Hi-Ten Tig 24" steel frame, suspension fork, Shimano Tourney RD-TYZ50 6V derailleur, aluminium V-brakes and 36-hole aluminium rims,
matt fluorescent orange

9548KB 24	1	095480122

9547T

“Kinder trolley”, tool trolley, for children from 3 years of age, complete with tools

CE

9547T	1	095470100

9547WSK

“Kinder Work Station”, workbench with tools, for children from 3 years of age

CE

	H cm		
9547WSK	74	1	095473801

9548G

"Kinder Garage", 6-storey, with car wash, lift and ramps

	H cm		
9548 G	69	1	095480100

9526RMN

set of 2 packs of 55 rummy playing cards by Modiano®

9526RMN	1	095260001

9528C

football, PU-coated, size 5

- **circumference: 68-70 cm**
- **panels: 12**
- **weight: 410-430 g**
- **recommended pressure: 6-8 lbs/ 0.41-0.55 bar/ 6-8 psi**

9528C	1	095280100

9520P

umbrella stand, made from painted galvanized metal, with laser-cut logo and drip tray, black

	L cm	H cm	S cm		
9520P	17	55	17	1	095200100

9521

umbrella, made of nylon T210, 3-section aluminium frame, black, automatic open/close mechanism

9521	1	095210000

9521OB

umbrella made of nylon 210T, diameter 100 cm

	Ø cm		
9521OB	100	1	095210021

9523A

aluminium flask, 500 ml

9523A	1	095230005

9523T

thermal bottle, made of stainless steel, 500 ml, double-layer technology, no air between walls, leak-proof cap, orange

- **keeps cold drinks cold for 24 hours**
- **keeps hot drinks hot for 12 hours**

EC1935/EC2023

9523T	1	095230050

9528B

Polyethylene flask, 500 ml

9528B	1	095280005

9526F

mini fridge, energy efficiency class F, capacity 63 l, black

	L mm	S mm		
9526F	474	450	1	095260005

9526MC

capsule espresso coffee machine

	L mm	S mm		
9526MC	358	128	1	095260020

9527 6T

set of 6 coffee cups

9527 6T	1	095270001

9527T
black ceramic cup with lasered BETA logo

9527T	1	095270030

9586K
multipurpose steel knife,
10 functions

9586K	1	095860100

9549ABW
wireless BT V5.0 earphones, with built-in microphone, magnetic charging, USB-C charging base, black

CE

	L mm	H mm	S mm		
9549ABW	61	34,5	41	1	095490091

9549BP
portable battery, 10000mAh

9549BP	1	095490052

9549BRW
wireless charging base,
with quick charger function and charge level indicator

- Supplied with USB-USB Type C cable, for connection to transformer, 1 m long
- Compatible with all devices supporting wireless charging
- Input: DC 5V/2A, 9V/2A, 12V/1.5A
- Output: 5W/ 7.5W/ 10W/ 15W

CE

	H mm	Ø cm		
9549BRW	6	58	1	095490100

9549C
USB key, 32 GB

9549C	1	095490062

9549CR
4-in-1 multi charging cable, made from braided nylon,
quick charge option

- USB type A power supply connector

- Lightning connector to Apple devices
- Micro USB charging connector
- USB-C charging connector
- USB-C charging and data transmission connector

	L mm		
9549CR	120	1	095490042

9549MPC
multi-port charging base,
6 USB ports, for multiple charging up to a maximum absorbed power of 65 W

- 4 USB ports, 5V 2.4A
- 1 USB port, Q.C 3.0
- 1 USB-C port, 20W PD

with separate ON/OFF switch,
LED display for checking total wattage, port number and current intensity

CE

	L mm	H mm	S mm		
9549MPC	110	35	72	1	095490082

9549SBW
wireless BT speaker, portable, 6 functions

BT version 5.0
FUNCTIONS:
- BT play
- TF card play
- USB play
- audio jack 3.5 mm
- radio FM
- call function

CE

	L mm	H mm	S mm		
9549SBW	73	124	73	1	095490072

9547
desk calculator

CE

9547	1	095470000

9592AC
black aluminium pen with touch screen rubber stylus tip
Supplied in an individual case

9592AC	1	095920010

9592AP/50
set of 50 aluminium pens with touch screen rubber stylus tip

50x

9592AP/50	1	095920020

9592AP/P
customized aluminium pens with touch screen rubber stylus

9592AP/P	500	095920021

9592MG/3
case with three black full graphite pencils

9592MG/3	1	095920103

9588M
soft foam tray with 1 pen and 2 notebooks

9588M	1	095880011

9587 9x14
notebook, 9x14 cm

	L cm	H cm		
9587 9X14	9	14	5	095870009

9587 13x21
notebook, 13x21 cm

	L cm	H cm		
9587 13X21	13	21	5	095870013

9588/10PI
set of 10 notepads with adhesive sheets

9588S/10PI 7,5x7,5 cm	1	095880055

9588S/10...
set of 10 notepads

9588S/10A 21x29 cm	1	095881001
9588S/10B 15x21 cm	1	095881002
9588S/10C 10x15 cm	1	095881003
9588S/10D 7,5x10,5 cm	1	095880054

9589A/36
pack of 36 rolls of packaging adhesive tape, with Beta logo, tawny

9589A/36	1	095890035

9589B/36
pack of 36 rolls of packaging adhesive tape, with Beta logo, white

9589B/36	1	095890036

9594
clock complete with thermometer and hygrometer, 26 cm in diameter

	Ø cm		
9594	26	1	095940051

9595C
leather key ring

9595C	1	095950011

9595T
metal chrome-plated key ring, in velvet pouch

9595T	1	095950021

9596
badge holder, polyester, with metal clip and mobile phone string

9596	10	095961001

9569MS-2
shopper, made of hard-wearing polypropylene

	L cm	H cm		
9569MS-2	45	40	5	095690055

9569P
shopper, made of polyethylene, folded sides

	L cm	H cm		
9569P	34	44	50	095691001

9569S
TNT shopper with folded sides, 38x42 cm

	L cm	H cm		
9569S	38	42	50	095690051

9563G
office armchairs, for guests

9563G	1	095630050

9563U
office armchair, ergonomic

9563U	1	095630020

9565K
drum table with two seats

9565K	1	095650500

9565S
sheet steel drum with seat made of removable imitation leather

	H cm	Ø cm		
9565S	60	38	1	095650300

9565T
sheet steel table drum with varnished multi-ply birch top

Supplied with a double KIT of spacing tubes (7 cm or 20 cm) for vertical adjustment.

	H cm	Ø cm		
9565T	95 - 108	70	1	095650200

9566K
Furnishing set, table and three stools 9566S/3, vertically adjustable

	H mm		
9566K	920 - 1120	1	095660500

9566S/3
set of 3 vertically adjustable stools

	H mm		
9566S/3	620 - 840	1	095660300

9562P2
logo mat, 200x80 cm

- **particularly suitable for use with workshop equipment item C55 or under motorcycles**

	L cm	H cm		
9562P2	200	80	1	095620400

9562P12
multilogo mat roll, 12 m x 80 cm

Allows mat length to be customized as needed

	L m	H cm		
9562P12	12	80	1	095620425

9562TB
mat for trying on shoes, with anti-skid, rubber-coated bottom

	L mm	H mm		
9562TB	800	600	1	095620500

9562T1
garage mat, 100X80 cm

particularly suitable for use under motorcycle tyre levers BETA 3071 and 3071B
• easy to clean, anti-skid rubber coated bottom

	L cm	H cm		
9562T1	100	80	1	095620150

9562T2
workbench mat, 200x160 cm

• protects floor from oil and petrol leaks, environmentally friendly
• easy to clean, anti-skid, rubber-coated bottom

	L cm	H cm		
9562T2	200	160	1	095620200

9562T3
garage mat , 300x160 cm

- particularly suitable for use under motorcycle jacks
- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom

	L cm	H cm		
9562T3	300	160	1	095620300

9559
one-sided banner, TNT; modules: 3x0.8 m

	L m	H m		
9559	3	0,8	1	095591001

9559/30MT
nonwoven fabric roll of 10 Beta logos

9559/30MT	1	095591031

9559/S
outdoor one-sided banner, module 3 x 0.8 m

	L m	H m		
9559/S	3	0,8	1	095591011

9561B 2,50
sail flag, 2.50x0.50 m,
with pole and cross base complete with round ballast,
carrying bag included

	L m	H m		
9561B 2,50	0,5	2,5	1	095610300

9561V
sail flag, 4x0.75 m,
with chrome-plated metal pole,
grit concrete base, 50 cm

	L m	H m		
9561V	0,75	4	1	095610001

9561VV
sail flag, 3.50x0.75 m,
with pole

	L m	H m		
9561VV 4,0	0,75	3,5	1	095610101

9562
fully closable gazebo, 3 m x 3 m,
four mountable walls - 3 with windows and 1 with door

	L cm	H cm	S cm		
9562	300	348	300	1	095620020

ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

ELIMINATED ITEM
SUBSTITUTE ITEM
RECOMMENDED ITEM

33NR 3	000330003		
33NR 4	000330004		
33NR 5	000330005		
33NR 6	000330006		
33NR 8	000330008		
33LT 3	000330023		
33LT 4	000330024		
33LT 5	000330025		
33LT 6	000330026		
33LT 8	000330028		
42/SPV7	000420097		
42/SPV11	000420100		
42INOX/SCV9	000420303		
42INOX/SC9	000420387	42INOX/S11	000420391
42SLIM 8	000420408	42 8	000421008
42SLIM 10	000420410	42 10	000421010
42SLIM 11	000420411	42 11	000421011
42SLIM 12	000420412	42 12	000421012
42SLIM 13	000420413	42 13	000421013
42SLIM 14	000420414	42 14	000421014
42SLIM 15	000420415	42 15	000421015
42SLIM 16	000420416	42 16	000421016
42SLIM 17	000420417	42 17	000421017
42SLIM 18	000420418	42 18	000421018
42SLIM 19	000420419	42 19	000421019
42SLIM/S11	000420471	42/S14	000421067
42SLIM/B8NI	000420478	42/B9N	000421074
42SLIM/B8NE	000420479	42/B9N	000421074
42LMP 9	000420509	42MP 9	000421609
42LMP 11	000420511	42MP 11	000421611
42LMP 16	000420516	42MP 16	000421616
42LMP/S14	000420551	42LMP/S18	000420552
42/S17X	000421068	42/S15	000421066
42/SC9I	000421087	42/SC8	000421086
42/SC9E	000421088	42/SC8	000421086
52 11	000520011	55 10X11	000550030
52 12	000520012	55 10X12	000550033
52 16	000520016	55 16X17	000550060
52 18	000520018	55 18X19	000550066
52 21	000520021	55 21X23	000550078
52 23	000520023	55 21X23	000550078
52 26	000520026	55 24X26	000550087
53 90	000530090		
55 12X14	000550045	55 12X13	000550042
		55 14X15	000550054
55 13X14	000550047	55 13X17	000550051
		55 14X15	000550054
55 14X17	000550057	55 14X15	000550054
		55 13X17	000550051
55 27X30	000550102	55 24X27	000550090
		55 30X32	000550108
55 27X32	000550105	55 24X27	000550090
		55 30X32	000550108
55/S12X	000550179	55/S12	000550178
55/SP13	000550186	55/SP7	000550167
55/SPV	000550190		
55AS 1/4X9/32	000550203	42AS 1/4	000421106
		42AS 9/32	000421107
55AS 1/4X5/16	000550206	42AS 1/4	000421106
		42AS 5/16	000421108
55AS 5/16X11/32	000550209	42AS 5/16	000421108
55AS 3/8X7/16	000550215	42AS 3/8	000421110
		42AS 7/16	000421111
55AS 1/2X9/16	000550221	42AS 1/4	000421113
		42AS 9/16	000421114
55AS 9/16X5/8	000550224	42AS 9/16	000421114
		42AS 5/8	000421116
55AS 5/8X11/16	000550230	42AS 5/8	000421116
		42AS 11/16	000421117
55AS 11/16X13/16	000550242	42AS 11/16	000421117
		42AS 13/16	000421121
55AS 25/32X13/16	000550244	42AS 13/16	000421121
55AS 3/4X7/8	000550245	42AS 3/4	000421119
		42AS 7/8	000421122
55AS 15/16X1	000550257	42AS 15/16	000421124
		42AS 1	000421125
55AS 1X1.1/8	000550259	42AS 1	000421125
		42AS 1.1/8	000421129
55AS 1.1/16X1.1/4	000550267	42AS 1.1/16	000421127
		42AS 1.1/4	000421132
55AS 1.5/16X1.1/2	000550269	42AS 1.5/16	000421133
		42AS 1.1/2	000421138
55AS 1.3/8X1.1/2	000550272	42AS 1.3/8	000421135
		42AS 1.1/2	000421138
55AS 1.7/16X1.5/8	000550275	42AS 1.7/16	000421136
55AS/5	000550290		
55AS/8	000550296	42AS/S17	000421168
55AS/12	000550298	42AS/S17	000421168
55BA-AS 3/8X7/16	000550853	42BA-AS 3/8	000420950
		42BA-AS 7/16	000420951
55BA-AS 1/2X9/16	000550854	42BA-AS 1/2	000420953
		42BA-AS 9/16	000420954
55BA-AS 5/8X11/16	000550857	42BA-AS 5/8	000420956
		42BA-AS 11/16	000420957
55BA-AS 3/4X13/16	000550859	42BA-AS 3/4	000420959
		42BA-AS 13/16	000420961
55BA-AS 7/8X15/16	000550865	42BA-AS 7/8	000420962
		42BA-AS 15/16	000420964
55BA-AS 1X1.1/16	000550868	42BA-AS 1	000420965
		42BA-AS 1.1/16	000420967
55BA-AS 1.1/8X1.3/16	000550870	42BA-AS 1.1/8	000420969
		42BA-AS 1.3/16	000420970
55BA-AS 1.1/4X1.5/16	000550872	42BA-AS 1.1/4	000420973
55K 6X7	000559012	42K 6	000429506
		42K 7	000429507
55K 8X9	000559021	42K 8	000429508
		42K 9	000429509
55K 10X11	000559030	42K 10	000429510
		42K 11	000429511
55K 10X12	000559033	42K 10	000429510
		42K 12	000429512
55K 10X13	000559035	42K 10	000429510
		42K 13	000429513
55K 12X13	000559042	42K 12	000429512
		42K 13	000429513
55K 12X14	000559045	42K 12	000429512
		42K 14	000429514
55K 13X17	000559051	42K 13	000429513
		42K 17	000429517
55K 14X15	000559054	42K 14	000429514
		42K 15	000429515
55K 14X17	000559057	42K 14	000429514
		42K 17	000429517
55K 16X17	000559060	42K 16	000429516
		42K 17	000429517
55K 17X19	000559063	42K 17	000429517
		42K 19	000429519
55K 18X19	000559066	42K 18	000429518
		42K 19	000429519
55K 19X22	000559069	42K 19	000429519
		42K 22	000429522
55K 20X22	000559075	42K 19	000429520
		42K 22	000429522
55K 21X23	000559078	42K 21	000429521
		42K 23	000429523
55K 22X24	000559081	42K 22	000429522
		42K 24	000429524
55K 24X26	000559087	42K 24	000429524
		42K 26	000429526
55K 24X27	000559090	42K 24	000429524
		42K 27	000429527
55K 25X28	000559096	42K 25	000429525
		42K 28	000429528
55K 27X29	000559099	42K 27	000429527
		42K 29	000429529
55K 27X30	000559102	42K 27	000429527
		42K 30	000429530
55K 30X32	000559108	42K 30	000429530
		42K 32	000429532
73/S13	000730210	73/B13N	000730202
80 19X22	000800019	80 18X19	000800018
		80 20X22	000800020
80 21X23	000800021	952 21	009520021
80 30X32	000800030		
80/S11	000800056	80/S8	000800051
83/S3	000830081	83/S5	000830085
89MQ 9	000890109	52MQ 9	000520109
89MQ 18	000890118	52MQ 18	000520118
89MQ 21	000890121	52MQ 21	000520121
90 8X10	000900015	90 8X9	000900012
		90 10X11	000900018
90 11X13	000900024	90 10X11	000900018
		90 12X13	000900027
90 14X17	000900036	90 14X15	000900033
		90 16X17	000900039
90 19X22	000900048	90 18X19	000900045
		90 20X22	000900051
90 22X24	000900060	90 20X22	000900051
		90 24X26	000900063
90/S12X	000900167	90/S12	000900166
90/SP13	000900174	90/S13	000900170
90AS 9/16X5/8	000900221	90AS 1/2X9/16	000900218
		90AS 5/8X3/4	000900227
90AS 11/16X13/16	000900233	90AS 5/8X11/16	000900224
90AS 3/4X25/32	000900235	90AS 5/8X3/4	000900227
90AS 7/8X15/16	000900243	90AS 13/16X7/8	000900240
		90AS 15/16X1	000900252
90AS/8	000900298	90AS/10	000900300
90K 6X7	000909006	42K 6	000429506
		42K 7	000429507
90K 8X9	000909012	42K 8	000429508
		42K 9	000429509
90K 10X11	000909018	42K 10	000429510
		42K 11	000429511
90K 12X13	000909027	42K 12	000429512
		42K 13	000429513
90K 14X15	000909033	42K 14	000429514
		42K 15	000429515
90K 16X17	000909039	42K 16	000429516
		42K 17	000429517
90K 18X19	000909045	42K 18	000429518
		42K 19	000429519
90K 20X22	000909051	42K 20	000429520
		42K 22	000429522
90K 21X23	000909057	42K 21	000429521
		42K 23	000429523
90K 24X26	000909063	42K 24	000429524
		42K 26	000429526
90K 24X27	000909067	42K 24	000429524
		42K 27	000429527
90K 25X28	000909070	42K 25	000429525
		42K 28	000429528
90K 27X29	000909073	42K 27	000429527
		42K 29	000429529
90K 30X32	000909080	42K 30	000429530
		42K 32	000429532
91HS 46	000914246		
92/3	000920030		
92/4	000920040		
92HS/3	000924030		
93C 17X19	000930117	93C 19X22	000930119
93HS 21X22	000934021		
93K 21X22	000939021		
94 13X15	000940013	55 13X17	000550051
		55 14X15	000550054
94 14X17	000940015	55 14X15	000550054
		55 16X17	000550060
94K 8X10	000949008	42K 8	000429508
		42K 10	000429510
94K 9X11	000949009	42K 9	000429509
		42K 11	000429511
94K 10X11	000949010	42K 10	000429510
		42K 11	000429511
94K 11X13	000949011	42K 11	000429511
		42K 13	000429513
94K 12X14	000949012	42K 12	000429512
		42K 14	000429514
94K 13X15	000949013	42K 13	000429513
		42K 15	000429515
94K 14X15	000949014	42K 14	000429514
		42K 15	000429515
94K 14X17	000949015	42K 14	000429514
		42K 17	000429517
94K 17X19	000949017	42K 17	000429517
		42K 19	000429519
94K 19X22	000949019	42K 19	000429519
		42K 22	000429522
94K 22X24	000949022	42K 22	000429522
		42K 24	000429524
94K 24X27	000949024	42K 24	000429524
		42K 27	000429527
94K 30X32	000949030	42K 30	000429530
		42K 32	000429532
95 18X19	000950168	90 18X19	000900045
95/S8	000950177	95/S13	000950179
96LC 3,5	000960323	96T 3,5	000960937
96LC 4,5	000960325	96T 4,5	000960939
96LC 7	000960328	96T 7	000960942
96LC 9	000960330	951 9	009510590
96LC/SC12	000960337	96LC/SC8	000960334
96/BGS7	000960367	96/BG7	000960368
96N/G7	000960645	96/BG7	000960368
96N/BV	000960651		
96T/AS8	000960682	96T/AS10	000960683
96AS 1/30	000960698		
96AS 9/16	000960734		
96AS/T7	000960740	96AS/B11	000960749
96AS/SCV	000960744		
96L 3,5	000960835	96T 3,5	000960937
96L 4,5	000960845	96T 4,5	000960939
96L 7	000960870	96T 7	000960942
96L 9	000960890	951 9	009510590
96/SCV12	000960975		
96N/SCV12	000960976		
96LC/SCV12	000960977		
96L/SCV12	000960978		
96LC/SCV	000960983		
96N/SCV	000960986		
96L/SCV	000960987		
96BP-AS 3/32	000960989	96AS 3/32	000960706
96BP-AS 1/8	000960990	96AS 1/8	000960710
96BP-AS 5/32	000960991	96AS 5/32	000960714
96BP-AS 3/16	000960992	96AS 3/16	000960716
96BP-AS 7/32	000960993	96AS 7/32	000960718
96BP-AS 1/4	000960994	96AS 1/4	000960720
96BP-AS 5/16	000960995	96AS 5/16	000960724
96BP-AS 3/8	000960996	96AS 3/8	000960728
96BP-AS/8	000960997	96AS/B11	000960749
96BP-AS/BV	000960998		
96BP-AS/SCV	000961001		
96LBP 1,5	000961340	96BPC 1,5	000960340
96LBP 2	000961341	96BPC 2	000960341
96LBP 8	000961348	96BPC 8	000960347
96LBP 10	000961350	96BPC 10	000960348
96BPINOX/BV	000961459		
96BP-CL 1,5	000961600	96BPC 1,5	000960340
96BP-CL 2	000961601	96BPC 2	000960341
96BP-CL 2,5	000961602	96BPC 2,5	000960342

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96BP-CL 3	000961603	96BPC 3	000960343
96BP-CL 4	000961604	96BPC 4	000960344
96BP-CL 5	000961605	96BPC 5	000960345
96BP-CL 6	000961606	96BPC 6	000960346
96BP-CL 8	000961608	96BPC 8	000960347
96BP-CL 10	000961610	96BPC 10	000960348
96BP-CL/SCV	000961629		
96BPINOX-AS 5/64	000961989		
96BPINOX-AS 3/32	000961990	96TINOX-AS 3/32	000961861
96BPINOX-AS 7/64	000961991	96TINOX-AS 7/64	000961862
96BPINOX-AS 1/8	000961992	96TINOX-AS 1/8	000961863
96BPINOX-AS 9/64	000961993	96TINOX-AS 9/64	000961864
96BPINOX-AS 5/32	000961994	96TINOX-AS 5/32	000961865
96BPINOX-AS 3/16	000961995	96TINOX-AS 3/16	000961866
96BPINOX-AS 7/32	000961996	96TINOX-AS 7/32	000961867
96BPINOX-AS 1/4	000961997	96TINOX-AS 1/4	000961868
96BPINOX-AS 5/16	000961998	96TINOX-AS 5/16	000961869
96BPINOX-AS 3/8	000961999	96TINOX-AS 3/8	000961870
96BPINOX-AS/B8	000962000	96TINOX-AS/S7	000961877
96THS-AS 5/32	000964673		
96THS-AS 3/16	000964674		
96THS-AS 7/32	000964675		
96THS-AS 1/4	000964676		
96THS-AS 5/16	000964678		
96THS-AS 3/8	000964680		
96THS 2,5	000964935	96TBP-HS 2,5	000964685
96THS 3	000964936	96TBP-HS 3	000964686
96THS 4	000964938	96TBP-HS 4	000964687
96THS 5	000964940	96TBP-HS 5	000964688
96THS 6	000964941	96TBP-HS 6	000964689
96THS 8	000964943	96TBP-HS 8	000964690
96THS 10	000964945	96TBP-HS 10	000964692
96/ST6K	000969370		
96N/ST6K	000969640		
96TK 2	000969934		
96TK 2,5	000969935		
96TK 3	000969936		
96TK 4	000969938		
96TK 5	000969940		
96TK 6	000969941		
96TK 8	000969943		
96TK 10	000969945		
97BTX 09	000970109	97TX 09	000970009
97BTX 10	000970110	97TX 10	000970010
97BTX 15	000970115	97TX 15	000970015
97BTX 20	000970120	97TX 20	000970020
97BTX 25	000970125	97TX 25	000970025
97BTX 27	000970127	97TX 27	000970027
97BTX 30	000970130	97TX 30	000970030
97BTX 40	000970140	97TX 40	000970040
97BTX 45	000970145	97TX 45	000970045
97BTX/B8	000970159	97BTX-C/SC8	000971658
97RTX 06	000970206		
97RTX 07	000970207		
97RTX 08	000970208		
97RTX 09	000970209		
97RTX 10	000970210		
97RTX 15	000970215		
97RTX 20	000970220		
97RTX 25	000970225		
97RTX 27	000970227		
97RTX 30	000970230		
97RTX 40	000970240		
97RTX 45	000970245		
97RTX 50	000970250		
97RTX 55	000970255		
97RTX/B8	000970260		
97BTXL 09	000970309	97TX 09	000970009
97BTXL 10	000970310	97TX 10	000970010
97BTXL 15	000970315	97TX 15	000970015
97BTXL 20	000970320	97TX 20	000970020
97BTXL 25	000970325	97TX 25	000970025
97BTXL 27	000970327	97TX 27	000970027
97BTXL 30	000970330	97TX 30	000970030
97BTXL 40	000970340	97TX 40	000970040
97TX/G8	000970645	97TX/BG8	000970368
97TTX/S11	000970800	97TTX/S13	000970813
97TTX/S8	000970808		
97BTXL/SCV	000970982		
97BTX/SCV	000970983		
97RTX/SCV	000970984		
97TX/SCV	000970985		
97BRTXL/SCV	000970986		
97BTX-C/SCV	000971659		
97TTX-HS 10	000974710		
97TTX-HS 40	000974740		
97TTX-HS 45	000974745		
97TTX-HS 50	000974750		
98XZN 5	000980005		
98XZN 6	000980006		
98XZN 8	000980008		
98XZN 10	000980010		
98XZN 12	000980012		
99ST VN/15	000990295		
99ST VN/35	000990296		
111EN 150	001110415	111E 150	001110115
111EN 250	001110425	111E 250	001110125
111EN 450	001110445	111E 450	001110145
111CM 170	001110770		
123E1/4	001230010		
141/S12	001410072		
142/BV6	001420076		
142/BV9	001420079		
142/SC9I	001420087	142/SC8	001420086
142/SC9E	001420088	142/SC8	001420086
142/SCV9I	001420103	42/SCV8	000421100
142/SCV9E	001420104	42/SCV8	000421100
142SN/SC9	001420259		
142MC 8	001422008	142 8	001420008
142MC 10	001422010	142 10	001420010
142MC 11	001422011	142 11	001420011
142MC 12	001422012	142 12	001420012
142MC 13	001422013	142 13	001420013
142MC 14	001422014	142 14	001420014
142MC 15	001422015	142 15	001420015
142MC 16	001422016	142 16	001420016
142MC 17	001422017	142 17	001420017
142MC 18	001422018	142 18	001420018
142MC 19	001422019	142 19	001420019
142MC/SC9I	001422087	142/SC8	001420086
142MC/SC9E	001422088	142/SC8	001420086
142HS 8	001424008	42HS 8	000424508
142HS 9	001424009	42HS 9	000424509
142HS 12	001424012	42HS 12	000424512
142HS 14	001424014	42HS 14	000424514
142HS 21	001424021	42HS 21	000424521
142HS 22	001424022	42HS 22	000424522
142HS 27	001424027	42HS 27	000424527
142HS 30	001424030	42HS 30	000424530
195/BV5	001950070		
195FTX/BV4	001950520		
195AS 5/16X3/8	001950606	142AS 5/16	001420308
		142AS 3/8	001420310
195AS 7/16X1/2	001950611	142AS 7/16	001420311
		142AS 1/2	001420313
195AS 9/16X5/8	001950614	142AS 9/16	001420314
		142AS 5/8	001420316
195AS 11/16X3/4	001950617	142AS 11/16	001420317
		142AS 3/4	001420319
195AS/B4	001950654		
195K 8X10	001959010	142K 8	001429008
		142K 10	001429010
195K 12X13	001959013	142K 12	001429012
		142K 13	001429013
195K 14X15	001959015	142K 14	001429014
		142K 15	001429015
195K 16X18	001959018	142K 16	001429016
		142K 18	001429018
195K 17X19	001959019	142K 17	001429017
		142K 19	001429019
330BA /2	003300802		
330BA /2-R	003300822		
340RL	003400010		
342A/MOL	003420111		
342P/RL	003420130		
357F3	003570100		
357R/F3	003570101		
358RL	003580011		
360R 250	003600225		
360R 350	003600235		
360R 450	003600245		
360R 600	003600260		
360HS 250	003604025		
360HS 350	003604035		
360HS 450	003604045		
360HS 600	003604060		
362R 200	003620220		
362R 225	003620225		
362R 300	003620230		
362R 350	003620235		
362R 450	003620245		
363R 350	003630235		
363R 450	003630245		
365R 350	003650235		
366 225	003660022	362 250	003620025
366 300	003660030	363 450	003630045
374R 240	003740724		
374R 320	003740732		
378 250	003780025	374 240	003740024
383R/1	003830010		
389/K4	003890001		
412 7,25	004120115		
412 7,75	004120121		
412 8,25	004120127		
412 8,75	004120133		
412 9,25	004120139		
412 9,75	004120145		
412 10,25	004120149		
412 10,75	004120151		
412 11,25	004120153		
412 11,75	004120155		
412 12,25	004120157		
412 12,75	004120159		
412A 13,50	004120202	410A 13,50	004100281
412A 15,50	004120210	410A 15,50	004100289
412A 16,50	004120213	410A 16,50	004100292
412A 17,50	004120215	410A 17,50	004100294
412A 18,50	004120217	410A 18,50	004100296
412A 19,50	004120219	410A 19,50	004100298
412L 2,00	004120232		
412L 2,50	004120234		
412L 3,00	004120236		
412L 3,50	004120238		
412L 4,00	004120240		
412L 4,50	004120242		
412L 5,00	004120244		
412L 5,50	004120246		
412L 6,00	004120248		
412L 6,50	004120250		
412L 7,00	004120252		
412L 8,00	004120256		
412L 9,00	004120260		
412L 10,00	004120264		
412XL 3,00	004120520		
412XL 3,50	004120522		
412XL 4,00	004120524		
412XL 4,50	004120526		
412XL 5,00	004120528		
412XL 5,50	004120530		
412XL 6,00	004120532		
412XL 6,50	004120534		
412XL 7,00	004120536		
412XL 7,50	004120538		
412XL 8,00	004120540		
412XL 8,50	004120542		
412XL 9,00	004120544		
412XL 9,50	004120546		
412XL 10,00	004120548		
412XL 10,50	004120550		
412XL 11,00	004120552		
412XL 12,00	004120556		
412XL 13,00	004120560		
414 5,25	004140090	415 5,25	004150091
414 5,75	004140096	415 5,75	004150097
414 6,25	004140102	415 6,25	004150103
414 6,75	004140108	415 6,75	004150109
414 7,25	004140114		
414 7,75	004140120		
414 8,25	004140125		
414 8,75	004140132		
414 9,25	004140138		
414 9,75	004140144		
414 12,50	004140158		
415 7,25	004150115		
415 7,75	004150121		
415 8,25	004150127		
415 8,75	004150133		
415 9,25	004150139		
415 9,75	004150145		
415 10,25	004150149		
415 10,75	004150151		
415 11,25	004150153		
415 11,75	004150155		
415 12,25	004150157		
415 12,75	004150159		
415 L3,00	004150236		
415 L3,50	004150238		
415 L4,00	004150240		
415 L4,50	004150242		
415 L5,00	004150244		
415 L5,50	004150246		
415 L6,00	004150248		
415 L6,50	004150250		
415 L7,00	004150252		
415 L8,00	004150256		
415 L9,00	004150260		
415 L10,00	004150264		
415CO 11,50	004150354	415 11,50	004150154
415CO 12,50	004150358	415 12,50	004150158
415CO-A 14,00	004150364		
415CO-A 15,00	004150366		
415CO-A 16,00	004150368		
415CO-A 17,00	004150370		
415CO-A 18,00	004150372		
415CO-A 19,00	004150374		
415CO-A 20,00	004150376		
416 1,00	004160010	415CO 1,50	004150312
416 1,50	004160015	415CO 1,50	004150312
416 2,00	004160020	415CO 2,00	004150314
416 2,50	004160025	415CO 2,50	004150316
416 3,00	004160030	415CO 3,00	004150320
416 3,50	004160035	415CO 3,50	004150322
416 4,00	004160040	415CO 4,00	004150324
416 4,50	004160045	415CO 4,50	004150326
416 5,00	004160050	415CO 5,00	004150328

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416 5,50	004160055	415CO 5,50	004150330
416 6,00	004160060	415CO 6,00	004150332
416 6,50	004160065	415CO 6,50	004150334
416 7,00	004160070	415CO 7,00	004150336
416 7,50	004160075	415CO 7,50	004150338
416 8,00	004160080	415CO 8,00	004150340
416 8,50	004160085	415CO 8,50	004150342
416 9,00	004160090	415CO 9,00	004150344
416 9,50	004160095	415CO 9,50	004150346
416 10,00	004160100	415CO 10,00	004150348
417 3	004170003		
417 4	004170004		
417 5	004170005		
417 6	004170007		
417 7	004170009		
417 8	004170010		
417 9	004170011		
417 10	004170012		
417 12	004170014		
417 14	004170016		
417 16	004170018		
417L 5	004170105		
417L 6	004170106		
417L 8	004170113		
417L 10	004170120		
417L 12	004170125		
419 5X160	004190006		
419T 5X110	004190604	419 5X110	004190004
419T 5X160	004190606		
419T 6X110	004190612	419 6X110	004190012
419T 6X160	004190614	419 6X160	004190014
419T 6X210	004190616	419 6X210	004190016
419T 7X160	004190628	419 7X160	004190028
419T 8X110	004190630	419 8X110	004190030
419T 8X160	004190632	419 8X160	004190032
419T 8X210	004190634	419 8X210	004190034
419T 8X260	004190636	419 8X260	004190036
419T 8X310	004190638	419 8X310	004190038
419T 9X160	004190644	419 9X160	004190044
419T 10X160	004190650	419 10X160	004190050
419T 10X210	004190652	419 10X210	004190052
419T 10X260	004190654	419 10X260	004190054
419T 10X310	004190656	419 10X310	004190056
419T 10X460	004190660	419 10X460	004190060
419T 12X160	004190664	419 12X160	004190064
419T 12X210	004190666	419 12X210	004190066
419T 12X260	004190668	419 12X260	004190068
419T 12X460	004190674	419 12X460	004190074
419T 14X160	004190686	419 14X160	004190086
419T 14X260	004190690	419 14X260	004190090
419T 14X310	004190692	419 14X310	004190092
419T 14X460	004190696	419 14X460	004190096
419T 16X210	004190712	419 16X210	004190112
419T 16X260	004190714	419 16X260	004190114
419T 16X310	004190716	419 16X310	004190116
419T 16X460	004190720	419 16X460	004190120
419T 18X260	004190724	419 18X260	004190124
419T 20X310	004190728	419 20X300	004190128
421 12	004210012		
421/SPV	004210020		
422 1,60	004220116		
422 2,50	004220125		
422 3,15	004220131		
424/4	004240004	425/3	004250015
424/6	004240006	425/7	004250025
424/7	004240007	425/8	004250029
424/8	004240008		
424/SPV	004240020		
426 1	004260001		
426 2	004260002		
426 3	004260003	426T 3	004260063
426/SPV	004260035		
426T 1	004260061		
426T 2	004260062		
426T 4	004260064		
426T 6	004260066	426 6	004260006
426/SB1	004260101		
426/SB2	004260102	426 7	004260007
426/SB3	004260103	426 9	004260009
426/SB4	004260104	426 11	004260011
426/SB5	004260105	426 12	004260012
426SB/SP4	004260130		
426SB/SPV1	004260135		
426MD-3/OV3	004260331		
426MD-3/CP3	004260332		
426MD-3/CT3	004260333		
426MD-3/F3	004260334		
426MD-3/TA3	004260335		
426MD-3/T3	004260336		
426MD-3/OG3	004260337		
426MD-3/S3	004260338		
426MD-3/FA3	004260339		
427 0	004270000		
427 5-6	004270006		
428FP 20	004280020		
428FP 22	004280022		
428FP 24	004280024		
428FC 18	004280118		
428FC 20	004280120		
428FC 22	004280122		
428FC 24	004280124		
428F/SPV	004280205		
429FP 14	004290014		
429FC 14	004290114		
430ASW 1/8	004300031		
430ASW 5/32	004300032		
430ASW 3/16	004300033		
430ASW 1/4	004300034		
430ASW 5/16	004300035		
430ASW 3/8	004300036		
430ASW 7/16	004300037		
430ASW 1/2	004300038		
430ASW 9/16	004300039		
430ASW 5/8	004300040		
430ASW 3/4	004300041		
430ASW 7/8	004300042		
430ASW 1"	004300043		
430/SPV	004300202		
431/SPV	004310202		
433ASF 1/4	004330301		
433ASF 5/16	004330302		
433ASF 3/8	004330303		
433ASF 7/16	004330304		
433ASF 1/2	004330305		
433ASF 9/16	004330306		
433ASF 5/8	004330307		
433ASF 3/4	004330308		
433ASF 7/8	004330309		
433ASF 1"	004330310		
436R/1	004360022		
436R/2	004360024		
437K/9	004370029		
437C	004370100		
437C 8,40	004370108		
437C 12,40	004370112		
437C 16,40	004370116		
437C/RM14	004370124		
440ASW 1/8	004400201		
440ASW 5/32	004400202		
440ASW 3/16	004400203		
440ASW 1/4	004400204		
440ASW 5/16	004400205		
440ASW 3/8	004400206		
440ASW 7/16	004400207		
440ASW 1/2	004400208		
440ASW 9/16	004400209		
440ASW 5/8	004400210		
440ASW 3/4	004400211		
440ASW 7/8	004400212		
440ASW 1"	004400213		
440ASF 1/4	004400241		
440ASF 5/16	004400242		
440ASF 3/8	004400243		
440ASF 7/16	004400244		
440ASF 1/2	004400245		
440ASF 9/16	004400246		
440ASF 5/8	004400247		
440ASF 3/4	004400248		
440ASF 7/8	004400249		
440ASF 1"	004400250		
444G/1	004440125		
444G/1B	004440130		
450 17	004500017		
450 21	004500021		
450 24	004500024		
450 27	004500027	451 27	004510027
450 30	004500030	451 30	004510030
450 33	004500033	451 33	004510033
450 37	004500037	451 37	004510037
450 41	004500041	451 41	004510041
450 43	004500043	451 43	004510043
450 46	004500046	451 46	004510046
450 48	004500048	451 48	004510048
450 52	004500052		
450 54	004500054		
450 59	004500059		
450 67	004500067		
450 68	004500068		
450 73	004500073		
450 79	004500079		
450 86	004500086		
450 89	004500089		
450 98	004500098		
450 102	004500102		
450 108	004500108		
450 111	004500111		
450 121	004500121		
450 127	004500127		
450 140	004500140		
450 152	004500152		
451 12	004510012		
451 13	004510013		
451 14	004510014		
451 15	004510015		
451 17	004510017		
451 19	004510019		
451 21	004510021		
451 23	004510023		
451 24	004510024		
451GA 10X1,25	004510101		
451GA 12X1,25	004510102		
451PR 12X1,25	004510104		
451GA 14X1,5	004510105		
451PR 14X1,5	004510108		
452 15	004520015		
452 16	004520016	451 16	004510016
452 17	004520017		
452 18	004520018	451 18	004510018
452 19	004520019		
452 20	004520020	451 20	004510020
452 21	004520021		
452 22	004520022	451 22	004510022
452 23	004520023		
452 24	004520024		
452 25	004520025	451 25	004510025
452 26	004520026	451 26	004510026
452 27	004520027	451 27	004510027
452 28	004520028	451 28	004510028
452 29	004520029	451 29	004510029
452 30	004520030	451 30	004510030
452 31	004520031	451 31	004510031
452 32	004520032	451 32	004510032
452 33	004520033	451 33	004510033
452 34	004520034	451 34	004510034
452 35	004520035	451 35	004510035
452 36	004520036	451 36	004510036
452 37	004520037	451 37	004510037
452 38	004520038	451 38	004510038
452 39	004520039	451 39	004510039
452 40	004520040	451 40	004510040
452 41	004520041	451 41	004510041
452 42	004520042	451 42	004510042
452 43	004520043	451 43	004510043
452 44	004520044	451 44	004510044
452 45	004520045	451 45	004510045
452 46	004520046	451 46	004510046
452 47	004520047	451 47	004510047
452 48	004520048	451 48	004510048
452 49	004520049	451 49	004510049
452 50	004520050	451 50	004510050
452 55	004520055		
452 60	004520060		
452 65	004520065		
452 70	004520070		
452 75	004520075		
452 80	004520080		
452 85	004520085		
452 90	004520090		
452GA/1	004520125		
452GA/2	004520126		
452GA/3	004520127		
460 50	004600050		
460 60	004600060		
460 65	004600065		
460 80	004600080		
460 90	004600090		
460 100	004600100		
460 112	004600112		
460 125	004600125		
460 150	004600150		
460PP	004600201		
460G 220	004600222		
460G 370	004600237		
460G 460	004600246		
565-1R/VA	005650611	560/C3	005600030
581	005810001	581/5	005810006
583/1,5	005830015	584/1	005840201
583/3	005830030		
583/6	005830060	584/5	005840206
583/C31	005830931	584/C31	005840931
600/2	006000002		
610/5	006100025	610L/5	006100125
642 23	006420023		
644 34	006440034		
650A 9X12-27	006500027	650A 9X12-30	006500030
650A 14X18-30	006500130	650A 14X18-41	006500141
650H 14X18-28/36	006500928		
650H 14X18-40/45	006500940		
650H 14X18-50/55	006500950		
650H 14X18-58/62	006500958		
650H 14X18-68/75	006500968		
650H 14X18-80/90	006500980		
652 21	006520021		
652 32	006520032		
653 14X18-13	006530113		

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653 14X18-15	006530115		
653 14X18-16	006530116		
653 14X18-17	006530117		
653 14X18-38	006530138		
654 22	006540022		
654 24	006540024		
654 27	006540027		
654 30	006540030		
654 32	006540032		
654 34	006540034		
654 36	006540036		
654 41	006540041		
654 46	006540046		
668RG/6	006680206	668RGC/6	006680406
668RG/10	006680210	668RGC/10X	006680411
668RG/20	006680220	668RGC/20	006680420
668RG/30	006680230		
668RGC/10	006680410	668RGC/10X	006680411
677/CVN1	006770455		
677/CVN2	006770460		
678/CV3	006780415		
678/CV1	006780455		
678/CV2	006780500		
710 9	007100009		
710 16	007100016		
710 18	007100018		
710 21	007100021		
710/22	007100825	710/21	007100823
720S 13	007200113	720 13	007200013
720S 15	007200115	720 15	007200015
720S 17	007200117	720 17	007200017
720S 19	007200119	720 19	007200019
720S 22	007200122	720 22	007200022
720S 24	007200124	720 24	007200024
720AS 3/8	007200210		
720AS 7/16	007200211		
720AS 1/2	007200213		
720AS 9/16	007200214		
720AS 5/8	007200216		
720AS 11/16	007200217		
720AS 3/4	007200219		
720AS 13/16	007200221		
720AS 7/8	007200222		
720AS 15/16	007200224		
720AS 1	007200225		
720AS 1.1/16	007200227		
720AS 1.1/8	007200229		
720AS 1.1/4	007200232		
720L/S3	007200355		
720LS 18	007200368	720L 18	007200318
720IC 17	007200687		
720IC 19	007200689		
720IC 21	007200691		
720IC 22	007200692		
720IC 24	007200694		
720S/SB6	007200906		
720B 15	007201015	720 15	007200015
720B 16	007201016	720 16	007200016
720B 18	007201018	720 17	007200017
720B 21	007201021	720 21	007200021
720B 23	007201023	720 23	007200023
720B 36	007201036	720 36	007200036
720MC 10	007202010	720 10	007200010
720MC 11	007202011	720 11	007200011
720MC 12	007202012	720 12	007200012
720MC 13	007202013	720 13	007200013
720MC 14	007202014	720 14	007200014
720MC 15	007202015	720 15	007200015
720MC 16	007202016	720 16	007200016
720MC 17	007202017	720 17	007200017
720MC 18	007202018	720 18	007200018
720MC 19	007202019	720 19	007200019
720MC 21	007202021	720 21	007200021
720MC 22	007202022	720 22	007200022
720MC 24	007202024	720 24	007200024
720MC/C13	007202913	720/C24	007200904
728AS 1.1/2	007280238		
728L/S3	007280393	720LC/C3	007200653
729 38	007290038		
729L 75	007290375		
729L 80	007290380		
729T 33/600	007290763		
729/21L	007290826	729/21	007290815
730L 110	007300410		
730L 115	007300415		
730L 120	007300420		
851SR	008510001	851E/SR	008510002
851 45	008510165	851E/2	008510016
851 125	008510245	851E/3	008510024
852 1/4	008520006		
855P	008550010	855P	008550011
861RTX 8	008610540		
862LP 1,2X8	008620030	861LP 1,2X8	008610028
862PH-XL 1	008620250	862PH-L 1	008620230
862PH-XL 2	008620252	862PH-L 2	008620232
862PH-XL 3	008620254	862PH-L 3	008620234
862TX 09	008620509		
862TX 10	008620510		
862TX 27	008620527		
866PE 14	008660134		
866TX 20	008660400		
866TX 60	008660440		
882MSR 75	008820207	882MSR 50	008820205
900 3,2	009000032		
900MB-L 5	009000211	900L 5	009000183
900MB-L 6	009000212	900L 6	009000185
900MB-L 7	009000213	900L 7	009000186
900MB-L 8	009000214	900L 8	009000187
900MB-L 9	009000215	900L 9	009000188
900MB-L 10	009000216	900L 10	009000189
900MB-L 11	009000217	900L 11	009000190
900MB-L 12	009000218	900L 12	009000191
900MB-L 13	009000219	900L 13	009000192
900MB-L 14	009000220	900L 14	009000193
900AS-L 3/16	009000301		
900AS-L 7/32	009000303		
900AS-L 1/4	009000305		
900AS-L 9/32	009000307		
900AS-L 5/16	009000309		
900AS-L 11/32	009000311		
900AS-L 3/8	009000313		
900AS-L 7/16	009000315		
900AS-L 1/2	009000317		
900AS-L 9/16	009000319		
900AS-MB 3/16	009000390	900AS 3/16	009000340
900AS-MB 7/32	009000391	900AS 7/32	009000345
900AS-MB 1/4	009000392	900AS 1/4	009000350
900AS-MB 9/32	009000393	900AS 9/32	009000355
900AS-MB 5/16	009000394	900AS 5/16	009000360
900AS-MB 11/32	009000395	900AS 11/32	009000365
900AS-MB 3/8	009000396	900AS 3/8	009000370
900AS-MB 7/16	009000397	900AS 7/16	009000375
900AS-MB 1/2	009000398	900AS 1/2	009000380
900AS-MB 9/16	009000399	900AS 9/16	009000385
900PT 10	009000750		
900PT 15	009000755		
900PT 27	009000767		
900BG/30C	009000833	900BG/31C	009000831
900BG/30	009000834	900BG/31	009000847
900M/35	009000845	900/35A	009000840
900AS/MB-C17	009000981	900AS/C10	009000961
900AS/C17-MBM	009000982	900AS/C10	009000961
900U 4	009001702		
900U 4,5	009001703		
900U 5	009001704		
900U 5,5	009001705		
900U 6	009001706		
900U 7	009001707		
900U 8	009001708		
900U 9	009001709		
900U 10	009001710		
900U 11	009001711		
900U 12	009001712		
900U 13	009001713		
900U 14	009001714		
900U/SB13	009001750		
900U/C12M	009001792	900/C39U	009001947
900MC/LP 0,8X4	009002605	900LP 0,8X4	009000605
900MC/LP 1,2X6,5	009002615	900LP 1,2X6,5	009000615
900MC/LP 1,2X8	009002620	900LP 1,2X8	009000620
900MC/PH 1	009002701	900PH 1	009000701
900MC/PH 2	009002702	900PH 2	009000702
900MC/PH 3	009002703	900PH 3	009000703
900MC/TX 10	009002721	900TX 10	009000721
900MC/TX 15	009002722	900TX 15	009000722
900MC/TX 20	009002723	900TX 20	009000723
900MC/TX 25	009002724	900TX 25	009000724
900MC/TX 27	009002725	900TX 27	009000725
900MC/TX 30	009002726	900TX 30	009000726
900MC/TX 40	009002727	900TX 40	009000727
900MC/C24	009002960	900/C24	009000956
900MC/C32	009002963	900MB/C28	009000979
900BG/30K	009009834	900BG/31K	009009847
910CF 10	009100135		
910CF 11	009100136		
910CF 12	009100137		
910CF 13	009100138		
910CF 14	009100139		
910CF 15	009100140		
910CF 16	009100141		
910CF 17	009100142		
910CF 18	009100143		
910CF 19	009100144		
910CF/SB10	009100147		
910B/SN 10	009100230		
910B/SN 16	009100236		
910AS-SN 7/16	009100261		
910A-AS 1/4	009100276	910AS 1/4	009100201
910A-AS 5/16	009100278	910AS 5/16	009100202
910A-AS 11/32	009100279	910AS 11/32	009100203
910A-AS 3/8	009100280	910AS 3/8	009100204
910A-AS 7/16	009100281	910AS 7/16	009100205
910A-AS 1/2	009100283	910AS 1/2	009100206
910A-AS 9/16	009100284	910AS 9/16	009100207
910A-AS 19/32	009100285	910AS 19/32	009100208
910A-AS 5/8	009100286	910AS 5/8	009100209
910A-AS 11/16	009100287	910AS 11/16	009100210
910A-AS 3/4	009100289	910AS 3/4	009100211
910A-AS 13/16	009100291	910AS 13/16	009100212
910A-AS 7/8	009100292	910AS 7/8	009100213
910A-AS/SB13	009100295	910AS/SB13	009100215
910FTX 18	009100418		
910FTX 20	009100420		
910FTX-L 4	009100440		
910FTX-L 5	009100441		
910FTX-L 6	009100442		
910FTX-L 7	009100443		
910FTX-L 8	009100444		
910FTX-L 10	009100445		
910FTX-L/SB6	009100449		
910ME 7	009100507	910PE 7	009100497
910PT/SB8	009100558		
910 XZN4	009100559		
910 XZN5	009100560		
910 XZN6	009100561		
910 XZN8	009100563		
910 XZN10	009100565		
910FTX/XL 6	009100766		
910FTX/XL 7	009100767		
910FTX/XL 8	009100768		
910FTX/XL 10	009100770		
910FTX/XL 11	009100771		
910FTX/XL 12	009100772		
910FTX/XL 14	009100774		
910FTX/XL 16	009100776		
910FTX/XL 18	009100778		
910FTX/XL 20	009100780		
910M/35	009100839		
910/36A	009100845		
910/46	009100862		
910B/C10	009100910	910A/C10	009100909
910A/C17	009100938	910A/C16	009100936
914MQ/A 8	009140008		
914MQ/A 10	009140010		
914MQ/A 13	009140013		
914MQ/A 17	009140017		
914MQ-A/S4	009140054		
920A-AS 3/8	009200270	920AS 3/8	009200201
920A-AS 7/16	009200272	920AS 7/16	009200202
920A-AS 1/2	009200273	920AS 1/2	009200203
920A-AS 9/16	009200274	920AS 9/16	009200204
920A-AS 19/32	009200275	920AS 19/32	009200207
920A-AS 5/8	009200276		
920A-AS 11/16	009200277	920AS 11/16	009200208
920A-AS 3/4	009200279	920AS 3/4	009200209
920A-AS 25/32	009200280	920AS 25/32	009200210
920A-AS 13/16	009200281	920AS 13/16	009200211
920A-AS 7/8	009200282	920AS 7/8	009200212
920A-AS 15/16	009200284	920AS 15/16	009200214
920A-AS 1	009200285	920AS 1	009200216
920A-AS 1.1/16	009200287	920AS 1.1/16	009200217
920A-AS 1.1/8	009200289	920AS 1.1/8	009200218
920A-AS 1.3/16	009200290	920AS 1.3/16	009200219
920A-AS 1.1/4	009200292	920AS 1.1/4	009200220
920A-AS/SB11	009200295	920AS/SB11	009200225
920BL 23	009200323	920AL 23	009200637
920LP 1X5,5	009200452		
920ES-XL 7	009200607	920ES 7	009200587
920ES-XL 12	009200612	920ES 12L	009200592
920ES-XL 14	009200614	920ES 14L	009200594
920ES-XL 16	009200616	920ES 16L	009200596
920ES-XL/SB7	009200618	920ES/SB7	009200598
920/38	009200839	920/36A	009200847
920M/35	009200845	920M/35L	009200843
920/35A	009200846	920/36A	009200847
920M/56	009200894	920M/55	009200893
920/56A	009200911		
920B/C11	009200922	920A/C11	009200921
920B/C12	009200932	920B/C12X	009200934
920AS/MBM-C21	009200944	920AS/C17X	009200942
920B/C21	009200953	920A/C21	009200952
920B/C21X	009200984	920A/C21	009200952
920TX/C17	009200989		
920MC 8	009202008	920A 8	009200008
920MC 10	009202010	920A 10	009200010
920MC 11	009202011	920A 11	009200011
920MC 12	009202012	920A 12	009200012
920MC 13	009202013	920A 13	009200013
920MC 14	009202014	920A 14	009200014
920MC 15	009202015	920A 15	009200015
920MC 16	009202016	920A 16	009200016
920MC 17	009202017	920A 17	009200017
920MC 18	009202018	920A 18	009200018
920MC 19	009202019	920A 19	009200019
920MC 21	009202021	920A 21	009200021

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920MC 22	009202022	920A 22	009200022
920MC 24	009202024	920A 24	009200024
920MC/C14	009202964	920A/C20X	009200950
928AS 1	009280204		
928AS 1.3/8	009280210		
928AS 1.5/8	009280214		
930 21X23	009300040	935 21X23	009350141
930 24X26	009300044	935 24X26	009350144
930 30X32	009300056	935 30X32	009350156
930/S13	009300083	930/S8	009300081
930/C13	009300098		
932 6X6	009320006	937 6X6	009370006
932 7X7	009320007	937 7X7	009370007
932 8X8	009320008	937 8X8	009370008
932 9X9	009320009	937 9X9	009370009
932 10X10	009320010	937 10X10	009370010
932 11X11	009320011	937 11X11	009370011
932 12X12	009320012	937 12X12	009370012
932 13X13	009320013	937 13X13	009370013
932 14X14	009320014	937 14X14	009370014
932 15X15	009320015	937 15X15	009370015
932 16X16	009320016	937 16X16	009370016
932 17X17	009320017	937 17X17	009370017
932 18X18	009320018	937 18X18	009370018
932 19X19	009320019	937 19X19	009370019
932 20X20	009320020	937 20X20	009370020
932 21X21	009320021	937 21X21	009370021
932 22X22	009320022	937 22X22	009370022
932 23X23	009320023	937 23X23	009370023
932 24X24	009320024	937 24X24	009370024
932 25X25	009320025	937 25X25	009370025
932 26X26	009320026	937 26X26	009370026
932 27X27	009320027	937 27X27	009370027
932 28X28	009320028	937 28X28	009370028
932 30X30	009320030	937 30X30	009370030
932 32X32	009320032	933 32X32	009330032
932/S11	009320080	937/S11	009370080
932/S17	009320081	937/S17	009370081
932/S25	009320082	937/S17	009370081
932HS 6X6	009324006		
932HS 7X7	009324007		
932HS 8X8	009324008		
932HS 9X9	009324009		
932HS 10X10	009324010		
932HS 11X11	009324011		
932HS 12X12	009324012		
932HS 13X13	009324013		
932HS 14X14	009324014		
932HS 15X15	009324015		
932HS 16X16	009324016		
932HS 17X17	009324017		
932HS 18X18	009324018		
932HS 19X19	009324019		
933/S17	009330081	933/S11	009330080
937 32X32	009370032	933 32X32	009330032
942BX 4	009420003	942MH 4	009421003
942BX 5	009420004	942MH 5	009421004
942BX 5,5	009420005	942MH 5,5	009421005
942BX 6	009420006	942MH 6	009421006
942BX 7	009420007	942MH 7	009421007
942BX 8	009420008	942MH 8	009421008
942BX 9	009420009	942MH 9	009421009
942BX 10	009420010	942MH 10	009421010
942BX 11	009420011	942MH 11	009421011
942BX 12	009420012	942MH 12	009421012
942BX 13	009420013	942MH 13	009421013
942BX 14	009420014	942MH 14	009421014
942BX/S12	009420030		
942BX/DG	009420701		
942BX/DVG	009420751		
943BX 4	009430003	943MH 4	009431003
943BX 5	009430004	943MH 5	009431004
943BX 5,5	009430005	943MH 5,5	009431005
943BX 6	009430006	943MH 6	009431006
943BX 7	009430007	943MH 7	009431007
943BX 8	009430008	943MH 8	009431008
943BX 9	009430009	943MH 9	009431009
943BX 10	009430010	943MH 10	009431010
943BX 11	009430011	943MH 11	009431011
943BX 12	009430012	943MH 12	009431012
943BX 13	009430013	943MH 13	009431013
943BX 14	009430014	943MH 14	009431014
943BX/D6	009430026		
943BX/S12	009430030		
943BX/DG	009430701	943MH/DG	009431701
943BX/DVG	009430751	943MH/DVG	009431751
943BXK 5,5	009439005	943MHK 5,5	009439105
943BXK 6	009439006	943MHK 6	009439106
943BXK 7	009439007	943MHK 7	009439107
943BXK 8	009439008	943MHK 8	009439108
943BXK 10	009439010	943MHK 10	009439110
943BXK 13	009439013	943MHK 13	009439113
944BX 4	009440003	944MH 4	009441003
944BX 5	009440004	944MH 5	009441004
944BX 5,5	009440005	944MH 5,5	009441005
944BX 6	009440006	944MH 6	009441006
944BX 7	009440007	944MH 7	009441007
944BX 8	009440008	944MH 8	009441008
944BX 9	009440009	944MH 9	009441009
944BX 10	009440010	944MH 10	009441010
944BX 11	009440011	944MH 11	009441011
944BX 12	009440012	944MH 12	009441012
944BX 13	009440013	944MH 13	009441013
944BX 14	009440014	944MH 14	009441014
944BX/D6	009440056		
944BX/S12	009440062		
944BX/DG	009440701		
960PI	009600215	960PI/C19	009600217
960AVE	009600245		
960E-PI/P	009600706	960ER	009600726
960SN 8	009600834		
960SN 9	009600835		
960SN 10	009600836		
960EPC/L	009600890		
960UC	009600900		
960RPI	009600940		
969B 32	009690132		
969/C5	009690201		
971/C8	009710108		
987	009870001	987P	009870011
1047 180	010470180	1047N 180	010470018
1047 240	010470240	1047N 250	010470024
1047 300	010470300	1047N 300	010470030
1065F5	010650010		
1065F6	010650015		
1065P	010650020		
1096K 200	010969020	1096 200	010960020
1128BMX/F	011280059		
1172BM/P	011720102	1172BM	011720101
1173BM	011730101		
1202EL 3X300	012021303		
1202EL 4,5X300	012021305		
1202EL 4,5X400	012021306		
1202EL 6X400	012021309		
1204EL 2,5X200	012041303		
1204EL 3X300	012041306		
1204EL 4X400	012041309		
1204EL 5X400	012041315		
1204EL 6,5X400	012041318		
1229LP/A6	012290300	1257LPH/S8	012570210
1250 3X125	012500030		
1250 4X125	012500040		
1250 5X150	012500050		
1251 0X4X125	012510000		
1251 1X5X125	012510010		
1251 2X6X175	012510020		
1252/S5	012520001		
1256LP 0,8	012560001		
1256LP 1,2	012560002	1257LP 1,2	012570012
1256LP 1,5	012560003	1257LP 1,5	012570015
1256LP 1,8	012560004	1257LP 1,8	012570018
1256LP 2,0	012560005	1257LP 2,0	012570020
1256LP 2,5	012560006	1257LP 2,5	012570024
1256LP 3,0	012560007	1257LP 3,0	012570030
1256LP 3,5	012560008	1257LP 3,5	012570035
1256LP 4,0	012560009	1257LP 4,0	012570040
1256PH 000	012560011		
1256PH 00	012560012	1257PH 00	012570060
1256PH 0	012560013	1257PH 0	012570063
1256PH 1	012560014	1257PH 1	012570066
1256PE 0,7	012560021		
1256PE 0,9	012560022	1257ES 0,9	012570045
1256PE 1,3	012560023	1257ES 1,3	012570046
1256PE 1,5	012560024	1257ES 1,5	012570047
1256PE 2,0	012560025	1257ES 2,0	012570048
1256TX 3	012560041		
1256TX 4	012560042		
1256TX 5	012560043	1257TX 5	012570075
1256TX 6	012560044	1257TX 6	012570076
1256TX 7	012560045	1257TX 7	012570077
1256TX 8	012560046	1257TX 8	012570078
1256TX 9	012560047	1257TX 9	012570079
1256TX 10	012560048	1257TX 10	012570080
1256TX 15	012560049	1257TX 15	012570081
1256RTX 6	012560051		
1256RTX 7	012560052		
1256RTX 8	012560053		
1256RTX 9	012560054		
1256RTX 10	012560055		
1256PZ 000	012560061		
1256PZ 00	012560062	1257PH 00	012570060
1256PZ 0	012560063	1257PH 0	012570063
1256PZ 1	012560064	1257PH 1	012570066
1256/20	012560092		
1256/30	012560097		
1257BE 3,2	012570085		
1257BE 4,0	012570086		
1257BE 5,0	012570087		
1257BE 5,5	012570088		
1260 2,5X50	012600003	1221 2,5X50	012210003
1260 2,5X75	012600006	1221 2,5X75	012210006
1260 3X75	012600009	1221 3X75	012210009
1260 3X100	012600012	1221 3X100	012210012
1260 3,5X75	012600018	1221 3,5X75	012210018
1260 3,5X100	012600021	1221 3,5X100	012210021
1260 4X100	012600030	1221 4X100	012210030
1260 4X125	012600033	1221 4X125	012210033
1260 4X150	012600036	1221 4X150	012210036
1260 5,5X100	012600039	1221 5,5X100	012210039
1260 5,5X125	012600040	1221 5,5X125	012210040
1260 5,5X150	012600042	1221 5,5X150	012210042
1260 6,5X100	012600048	1221 6,5X100	012210048
1260 6,5X125	012600050	1221 6,5X125	012210050
1260 6,5X150	012600051	1221 6,5X150	012210051
1260 8X150	012600057	1221 8X150	012210057
1260 8X200	012600060	1221 8X200	012210060
1260 10X200	012600066	1221 10X200	012210066
1260 12X250	012600069	1221 12X250	012210069
1260 14X250	012600073		
1260N 4X30	012600103	1221N 4X30	012210103
1260N 6,5X30	012600106	1221N 6,5X30	012210106
1260E 6,5	012600156	1201E 6,5X150	012011051
1260E 8	012600157	1201E 8X150	012011057
1260E 10	012600159	1201E 10X200	012011066
1260E 12	012600162		
1260/S6	012600306	1221/S6	012210206
1260MC 2,5X50	012602003	1221 2,5X50	12210003
1260MC 3X75	012602018	1221 3X75	012210009
1260MC 4X100	012602030	1221 4X100	012210030
1260MC 5,5X150	012602040	1221 5,5X150	012210042
1260MC 6,5X150	012602051	1221 6,5X150	012210051
1260K 2,5X50	012609003	1221/K 2,5X50	012219003
1260K 2,5X75	012609006	1221/K 2,5X75	012219006
1260K 3X75	012609009	1221/K 3X75	012219009
1260K 3X100	012609012	1221/K 3X100	012219012
1260K 3,5X75	012609018	1221/K 3,5X75	012219018
1260K 3,5X100	012609021	1221/K 3,5X100	012219021
1260K 4X100	012609030	1221/K 4X100	012219030
1260K 4X125	012609033	1221/K 4X125	012219033
1260K 4X150	012609036	1221/K 4X150	012219036
1260K 5,5X100	012609039	1221/K 5,5X100	012219039
1260K 5,5X150	012609042	1221/K 5,5X150	012219042
1260K 6,5X100	012609048	1221/K 6,5X100	012219048
1260K 6,5X150	012609051	1221/K 6,5X150	012219051
1260K 8X150	012609057	1221/K 8X150	012219057
1260K 8X200	012609060	1221/K 8X200	012219060
1260K 10X200	012609066	1221/K 10X200	012219066
1260NK 4X30	012609103	1221N/K 4X30	012219103
1260NK 6,5X30	012609106	1221N/K 6,5X30	012219106
1260EK 6,5	012609156	1201E/K 6,5X150	012019251
1260EK 8	012609157	1201E/K 8X150	012019257
1260EK 10	012609159	1201E/K 10X200	012019266
1260EK 12	012609162		
1262 3X60	012620003	1222 3X60	012220003
1262 3X100	012620006	1222 3X100	012220006
1262 4,5X80	012620009	1222 4,5X80	012220009
1262 4,5X120	012620012	1222 4,5X120	012220012
1262 6X100	012620018	1222 6X100	012220018
1262 6X150	012620021	1222 6X150	012220021
1262 8X150	012620024	1222 8X150	012220024
1262 10X200	012620027	1222 10X200	012220027
1262N 4,5X30	012620103	1222N 4,5X30	012220103
1262N 6X30	012620106	1222N 6X30	012220106
1262E 6X150	012620153	1242 PH2	012420218
1262E 8X175	012620156	1242 PH3	012420221
1262E 10X200	012620159	1242 PH4	012420224
1262L 3X300	012620203	1222L 3X300	012220303
1262L 4,5X300	012620205	1222L 4,5X400	012220306
1262L 4,5X400	012620206	1222L 4,5X400	012220306
1262L 6X400	012620209	1222L 6X400	012220309
1262/S4	012620304	1222/S4	012220204
1262MC 3X60	012622003	1222 3X60	012220003
1262MC 4,5X80	012622009	1222 4,5X80	012220009
1262MC 6X100	012622018	1222 6X100	012220018
1262PHK 3X60	012629003	1222/K 3X60	012229003
1262PHK 3X100	012629006	1222/K 3X100	012229006
1262PHK 4,5X80	012629009	1222/K 4,5X80	012229009
1262PHK 4,5X120	012629012	1222/K 4,5X120	012229012
1262PHK 6X100	012629018	1222/K 6X100	012229018
1262PHK 6X150	012629021	1222/K 6X150	012229021
1262PHK 8X150	012629024	1222/K 8X150	012229024
1262PHK 10X200	012629027	1222/K 10X200	012229027
1262NPHK 4,5X30	012629103	1222N/K 4,5X30	012229103
1262NPHK 6X30	012629106	1222N/K 6X30	012229106
1262EK 6X150	012629153	1202E/K 6X150	012029221
1262EK 8X175	012629156	1202E/K 8X150	012029224
1262EK 10X200	012629159	1202E/K 9,5X200	012029227
1263/D6	012630006	1223/D6	012230006
1263/D7PZ	012630007	1223/D5PZ	012230003
1263/D8	012630008	1223/D8P	012230018
1263/D10	012630010	1223/D10	012230010
1263/D10	012630010	1223/D10N	012230019
1263/D7	012630017	1223/D7	012230007
1263/S12	012630112	1223/S12	012230022
1263/E78	012630510	1223/E78	012230510

ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

ELIMINATED ITEM
SUBSTITUTE ITEM
RECOMMENDED ITEM

1263/EV78	012630511	1223/EV78	012230511
1263/E74	012630540		
1263/EV74	012630541		
1263/E85	012630550	1223/E79	012230550
1263/EV85	012630551	1223/EV79	012230551
1263/E70	012630560	1223/E66	012230560
1263/EV70	012630561	1223/EV66	012230561
1263/E50	012630570	1223/E52	012230570
1263/EV50	012630571	1223/EV52	012230571
1263/E40	012630580	1223/E40	012230580
1263/EV40	012630581	1223/EV40	012230581
1263/E62	012630590	1223/E62	012230590
1263/EV62	012630591	1223/EV62	012230591
1263/E39	012630595	1223/E39	012230595
1263/EV39	012630596	1223/EV39	012230596
1263MC/D8	012632008	1223/D8P	012230018
1264 2,5X60	012640003	1224 2,5X60	012240003
1264 3X75	012640006	1224 3X75	012240006
1264 3X100	012640009	1224 3X100	012240009
1264 4X100	012640012	1224 4X100	012240012
1264 4X125	012640015	1224 4X100	012240012
1264 5X125	012640018	1224 5X125	012240018
1264 5X150	012640021	1224 5X125	012240018
1264 6,5X150	012640024	1224 6,5X150	012240024
1264L 2,5X200	012640203		
1264L 3X300	012640206		
1264L 4X400	012640209		
1264L 5X400	012640215		
1264L 6,5X400	012640218		
1264/S5	012640305	1224/S5	012240205
1264K 2,5X60	012649003	1224/K 2,5X60	012249003
1264K 3X75	012649006	1224/K 3X75	012249006
1264K 3X100	012649009	1224/K 3X100	012249009
1264K 4X100	012649012	1224/K 4X100	012249012
1264K 4X125	012649015	1224/K 4X100	012249012
1264K 5X125	012649018	1224/K 5X125	012249018
1264K 5X150	012649021	1224/K 5X125	012249018
1264K 6,5X150	012649024	1224/K 6,5X150	012249024
1265ES 1,5	012650015		
1265ES 2	012650020	1225ES 2	012250320
1265ES 2,5	012650025	1225ES 2,5	012250325
1265ES 3	012650030	1225ES 3	012250330
1265ES 4	012650040	1225ES 4	012250340
1265ES 5	012650050	1225ES 5	012250350
1265ES 6	012650060	1225ES 6	012250360
1265ES 8	012650080	1225ES 8	012250380
1265ES/S8	012650308	1225ES/S7	012250407
1266BP 2	012660020	1226BP 2	012260320
1266BP 2,5	012660025	1226BP 2,5	012260325
1266BP 3	012660030	1226BP 3	012260330
1266BP 4	012660040	1226BP 4	012260340
1266BP 5	012660050	1226BP 5	012260350
1266BP 6	012660060	1226BP 6	012260360
1266BP 8	012660080	1226BP 8	012260380
1266BP 10	012660100		
1266BP/S8	012660308	1226BP/S7	012260407
1267TX 05	012670005	1227TX 05	012270105
1267TX 06	012670006	1227TX 06	012270106
1267TX 07	012670007	1227TX 07	012270107
1267TX 08	012670008	1227TX 08	012270108
1267TX 09	012670009	1227TX 09	012270109
1267TX 10	012670010	1227TX 10	012270110
1267TX 15	012670015	1227TX 15	012270115
1267TX 20	012670020	1227TX 20	012270120
1267TX 25	012670025	1227TX 25	012270125
1267TX 27	012670027	1227TX 27	012270127
1267TX 30	012670030	1227TX 30	012270130
1267TX 40	012670040	1227TX 40	012270140
1267TX 45	012670045	1227TX 45	012270145
1267TX/D7	012670307	1227TX/D7	012270207
1267TX/S13	012670312	1227TX/S13	012270213
1267MC/TX 06	012672006	1227TX 06	012270106
1267MC/TX 08	012672008	1227TX 08	012270108
1267MC/TX 10	012672010	1227TX 10	012270110
1267MC/TX 15	012672015	1227TX 15	012270115
1267MC/TX 20	012672020	1227TX 20	012270120
1267MC/TX 25	012672025	1227TX 25	012270125
1267MC/TX 30	012672030	1227TX 30	012270130
1267MC/TX-D7	012672307	1227TX/D7	012270207
1267TXK 05	012679005	1227TX/K05	012279105
1267TXK 06	012679006	1227TX/K06	012279106
1267TXK 07	012679007	1227TX/K07	012279107
1267TXK 08	012679008	1227TX/K08	012279108
1267TXK 09	012679009	1227TX/K09	012279109
1267TXK 10	012679010	1227TX/K10	012279110
1267TXK 15	012679015	1227TX/K15	012279115
1267TXK 20	012679020	1227TX/K20	012279120
1267TXK 25	012679025	1227TX/K25	012279125
1267TXK 27	012679027	1227TX/K27	012279127
1267TXK 30	012679030	1227TX/K30	012279130
1267TXK 40	012679040	1227TX/K40	012279140
1267TXK 45	012679045	1227TX/K45	012279145
1268RTX 9	012680009	1228RTX 9	012280109
1268RTX 10	012680010	1228RTX 10	012280110
1268RTX 15	012680015	1228RTX 15	012280115
1268RTX 20	012680020	1228RTX 20	012280120
1268RTX 25	012680025	1228RTX 25	012280125
1268RTX 27	012680027	1228RTX 27	012280127
1268RTX 30	012680030	1228RTX 30	012280130
1268RTX 40	012680040	1228RTX 40	012280140
1268RTX/S8	012680307	1228RTX/S8	012280208
1268RTXK 9	012689009	1228RTX/K9	012289109
1268RTXK 10	012689010	1228RTX/K10	012289110
1268RTXK 15	012689015	1228RTX/K15	012289115
1268RTXK 20	012689020	1228RTX/K20	012289120
1268RTXK 25	012689025	1228RTX/K25	012289125
1268RTXK 27	012689027	1228RTX/K27	012289127
1268RTXK 30	012689030	1228RTX/K30	012289130
1268RTXK 40	012689040	1228RTX/K40	012289140
1269PZ 0	012690000	1229PZ 0	012290000
1269PZ 1	012690001	1229PZ 1	012290001
1269PZ 2	012690002	1229PZ 2	012290002
1269PZ 3	012690003	1229PZ 3	012290003
1269PZ 4	012690004	1229PZ 4	012290004
1269N/PZ 1	012690011	1229N/PZ 1	012290021
1269N/PZ 2	012690012	1229N/PZ 2	012290022
1269PZ/S4	012690304	1229PZ/S4	012290204
1269PZK 0	012699000	1229PZ/K0	012299000
1269PZK 1	012699001	1229PZ/K1	012299001
1269PZK 2	012699002	1229PZ/K2	012299002
1269PZK 3	012699003	1229PZ/K3	012299003
1269PZK 4	012699004	1229PZ/K4	012299004
1269N/PZK 1	012699011	1229N/PZK 1	012299021
1269N/PZK 2	012699012	1229N/PZK 2	012299022
1270BA 3X75	012700803	1201BA-E 3X75	012011803
1270BA 4X100	012700804	1201BA-E 4X100	012011804
1270BA 5X150	012700805	1201BA-E 5X150	012011805
1270BA 6X150	012700806	1201BA-E 6X150	012011806
1270BA 8X200	012700808	1201BA-E 8X200	012011808
1270BA 10X250	012700810	1201BA-E 10X250	012011810
1272BA 1X5X100	012720801	1202BA-E 1X5X100	012021801
1272BA 2X6X150	012720802	1202BA-E 2X6X150	012021802
1272BA 3X8X200	012720803	1202BA-E 3X8X200	012021803
1273MQ/E4	012730315		
1273BG-MQ/DV4	012730655		
1275MQ/C PH1	012750409	1235MQ/C PH1	012350409
1275MQ/C PH2	012750418	1235MQ/C PH2	012350418
1276MQ/C PZ1	012760409	1235MQ/C PZ1	012350309
1276MQ/C PZ2	012760418	1235MQ/C PZ2	012350318
1277BA TX10	012770810		
1277BA TX15	012770815		
1277BA TX20	012770820		
1277BA TX25	012770825		
1277BA TX30	012770830		
1277BA TX40	012770840		
1279MQ/F PZ1	012790409	1239MQ/F PZ1	012390409
1279MQ/F PZ2	012790418	1239MQ/F PZ2	012390418
1290 2,5X50	012900003	1221 2,5X50	012210003
1290 2,5X75	012900006	1221 2,5X75	012210006
1290 3X75	012900009	1221 3X75	012210009
1290 3X100	012900012	1221 3X100	012210012
1290 3,5X75	012900018	1221 3,5X75	012210018
1290 3,5X100	012900021	1221 3,5X100	012210021
1290 4X100	012900030	1221 4X100	012210030
1290 4X125	012900033	1221 4X125	012210033
1290 4X150	012900036	1221 4X150	012210036
1290 5,5X100	012900039	1221 5,5X100	012210039
1290 5,5X150	012900042	1221 5,5X150	012210042
1290 6,5X100	012900048	1221 6,5X100	012210048
1290 6,5X150	012900051	1221 6,5X150	012210051
1290 8X150	012900057	1221 8X150	012210057
1290 8X200	012900060	1221 8X200	012210060
1290 10X200	012900066	1221 10X200	012210066
1290 12X250	012900069	1221 12X250	012210069
1290N 4X30	012900103	1221N 4X30	012210103
1290N 6,5X30	012900106	1221N 6,5X30	012210106
1290/S5	012900305	1221/S6	012210206
1290/S9X	012900319		
1290INOX 2,5X50	012900403	1201INOX-E 2,5X50	012011403
1290INOX 3X75	012900409	1201INOX-E 3X75	012011409
1290INOX 4X100	012900430	1201INOX-E 4X100	012011430
1290INOX 5,5X150	012900442	1201INOX-E 5,5X150	012011442
1290INOX 6,5X150	012900451	1201INOX-E 6,5X150	012011451
1290HS 2,5X75	012904006		
1290HS 3X100	012904012		
1290HS 3,5X100	012904021		
1290HS 4X100	012904030		
1290HS 4X150	012904036		
1290HS 5,5X150	012904042		
1290HS 6,5X150	012904051		
1290HS 8X150	012904057		
1290HS 10X200	012904066		
1290K 2,5X50	012909003	1221/K 2,5X50	012219003
1290K 2,5X75	012909006	1221/K 2,5X75	012219006
1290K 3X75	012909009	1221/K 3X75	012219009
1290K 3X100	012909012	1221/K 3X100	012219012
1290K 3,5X75	012909018	1221/K 3,5X75	012219018
1290K 3,5X100	012909021	1221/K 3,5X100	012219021
1290K 4X100	012909030	1221/K 4X100	012219030
1290K 4X125	012909033	1221/K 4X125	012219033
1290K 4X150	012909036	1221/K 4X150	012219036
1290K 5,5X100	012909039	1221/K 5,5X100	012219039
1290K 5,5X150	012909042	1221/K 5,5X150	012219042
1290K 6,5X100	012909048	1221/K 6,5X100	012219048
1290K 6,5X150	012909051	1221/K 6,5X150	012219051
1290K 8X150	012909057	1221/K 8X150	012219057
1290K 8X200	012909060	1221/K 8X200	012219060
1290K 10X200	012909066	1221/K 10X200	012219066
1290NK 4X30	012909103	1221N/K 4X30	012219103
1290NK 6,5X30	012909106	1221N/K 6,5X30	012219106
1290K-INOX 2,5X50	012909403		
1290K-INOX 3X75	012909409		
1290K-INOX 4X100	012909430		
1290K-INOX 5,5X150	012909442		
1290K-INOX 6,5X150	012909451		
1292 3X60	012920003	1222 3X60	012220003
1292 3X100	012920006	1222 3X100	012220006
1292 4,5X80	012920009	1222 4,5X80	012220009
1292 4,5X120	012920012	1222 4,5X120	012220012
1292 6X100	012920018	1222 6X100	012220018
1292 6X150	012920021	1222 6X150	012220021
1292 8X150	012920024	1222 8X150	012220024
1292 10X200	012920027	1222 10X200	012220027
1292N 4,5X30	012920103	1222N 4,5X30	012220103
1292N 6X30	012920106	1222N 6X30	012220106
1292L 3X300	012920203	1222L 3X300	012220303
1292L 4,5X400	012920206	1222L 4,5X400	012220306
1292L 6X400	012920209	1222L 6X400	012220309
1292/S4	012920304	1222/S4	012220204
1292INOX 3X60	012920403	1202INOX-E 3X60	012021403
1292INOX 4,5X80	012920409	1202INOX-E 4,5X80	012021409
1292INOX 6X100	012920418	1202INOX-E 6X100	012021418
1292HS 3X100	012924006		
1292HS 4,5X120	012924012		
1292HS 6X150	012924021		
1292HS 8X150	012924024		
1292K 3X60	012929003	1222/K 3X60	012229003
1292K 3X100	012929006	1222/K 3X100	012229006
1292K 4,5X80	012929009	1222/K 4,5X80	012229009
1292K 4,5X120	012929012	1222/K 4,5X120	012229012
1292K 6X100	012929018	1222/K 6X100	012229018
1292K 6X150	012929021	1222/K 6X150	012229021
1292K 8X150	012929024	1222/K 8X150	012229024
1292K 10X200	012929027	1222/K 10X200	012229027
1292NK 4,5X30	012929103	1222N/K 4,5X30	012229103
1292NK 6X30	012929106	1222N/K 6X30	012229106
1292K-INOX 3X60	012929403		
1292K-INOX 4,5X80	012929409		
1292K-INOX 6X100	012929418		
1293ES 2	012930001	1225ES 2	012250320
1293ES 2,5	012930002	1225ES 2,5	012250325
1293ES 3	012930003	1225ES 3	012250330
1293ES 4	012930004	1225ES 4	012250340
1293ES 5	012930005	1225ES 5	012250350
1293ES 6	012930006	1225ES 6	012250360
1293ES 8	012930008	1225ES 8	012250380
1293ES/S7	012930057	1225ES/S7	012250407
1293/S10	012930201	1223/S12	012230022
1293/S12	012930203	1223/S12	012230022
1293/S7	012930207	1223/D7	12230007
1293/S8	012930208	1223/D8P	012230018
1293/D6	012930401	1223/D6	012230006
1293/D8	012930403	1223/D8P	012230018
1293INOX/D8	012930408	1203INOX/D8	012030408
1293BP 2	012930501	1226BP 2	012260320
1293BP 2,5	012930502	1226BP 2,5	012260325
1293BP 3	012930503	1226BP 3	012260330
1293BP 4	012930506	1226BP 4	012260340
1293BP 5	012930509	1226BP 5	012260350
1293BP 6	012930512	1226BP 6	012260360
1293BP 8	012930515	1226BP 8	012260380
1293BP/S7	012930558	1226BP/S7	012260407
1293BX/DA	012930701		
1293BX/DD	012930704		
1293BX/DE	012930705		
1293BX/DF	012930706		
1293BX/DVA	012930751		
1293BX/DVD	012930754		
1293BX/DVE	012930755		
1293BX/DVF	012930756		
1294 2,5X60	012940003	1224 2,5X60	012240003
1294 3X75	012940006	1224 3X75	012240006
1294 3X100	012940009	1224 3X100	012240009
1294 4X100	012940012	1224 4X100	012240012
1294 4X150	012940015	1224 4X100	012240012
1294 5X125	012940018	1224 5X125	012240018

ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

ELIMINATED ITEM
SUBSTITUTE ITEM
RECOMMENDED ITEM

1294 6,5X150	012940027	1224 6,5X150	012240024
1294L 3X300	012940206		
1294L 4X400	012940209		
1294L 5X400	012940215		
1294L 6,5X400	012940218		
1294/S5	012940305	1224/S5	012240205
1294HS 2,5X60	012944003		
1294HS 3X75	012944006		
1294HS 4X100	012944012		
1294HS 5X125	012944018		
1294K 2,5X60	012949003	1224/K 2,5X60	012249003
1294K 3X75	012949006	1224/K 3X75	012249006
1294K 4X100	012949012	1224/K 4X100	012249012
1294K 5X125	012949018	1224/K 5X125	012249018
1297TX 06	012970006	1227TX 06	012270106
1297TX 07	012970007	1227TX 07	012270107
1297TX 08	012970008	1227TX 08	012270108
1297TX 09	012970009	1227TX 09	012270109
1297TX 10	012970010	1227TX 10	012270110
1297TX 15	012970015	1227TX 15	012270115
1297TX 20	012970020	1227TX 20	012270120
1297TX 25	012970025	1227TX 25	012270125
1297TX 27	012970027	1227TX 27	012270127
1297TX 30	012970030	1227TX 30	012270130
1297TX 40	012970040	1227TX 40	012270140
1297TX 45	012970045	1227TX 45	012270145
1297TX/L 15	012970115	1227TX 15	012270115
1297TX/L 20	012970120	1227TX 20	012270120
1297TX/L 25	012970125	1227TX 25	012270125
1297TX/L 30	012970130	1227TX 30	012270130
1297TX/L 45	012970145	1227TX 45	012270145
1297TX/S12	012970312	1227TX/S13	012270213
1297TX/L-S5	012970325		
1297TX/D6	012970409	1227TX/D7	012270207
1298RTX 09	012980009	1228RTX 9	012280109
1298RTX 10	012980010	1228RTX 10	012280110
1298RTX 15	012980015	1228RTX 15	012280115
1298RTX 20	012980020	1228RTX 20	012280120
1298RTX 25	012980025	1228RTX 25	012280125
1298RTX 27	012980027	1228RTX 27	012280127
1298RTX 30	012980030	1228RTX 30	012280130
1298RTX 40	012980040	1228RTX 40	012280140
1298RTX/S8	012980308	1228RTX/S8	012280208
1298RTXK 09	012989009	1228RTX/K9	012289109
1298RTXK 10	012989010	1228RTX/K10	012289110
1298RTXK 15	012989015	1228RTX/K15	012289115
1298RTXK 20	012989020	1228RTX/K20	012289120
1298RTXK 25	012989025	1228RTX/K25	012289125
1298RTXK 27	012989027	1228RTX/K27	012289127
1298RTXK 30	012989030	1228RTX/K30	012289130
1298RTXK 40	012989040	1228RTX/K40	012289140
1299PZ 0	012990000	1229PZ 0	012290000
1299PZ 1	012990003	1229PZ 1	012290001
1299PZ 2	012990006	1229PZ 2	012290002
1299PZ 3	012990009	1229PZ 3	012290003
1299PZ 4	012990012	1229PZ 4	012290004
1299N/PZ 1	012990021	1229N/PZ 1	012290021
1299N/PZ 2	012990024	1229N/PZ 2	012290022
1299PZ/S6	012990306	1229PZ/S4	012290204
1299HS PZ0	012994000		
1299HS PZ1	012994003		
1299HS PZ2	012994006		
1299HS PZ3	012994009		
1299PZK 0	012999000	1229PZ/K0	012299000
1299PZK 1	012999003	1229PZ/K1	012299001
1299PZK 2	012999006	1229PZ/K2	012299002
1299N/PZK 1	012999021	1229N/PZK 1	012299021
1299N/PZK 2	012999024	1229N/PZK 2	012299022
1302	013020001		
1304	013040001		
1305Z	013050002		
1307	013070001		
1308	013080001		
1312	013120001		
1360/K6	013600006	1360/KP3	013600503
1361/C12	013610012	1360/KP3	013600503
1368	013680001	1368N	013680002
1369/C11	013690033		
1428L/B3	014280303		
1431/3	014310051	1430/1	014300006
1431/5	014310052	1430/2	014300008
1431/6	014310053	1430/3	014300011
1431/8	014310054	1430/4	014300014
1431/9	014310055	1430/5	014300018
1435R	014350010		
1435/1R	014350011		
1440/1A	014400011		
1445/2	014450002	1445/1	014450001
1452PN/K	014520110	1452K	014520100
1464CBD	014640300	1464CBD/N	014640301
1467TU	014670090		
1472FC/GE	014720093	1472FC	014720090
1474G	014740200		
1476GT	014760050		
1476C/1	014760101		
1477/C10	014770310	1477/C38	014770338
1479L/S2	014790510	1479L/K4	014790604
1481T/C12	014810212		
1481/C12	014810312		
1481K/S4	014810400		
1482/2	014820002	1482/1	014820001
1482A/1B	014820004	1482/1	014820001
1482A/3	014820007		
1482C	014820022		
1484	014840010		
1485BP	014850000		
1491T	014910050	1491A	014910040
1492/1	014920001		
1492/2	014920002		
1492T 40	014920540	1491A	014910040
1492T 75	014920575	1491A	014910040
1493/S	014930074	1493H	014930077
1493J	014930080		
1493X/1	014930105	1493H	014930077
1493X/2	014930110	1493Y/1	014930120
1493 65-L14	014930200		
1493 66-L6	014930202		
1493 73-L14	014930208		
1493 74-L14	014930209		
1493 76-L12	014930216		
1493 76-L14	014930218		
1493 76-L15	014930220		
1493 76-L30	014930222		
1493 78-L15	014930224		
1493 80-L15	014930226		
1493 82-L15	014930228		
1493 86-L16	014930230		
1493 86-L18	014930232		
1493 93-L36	014930240		
1493 93-L45	014930242		
1493 100-L15	014930248		
1493 106-L15	014930250		
1493 108-L15	014930252		
1493 108-L18	014930254		
1493 135-L18	014930256		
1493AL/4S 70	014930304		
1493AL/4S 80	014930305		
1493AL 64-L14	014930310		
1493AL 66,5-L14	014930315		
1493AL 74-L14	014930320		
1493AL 84-L14	014930330		
1493AL 92-L15	014930340		
1493AL 100,5-L15	014930350		
1493AL/CF 24	014930424		
1493AL/CF 30	014930430		
1493AL/CF 32,5	014930432		
1493AL/CF 38	014930438		
1493B 24	014930524		
1493B 27	014930527		
1493B 32	014930532		
1493B 36	014930536		
1493B 38	014930538		
1494E 8	014940208		
1494E 9	014940209		
1494E 10	014940210		
1494E 11	014940211		
1494E 12	014940212		
1494E 14	014940214		
1494E 17	014940217		
1494 10	014940280		
1494T 9,5	014940289		
1494XZN 16	014940296		
1494VW	014940305		
1494VW/KT	014940311		
1494BMW	014940315		
1494FPC	014940320		
1494MRC	014940325		
1494MAN	014940330		
1497D	014970150	1497BS	014970190
1497TE	014970180		
1497RC	014970351		
1498MN/12-R	014980003		
1498MN/12-P	014980004		
1498MN/12-C	014980005		
1498LT/12	014980012	1498ULTRA/12	014980960
1498LT/12-SF	014980013		
1498LT/12-24	014980014	1498ULTRA/12-24	014980970
1498SM	014980020		
1498LT/12-R7	014980657		
1502/0	015020000	1502/1	015020001
1502/4	015020004		
1506	015060001	1515/1	015150101
1519/0	015190000	1518U/0	015180500
1519/1	015190001	1518U/1	015180501
1519/2	015190002	1518U/2	015180502
1519/3	015190003	1518U/3	015180503
1520/1	015200101	1521/1	015210101
1520/2	015200102	1521/2	015210102
1558/C4	015580100		
1558P 2,5	015580125		
1558P 3,0	015580130		
1558P 3,5	015580135		
1558/C13	015580200		
1651DGTB/IP	016510711	1651DGTB 150	016510211
1652	016520016	1650 150	016500001
1658/100	016580100		
1672	016720030	1672A 300	016720130
1674A 400	016740140		
1701N/PM 250	017010101	1701N 250	017010001
1702N/PM 50	017020105	1702N 50	017020005
1702N/PM 70	017020107	1702N 70	017020007
1712E/1	017120011	1712E/1	017120021
1712E/2	017120012	1712E/2	017120022
1712E/3	017120013	1712E/3	017120023
1714	017140001	1715	017150001
1715L	017150005	1715I	017150020
1717A 150	017170015		
1717A 250	017170025		
1717B 150	017170115		
1717B 200	017170120		
1717C 150	017170215		
1717C 200	017170220		
1717C 250	017170225		
1717D 150	017170320		
1717T	017170610		
1717T RT	017170660		
1717T RS	017170661		
1717V 38	017170703		
1717V 65	017170706		
1717V R38	017170753		
1717V R65	017170756		
1726	017260001	1726N	017260040
1730 100	017300100		
1739C	017390152	1740AN	017400103
1743T	017430100	1743	017430001
1751CR 200	017510202	1751N 200	017510020
1751CR 300	017510203	1751N 300	017510030
1751CR 500	017510205	1751N 500	017510050
1751CR 700	017510207	1751N 700	017510075
1751CR 1000	017510210	1751N 1000	017510100
1758 ADB-D	017580050	1758 ADB-45	017580060
1759HD/TRUCK	017590065		
1759TT	017590300		
1763	017630001		
1764/K5-R1	017640003		
1764/K5-R2	017640004		
1764/K5-R3	017640005		
1764/K5-R4	017640006		
1778V18	017780018		
1827	018270001	1827/K	018270100
1833 XS/1	018330000	1833 XS/2	018330001
1833 XL	018330005	1833 L	018330004
1836B	018360200	1836BW	018360201
1837F/USB	018370060	1838F	018380040
1837C/2100	018370210	1837C/4300	018370430
1837RB-F/USB	018370960		
1837C/RA2100-4300	018370970		
1838/11LED	018380111	1838/13LED-W	018380112
1838FLASH	018380300	1838FLASHPRO	018380301
1838RB/10LED	018380902		
1838RA/10-11LED	018380903		
1838RV/11LED	018380905		
1838RR/11LED	018380914		
1838RB/FLASH	018380930		
1839/R2	018390502		
1842LED/BM	018420301	1842/13LED-BM	018420302
1842LED/ABM	018420311	1842/13LED-ABM	018420312
1846LED/BM R	018460331	1846/13LED-BM R	018460332
1852R1750	018520175	1852R1750/N	018520176
1875SP/K3	018750010		
1879 6	018790000	1879/FUEL	018790010
1885	018850010		
1885/C1-R1	018850111		
1885/C1-R2	018850112		
1885/C1-R6	018850116		
1885/C1-R8	018850118		
1885/C2-R1	018850121		
1885/C2-R6	018850126		
1885/C2-R7	018850127		
1885/C3-R3	018850133		
1885/C3-R4	018850134		
1885/C3-R5	018850135		
1885/C3-R6	018850136		
1885/C3-R7	018850137		
1885/C3-R8	018850138		
1885/C3-R9	018850139		
1885/C3-R10	018850140		
1885/XC60	018850151		
1889CF	018890010		
1899A	018990010	1899A/N	018990020
1919F1/4	019190250	1919FN1/4	019190251
1919F3/8	019190350	1919FN3/8	019190351
1919F1/2	019190450	1919FN1/2	019190461
1919RB-F	019190510		

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SUBSTITUTE ITEM
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1919RM-F	019190520	1919RM-FN	019190521
1919RF-F	019190530		
1937KL-RP	019370163		
1946KF	019460012		
1989RCB	019890020		
2001/BV	020010051	2001/BZV	020010151
2001/B26	020010215	2001/BZ27 VU	020010157
2005PA/D	020050000	2005PA/S	020050020
2005PA/E	020050030	2005PA/S	020050020
2005PA/ET	020050035		
2005PA/U	020050040		
2028EL/A	020281014		
2028ET/A	020281018		
2032/TV	020320110	2031/TV	020310200
2032TET/A	020321328		
2037/TV	020370000	2038/TV	020380000
2041UC	020410215	2041UC	020410225
2051N	020510225	2051N	020510235
2080/VG	020800100		
2107VU/3	021071114	2107VU/2	021071112
2108VU/1	021081022		
2109VU/1	021091022	2109VU/3	021091024
2110VU/1	021101031	2110VU/3	021101034
2110VU/AS	021101036	2110VU/3	021101034
2110SVU/1	021101041	2110SVU/3	021101044
2111VU/1	021111031	2111VU/3	021111034
C14	021140000	C14N	021140001
2115PVU/1	021151232	2115PVU/2	021151234
2115PL-VU/1	021151242	2115PL-VU/3	021151245
C16	021160000	CP15L	021150202
2116VU/1	021161102	2115PL-VU/3	021151245
2116VU/3	021161105	2115PL-VU/3	021151245
2117P-VU/1	021171042	2117P-VU/3	021171045
2117L-VU/1	021171142	2117PL-VU/3	021171145
2118VU/1	021181032	2119VU/3	021191025
2120VU/AS	021201068	2120VU/3	021201063
2120L-VU/AS	021201168	2120L-VU/3	021201163
RSC23T-FO	023003020	RSC23T-O	023003021
RSC23T-G	023003022	RSC23T-A	023003027
RSC23T-B	023003026	RSC23T-A	023003027
RSC23T-N	023003029	RSC23T-A	023003027
TV136	024000438		
TV90	024000447	TV90MH	024000647
TV264	024000466		
TV285	024000487		
TV294	024000491		
TV183	024000497		
TV180	024000701	TV180MH	024000711
TV227	024000705	TV227MH	024000715
TV160	024000706	TV160MH	024000716
TV161	024000707	TV161MH	024000717
TV61	024000721		
TV170	024000741	TV170MH	024000751
TV171	024000742	TV171MH	024000752
TV172	024000743	TV172MH	024000753
TV173	024000744	TV173MH	024000754
TV85	024000747	TV85MH	024000757
TV207	024000758		
TV177	024000759		
TV175	024000760	TV175MH	024000770
TV176	024000761	TV176MH	024000771
RSC24/5-FO	024004050	RSC24/5-O	024004051
RSC24/5-G	024004052	RSC24/5-A	024004057
RSC24/5-B	024004056	RSC24/5-A	024004057
RSC24/5-N	024004059	RSC24/5-A	024004057
RSC24/6-FO	024004060	RSC24/6-O	024004061
RSC24/6-G	024004062	RSC24/6-A	024004067
RSC24/6-B	024004066	RSC24/6-A	024004067
RSC24/6-N	024004069	RSC24/6-A	024004067
RSC24/8-FO	024004080	RSC24/8-O	024004081
RSC24/8-G	024004082	RSC24/8-A	024004087
RSC24/8-B	024004086	RSC24/8-A	024004087
RSC24/8-N	024004089	RSC24/8-A	024004087
2400 RSC24/PC-N	024004904	2400 RSC24/PC-A	024004903
2400 RSC24/PF-N	024004906	2400 RSC24/PF-A	024004905
2400 RSC24/PD-N	024004908	2400 RSC24/PD-A	024004907
T34	024240034	T33	024240033
T64	024240064		
T76	024240076	T75	024240075
T85	024240085	T85MH	024240088
T91	024240091	T91MH	024240098
T136	024240136		
T160	024240160	T167MH	024240182
T161	024240161	T168MH	024240184
T164	024240164	T63	024240063
T167	024240167	T167MH	024240182
T168	024240168	T168MH	024240184
T170	024240170	T199MH	024240189
T171	024240171	T201MH	024240251
T172	024240172	T202MH	024240252
T173	024240173	T204MH	024240242
T175	024240175	T205MH	024240247
T176	024240176	T206MH	024240246
T177	024240177	T187MH	024240187
T180	024240180	T208MH	024240243
T183	024240183		
T198	024240198		
T199	024240199	T199MH	024240189
T201	024240201	T201MH	024240251
T202	024240202	T202MH	024240252
T204	024240204	T204MH	024240242
T205	024240205	T205MH	024240247
T206	024240206	T206MH	024240246
T207	024240207	T187MH	024240187
T208	024240208	T208MH	024240243
T209	024240209		
T227	024240227	T227MH	024240244
T264	024240264		
T279	024240279		
T294	024240294		
M13	024500013	M05	024500005
M52	024500052	M50	024500050
M60	024500060	M60MH	024500072
M67	024500067	M65	024500065
M91	024500091	M91MH	024500098
M94	024500094	M91MH	024500098
M100	024500100	M100MH	024500109
M112	024500112		
M121	024500121		
M129	024500129	M129	024500147
M170	024500170	M170MH	024500179
M172	024500172	M172MH	024500185
M174	024500174	M204MH	024500242
M180	024500180	M180MH	024500181
M195	024500195	M195MH	024500196
M201	024500201	M180MH	024500181
M204	024500204	M204MH	024500242
M208	024500208	M208MH	024500243
M209	024500209	M208MH	024500243
M217	024500217	M204MH	024500242
M227	024500227	M227MH	024500244
M264	024500264		
M105	024500871	M105MH	024500114
M166	024500879	M166MH	024500881
MB37	024504237	MB37	024504274
MB39	024504239	MB37MH	024504274
MB44	024504244	MB44MH	024504243
MB46	024504246	MB44MH	024504243
MB47	024504247		
MB58	024504258	MB65	024504265
MB59	024504259	MB65	024504265
MB63	024504263	MB63	024504271
MV13	024510013		
MV60	024510060	MV72MH	024510072
MV67	024510067		
MV85	024510085	MV88	024510088
MV89	024510089	MV98MH	024510098
MV95	024510095		
MV97	024510097	MV178	024510178
MV104	024510104	MV109MH	024510109
MV107	024510107	MV114MH	024510114
MV112	024510112		
MV121	024510121		
MV138	024510138	MV147	024510147
MV161	024510161	MV163	024510163
MV170	024510170	MV179MH	024510179
MV172	024510172	MV185MH	024510185
MV174	024510174		
MV180	024510180	MV181MH	024510181
MV195	024510195	MV196MH	024510196
MV201	024510201		
MV204	024510204	MV242MH	024510242
MV208	024510208	MV243MH	024510243
MV215	024510215		
MV227	024510227	MV244MH	024510244
MV264	024510264		
MV284	024510284	MV274	024510274
MV400	024510400	MV402	024510402
MV880	024510880	MV881MH	024510881
MBV27	024524227	MBV74	024524274
MBV29	024524229		
MBV44	024524244	MBV43MH	024524243
MBV46	024524246		
MBV55	024524255		
MBV57	024524257		
MBV62	024524262	MBV66	024524266
MBV63	024524263	MBV71	024524271
MBV70	024524270		
MM60	024580060	MM60MH	024580072
MM100	024580100	MM100MH	024580109
MM105	024580105	MM105MH	024580114
MMV60	024590060	MMV72MH	024590072
MMV104	024590104	MMV109MH	024590109
MMV107	024590107	MMV114MH	024590114
MMV400	024590400	MMV402	024590402
2499PF-O	024990210	2499PF/M	024990050
2499PF-G	024990219	2499PF/M	024990050
2499PF-R	024990230	2499PF/M	024990050
MC20	027500020	MC20	027500014
MCV24	027510024	MCV14	027510014
3000M/PLM	030000350		
3003PRO/SP	030030151		
3003PRO/PM	030030152		
3003PRO/RCR	030030650		
3003PRO/RRG	030030651		
3003PRO/RT	030030652		
3012I	030120250	3012C	030120255
3014SAR/1	030140361		
3091/30	030910030		
3091/45	030910045		
3093/U	030930050		
3099E/L	030990103	3099E/M	030990102
3932U	039320011	3932U/13	039320013
C39MD-R	039390103	C39MD-O	039390101
C41H-V	041000024	C41H-O	041000002
C41H/CE	041000916		
MC12	041500012		
MC21	041500021		
MCV11	041510011		
MCV17	041510017		
RSC50 RB/0,63	050001140	RSC50 2.0 RB/0,96	050001161
RSC50 RB/0,75	050001141	RSC50 2.0 RB/0,75	050001160
RSC50 RB/1,5	050001142	RSC50 2.0 RB/1,5	050001162
RSC50 RB/2,2	050001143	RSC50 2.0 RB/2,2	050001163
5000 RSC50/ MPA140	050001706		
5000 RSC50/CAL	050001711		
5000 RSC50 2.0/ PLED-ST	050001715	5000 RSC50/ PLEDC-ST	050001713
C55AE	055000325		
C55AT1	055000421	C55A1	055000411
C56P O	056000011	C56PL O	056000021
C56W-R	056000253	C56W-O	056000251
C57S/D-R	057001404	C57S/D-O	057001004
C57S/A-R	057001405	C57S/A-O	057001005
C58P-R	058000223	C58P-O	058000221
C59B-R	059000052	C59B-O	059000012
C59C-R	059000053	C59C-O	059000013
5902MT	059021053		
5902MT/AS	059021054		
5904VG/3	059041062		
5915VU/1	059151024		
5915VU/AS	059151032		
5935VG/1MB	059351321		
6600 M/27	066000027		
6600 M/42	066000042		
6600 M/63	066000063	6600 M/68	066000068
6600 M/116	066000116		
6600 M/315	066000315		
6600 M/320	066000320		
6600 M/326	066000326	6600 M/372	066000372
6600 M/327	066000327	6600 M/373	066000373
6600 M/330	066000330	6600 M/374	066000374
6600 M/380	066000380	6600 M/381	066000381
6600 M/548	066000548		
7076BD	070760019		
7076BU	070760039		
7212B 35	072120235	7317NA 35	073170135
7212B 36	072120236	7317NA 36	073170136
7212B 37	072120237	7317NA 37	073170137
7212B 38	072120238	7317NA 38	073170138
7212B 39	072120239	7317NA 39	073170139
7212B 40	072120240	7317NA 40	073170140
7212B 41	072120241	7317NA 41	073170141
7212B 42	072120242	7317NA 42	073170142
7212B 43	072120243	7317NA 43	073170143
7212B 44	072120244	7317NA 44	073170144
7212B 45	072120245	7317NA 45	073170145
7212B 46	072120246	7317NA 46	073170146
7212B 47	072120247	7317NA 47	073170147
7212B 48	072120248	7317NA 48	073170148
7212G 35	072120335	7317NA 35	073170135
7212G 36	072120336	7317NA 36	073170136
7212G 37	072120337	7317NA 37	073170137
7212G 38	072120338	7317NA 38	073170138
7212G 39	072120339	7317NA 39	073170139
7212G 40	072120340	7317NA 40	073170140
7212G 41	072120341	7317NA 41	073170141
7212G 42	072120342	7317NA 42	073170142
7212G 43	072120343	7317NA 43	073170143
7212G 44	072120344	7317NA 44	073170144
7212G 45	072120345	7317NA 45	073170145
7212G 46	072120346	7317NA 46	073170146
7212G 47	072120347	7317NA 47	073170147
7212G 48	072120348	7317NA 48	073170148
7213G 35	072130135	7316NG 35	073160635
7213G 36	072130136	7316NG 36	073160636
7213G 37	072130137	7316NG 37	073160637
7213G 38	072130138	7316NG 38	073160638
7213G 39	072130139	7316NG 39	073160639
7213G 40	072130140	7316NG 40	073160640
7213G 41	072130141	7316NG 41	073160641
7213G 42	072130142	7316NG 42	073160642

ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

ELIMINATED ITEM
SUBSTITUTE ITEM
RECOMMENDED ITEM

7213G 43	072130143	7316NG 43	073160643
7213G 44	072130144	7316NG 44	073160644
7213G 45	072130145	7316NG 45	073160645
7213G 46	072130146	7316NG 46	073160646
7213G 47	072130147	7316NG 47	073160647
7213G 48	072130148	7316NG 48	073160648
7214FN 35	072140035	7214G 35	072140235
7214FN 36	072140036	7214G 36	072140236
7214FN 37	072140037	7214G 37	072140237
7214FN 38	072140038	7214G 38	072140238
7214FN 39	072140039	7214G 39	072140239
7214FN 40	072140040	7214G 40	072140240
7214FN 41	072140041	7214G 41	072140241
7214FN 42	072140042	7214G 42	072140242
7214FN 43	072140043	7214G 43	072140243
7214FN 44	072140044	7214G 44	072140244
7214FN 45	072140045	7214G 45	072140245
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7214FN 47	072140047	7214G 47	072140247
7214FN 48	072140048	7214G 48	072140248
7215FN 35	072150135		
7215FN 36	072150136		
7215FN 37	072150137		
7215FN 38	072150138		
7215FN 39	072150139		
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7215FN 48	072150148		
7218FN 35	072180035	7218G 35	072180135
7218FN 36	072180036	7218G 36	072180136
7218FN 37	072180037	7218G 37	072180137
7218FN 38	072180038	7218G 38	072180138
7218FN 39	072180039	7218G 39	072180139
7218FN 40	072180040	7218G 40	072180140
7218FN 41	072180041	7218G 41	072180141
7218FN 42	072180042	7218G 42	072180142
7218FN 43	072180043	7218G 43	072180143
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7218FN 45	072180045	7218G 45	072180145
7218FN 46	072180046	7218G 46	072180146
7218FN 47	072180047	7218G 47	072180147
7218FN 48	072180048	7218G 48	072180148
7220PEK 35	072200235	7202BP 35	072020635
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7220PEK 37	072200237	7202BP 37	072020637
7220PEK 38	072200238	7202BP 38	072020638
7220PEK 39	072200239	7202BP 39	072020639
7220PEK 40	072200240	7202BP 40	072020640
7220PEK 41	072200241	7202BP 41	072020641
7220PEK 42	072200242	7202BP 42	072020642
7220PEK 43	072200243	7202BP 43	072020643
7220PEK 44	072200244	7202BP 44	072020644
7220PEK 45	072200245	7202BP 45	072020645
7220PEK 46	072200246	7202BP 46	072020646
7220PEK 47	072200247	7202BP 47	072020647
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7221PEK 36	072210236	7203BP 36	072030636
7221PEK 37	072210237	7203BP 37	072030637
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7221PEK 39	072210239	7203BP 39	072030639
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7221PEK 41	072210241	7203BP 41	072030641
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7221PEK 46	072210246	7203BP 46	072030646
7221PEK 47	072210247	7203BP 47	072030647
7221PEK 48	072210248	7203BP 48	072030648
7222PEK 35	072220135	7200BP 35	072000635
7222PEK 36	072220136	7200BP 36	072000636
7222PEK 37	072220137	7200BP 37	072000637
7222PEK 38	072220138	7200BP 38	072000638
7222PEK 39	072220139	7200BP 39	072000639
7222PEK 40	072220140	7200BP 40	072000640
7222PEK 41	072220141	7200BP 41	072000641
7222PEK 42	072220142	7200BP 42	072000642
7222PEK 43	072220143	7200BP 43	072000643
7222PEK 44	072220144	7200BP 44	072000644
7222PEK 45	072220145	7200BP 45	072000645
7222PEK 46	072220146	7200BP 46	072000646
7222PEK 47	072220147	7200BP 47	072000647
7222PEK 48	072220148	7200BP 48	072000648
7223PEK 35	072230135	7200BP 35	072000635
7223PEK 36	072230136	7200BP 36	072000636
7223PEK 37	072230137	7200BP 37	072000637
7223PEK 38	072230138	7200BP 38	072000638
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7223PEK 40	072230140	7200BP 40	072000640
7223PEK 41	072230141	7200BP 41	072000641
7223PEK 42	072230142	7200BP 42	072000642
7223PEK 43	072230143	7200BP 43	072000643
7223PEK 44	072230144	7200BP 44	072000644
7223PEK 45	072230145	7200BP 45	072000645
7223PEK 46	072230146	7200BP 46	072000646
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7241EN 37	072410837	7241NE 37	072411137
7241EN 38	072410838	7241NE 38	072411138
7241EN 39	072410839	7241NE 39	072411139
7241EN 40	072410840	7241NE 40	072411140
7241EN 41	072410841	7241NE 41	072411141
7241EN 42	072410842	7241NE 42	072411142
7241EN 43	072410843	7241NE 43	072411143
7241EN 44	072410844	7241NE 44	072411144
7241EN 45	072410845	7241NE 45	072411145
7241EN 46	072410846	7241NE 46	072411146
7241EN 47	072410847	7241NE 47	072411147
7241EN 48	072410848	7241NE 48	072411148
7243EN 35	072430835	7243NE 35	072431135
7243EN 36	072430836	7243NE 36	072431136
7243EN 37	072430837	7243NE 37	072431137
7243EN 38	072430838	7243NE 38	072431138
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7243EN 40	072430840	7243NE 40	072431140
7243EN 41	072430841	7243NE 41	072431141
7243EN 42	072430842	7243NE 42	072431142
7243EN 43	072430843	7243NE 43	072431143
7243EN 44	072430844	7243NE 44	072431144
7243EN 45	072430845	7243NE 45	072431145
7243EN 46	072430846	7243NE 46	072431146
7243EN 47	072430847	7243NE 47	072431147
7243EN 48	072430848	7243NE 48	072431148
7246E 35	072460435	7246NE 35	072461135
7246E 36	072460436	7246NE 36	072461136
7246E 37	072460437	7246NE 37	072461137
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7246E 39	072460439	7246NE 39	072461139
7246E 40	072460440	7246NE 40	072461140
7246E 41	072460441	7246NE 41	072461141
7246E 42	072460442	7246NE 42	072461142
7246E 43	072460443	7246NE 43	072461143
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7246E 45	072460445	7246NE 45	072461145
7246E 46	072460446	7246NE 46	072461146
7246E 47	072460447	7246NE 47	072461147
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7316NB 35	073160735	7316NG 35	073160635
7316NB 36	073160736	7316NG 36	073160636
7316NB 37	073160737	7316NG 37	073160637
7316NB 38	073160738	7316NG 38	073160638
7316NB 39	073160739	7316NG 39	073160639
7316NB 40	073160740	7316NG 40	073160640
7316NB 41	073160741	7316NG 41	073160641
7316NB 42	073160742	7316NG 42	073160642
7316NB 43	073160743	7316NG 43	073160643
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7316NB 45	073160745	7316NG 45	073160645
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7316NB 47	073160747	7316NG 47	073160647
7316NB 48	073160748	7316NG 48	073160648
7356V 38	073560138	7356G 38	073560038
7356V 39	073560139	7356G 39	073560039
7356V 40	073560140	7356G 40	073560040
7356V 41	073560141	7356G 41	073560041
7356V 42	073560142	7356G 42	073560042
7356V 43	073560143	7356G 43	073560043
7356V 44	073560144	7356G 44	073560044
7356V 45	073560145	7356G 45	073560045
7356V 46	073560146	7356G 46	073560046
7356V 47	073560147	7356G 47	073560047
7356V 48	073560148	7356G 48	073560048
7356LN 34	073560234		
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7356LN 40	073560240	7356G 40	073560040
7356LN 41	073560241	7356G 41	073560041
7356LN 42	073560242	7356G 42	073560042
7357V 38	073570138	7357G 38	073570038
7357V 39	073570139	7357G 39	073570039
7357V 40	073570140	7357G 40	073570040
7357V 41	073570141	7357G 41	073570041
7357V 42	073570142	7357G 42	073570042
7357V 43	073570143	7357G 43	073570043
7357V 44	073570144	7357G 44	073570044
7357V 45	073570145	7357G 45	073570045
7357V 46	073570146	7357G 46	073570046
7357V 47	073570147	7357G 47	073570047
7357V 48	073570148	7357G 48	073570048
7362B 39	073620039		
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7363N 47	073630047		
7363N 48	073630048		
7372B 47	073720047		
7372B 48	073720048		
7376A 39	073760039		
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7376A 41	073760041		
7376A 42	073760042		
7376A 43	073760043		
7376A 44	073760044		
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7382N 47	073820047		
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7398EF 37	073981137		
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7422P 39/42	074220102		
7422P 43/46	074220104		
7527 XXXL	075270058		
7530 XS	075300046		
7530 S	075300048	7528 XS	075280046
7530 M	075300050	7528 S	075280048
7530 L	075300052	7528 M	075280050
7530 XL	075300054	7528 L	075280052
7530 XXL	075300056	7528 XL	075280054
7530 XXXL	075300058	7528 XXL	075280056
7548M XS	075480400	7548T XS	075480700
7548M S	075480401	7548T S	075480701
7548M M	075480402	7548T M	075480702
7548M L	075480403	7548T L	075480703
7548M XL	075480404	7548T XL	075480704
7548M XXL	075480405	7548T XXL	075480705
7548M XXXL	075480406	7548T XXXL	075480706
7548C XS	075480500	7548D XS	075480600
7548C S	075480501	7548D S	075480601
7548C M	075480502	7548D M	075480602
7548C L	075480503	7548D L	075480603
7548C XL	075480504	7548D XL	075480604
7548C XXL	075480505	7548D XXL	075480605
7548C XXXL	075480506	7548D XXXL	075480606
7579QN S	075790201		
7579QN M	075790202		
7579QN L	075790203		
7579QN XL	075790204		

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7579QN XXL	075790205		
7579QN XXXL	075790206		
7650 XS	076500000	7560NG XS	075600000
7650 S	076500001	7560NG S	075600001
7650 M	076500002	7560NG M	075600002
7650 L	076500003	7560NG L	075600003
7650 XL	076500004	7560NG XL	075600004
7650 XXL	076500005	7560NG XXL	075600005
7650 XXXL	076500006	7560NG XXXL	075600006
7653G XS	076530000		
7653G S	076530001		
7653G M	076530002		
7653G L	076530003		
7653G XL	076530004		
7653G XXL	076530005		
7653G XXXL	076530006		
7654N XS	076540000	7563N XS	075630000
7654N S	076540001	7563N S	075630001
7654N M	076540002	7563N M	075630002
7654N L	076540003	7563N L	075630003
7654N XL	076540004	7563N XL	075630004
7654N XXL	076540005	7563N XXL	075630005
7654N XXXL	076540006	7563N XXXL	075630006
7654B XS	076540100	7563N XS	075630000
7654B S	076540101	7563N S	075630001
7654B M	076540102	7563N M	075630002
7654B L	076540103	7563N L	075630003
7654B XL	076540104	7563N XL	075630004
7654B XXL	076540105	7563N XXL	075630005
7654B XXXL	076540106	7563N XXXL	075630006
7657N XS	076570000	7564N XS	075640000
7657N S	076570001	7564N S	075640001
7657N M	076570002	7564N M	075640002
7657N L	076570003	7564N L	075640003
7657N XL	076570004	7564N XL	075640004
7657N XXL	076570005	7564N XXL	075640005
7657N XXXL	076570006	7564N XXXL	075640006
7660G XS	076600000	7570NG XS	075700000
7660G S	076600001	7570NG S	075700001
7660G M	076600002	7570NG M	075700002
7660G L	076600003	7570NG L	075700003
7660G XL	076600004	7570NG XL	075700004
7660G XXL	076600005	7570NG XXL	075700005
7660G XXXL	076600006	7570NG XXXL	075700006
7661G XS	076610000	7571NG XS	075710000
7661G S	076610001	7571NG S	075710001
7661G M	076610002	7571NG M	075710002
7661G L	076610003	7571NG L	075710003
7661G XL	076610004	7571NG XL	075710004
7661G XXL	076610005	7571NG XXL	075710005
7661G XXXL	076610006	7571NG XXXL	075710006
7664N XS	076640000	7565NG XS	075650400
7664N S	076640001	7565NG S	075650401
7664N M	076640002	7565NG M	075650402
7664N L	076640003	7565NG L	075650403
7664N XL	076640004	7565NG XL	075650404
7664N XXL	076640005	7565NG XXL	075650405
7664N XXXL	076640006	7565NG XXXL	075650406
7665N XS	076650000	7566NG XS	075660400
7665N S	076650001	7566NG S	075660401
7665N M	076650002	7566NG M	075660402
7665N L	076650003	7566NG L	075660403
7665N XL	076650004	7566NG XL	075660404
7665N XXL	076650005	7566NG XXL	075660405
7665N XXXL	076650006	7566NG XXXL	075660406
7670G S	076700001		
7670G M	076700002		
7670G L	076700003		
7670G XL	076700004		
7670G XXL	076700005		
7670G XXXL	076700006		
7780QN S	077800201		
7780QN M	077800202		
7780QN L	077800203		
7780QN XL	077800204		
7780QN XXL	077800205		
7780QN XXXL	077800206		
7800G	078000500	7800I	078000100
7865B XS	078650700	7865G XS	078650800
7865B S	078650701	7865G S	078650801
7865B M	078650702	7865G M	078650802
7865B L	078650703	7865G L	078650803
7865B XL	078650704	7865G XL	078650804
7865B XXL	078650705	7865G XXL	078650805
7865B XXXL	078650706	7865G XXXL	078650806
7865B XXXXL	078650707	7865G XXXXL	078650807
7865B 5XL	078650708	7865G 5XL	078650808
7867B XS	078670700	7867G XS	078670800
7867B S	078670701	7867G S	078670801
7867B M	078670702	7867G M	078670802
7867B L	078670703	7867G L	078670803
7867B XL	078670704	7867G XL	078670804
7867B XXL	078670705	7867G XXL	078670805
7867B XXXL	078670706	7867G XXXL	078670806
7867B XXXXL	078670707	7867G XXXXL	078670807
7867B 5XL	078670708	7867G 5XL	078670808
7940 XS	079400000		
7940 S	079400001		
7940 M	079400002		
7940 L	079400003		
7940 XL	079400004		
7940 XXL	079400005		
7949 XS	079490000		
7949 S	079490001		
7949 M	079490002		
7949 L	079490003		
7949 XL	079490004		
7949 XXL	079490005		
7949 XXXL	079490006		
7949 XXXXL	079490007		
7980NC	079800112		
8001Z-K M8	080019108	8001Z M8	080010108
8001Z-K M10	080019110	8001Z M10	080010110
8001Z-K M11	080019111	8001Z M11	080010111
8001Z-K M12	080019112	8001Z M12	080010112
8001Z-K M14	080019114	8001Z M14	080010114
8001Z-K M16	080019116	8001Z M16	080010116
8001Z-K M18	080019118	8001Z M18	080010118
8001Z-K M20	080019120	8001Z M20	080010120
8001Z-K M22	080019122	8001Z M22	080010122
8001Z-K M24	080019124	8001Z M24	080010124
8001Z-2K M5	080019305	8001Z M5	080010105
8001Z-2K M6	080019306	8001Z M6	080010106
8001TZ-K M12	080019512	8001TZ M12	080010512
8001TZ-K M16	080019516	8001TZ M16	080010516
8001TZ-K M20	080019520	8001TZ M20	080010520
8001TZ-K M24	080019524	8001TZ M24	080010524
8005Z-K M8	080059108	8005ZS M8	080050708
8005Z-K M10	080059110	8005ZS M10	080050710
8005Z-K M11	080059111	8005ZS M11	080050711
8005Z-K M12	080059112	8005ZS M12	080050712
8005Z-K M14	080059114	8005Z M14	080050114
8005Z-K M16	080059116	8005Z M16	080050116
8005Z-2K M5	080059305	8005ZS M5	080050705
8005Z-2K M6	080059306	8005ZS M6	080050706
8005TZ-K M12	080059512	8005ZS M12	080050712
8006Z-K M8	080069108	8006ZS M8	080060708
8006Z-K M10	080069110	8006ZS M10	080060710
8006Z-K M11	080069111	8006Z M11	080060111
8006Z-K M12	080069112	8006Z M12	080060112
8006Z-K M14	080069114	8006Z M14	080060114
8006Z-2K M5	080069305	8006ZS M5	080060705
8006Z-2K M6	080069306	8006ZS M6	080060706
8007Z-K M8	080079108	8007Z M8	080070108
8007Z-K M10	080079110	8007Z M10	080070110
8007Z-K M11	080079111	8007Z M11	080070111
8007Z-K M12	080079112	8007Z M12	080070112
8007Z-2K M5	080079305	8007Z M5	080070105
8007Z-2K M6	080079306	8007Z M6	080070106
8008N M5	080080205	8008N M8	080080208
8008N M6	080080206	8008N M8	080080208
8008N-K M8	080089208	8008N M8	080080208
8008N-K M10	080089210	8008N M10	080080210
8008N-K M12	080089212	8008N M12	080080212
8008N-K M14	080089214	8008N M14	080080214
8008N-2K M5	080089305		
8008N-2K M6	080089306		
8009Z-K M8	080099008	8009ZS M8	080090708
8009Z-K M10	080099010	8009ZS M10	080090710
8009Z-K M12	080099012	8009ZS M12	080090712
8009TZ-K M12	080099512	8009TZ M12	080090512
8010Z-K M8	080109008	8010Z M8	080100008
8010Z-K M10	080109010	8010Z M10	080100010
8010Z-K M12	080109012	8010Z M12	080100012
8010Z-K M14	080109014	8010Z M14	080100014
8016-K 11	080169011	8016S 11	080160711
8016-K 13	080169013	8016S 13	080160713
8016-K 14	080169014	8016 14	080160014
8016-K 16	080169016	8016 16	080160016
8016-K 18	080169018	8016 18	080160018
8016-K 20	080169020	8016 20	080160020
8016-K 22	080169022	8016 22	080160022
8016-K 26	080169026	8016 26	080160026
8016-6K 3	080169403	8016S 3	080160703
8016-4K 5	080169405	8016S 5	080160705
8016-4K 6	080169406	8016S 6	080160706
8016-4K 8	080169408	8016S 8	080160708
8016-2K 10	080169410	8016S 10	080160710
8016U-K 12	080169612	8016U2 12	080160862
8016U-K 14	080169614	8016U2 14	080160864
8016U-K 16	080169616	8016U2 16	080160866
8016U-K 19	080169619	8016U2 19	080160869
8016U-K 22	080169622	8016U2 22	080160872
8016U-K 26	080169626	8016U2 26	080160876
8016U-4K 5	080169805	8016U2 5	080160855
8016U-4K 6,5	080169806	8016U2 6,5	080160856
8016U-4K 8	080169808	8016U2 8	080160858
8016U-2K 10	080169810	8016U2 10	080160860
8025-K 11	080259011	8025S 11	080250711
8025-K 12	080259012	8025S 12	080250712
8025-K 14	080259014	8025S 14	080250714
8025-K 16	080259016	8025 16	080250016
8025-K 18	080259018	8025 18	080250018
8025-K 20	080259020	8025 20	080250020
8025-K 22	080259022	8025 22	080250022
8025-K 25	080259025	8025 25	080250025
8025-4K 5	080259205	8025S 5	080250705
8025-4K 6	080259206	8025S 6	080250706
8025-2K 8	080259208	8025S 8	080250708
8025-2K 10	080259210	8025S 8	080250710
8026A-K 12	080269012	8026A 12	080260012
8026A-K 14	080269014	8026A 14	080260014
8026A-K 16	080269016	8026A 16	080260016
8026A-K 18	080269018	8026A 18	080260018
8026A-K 20	080269020	8026A 20	080260020
8026A-K 22	080269022	8026A 22	080260022
8026A-K 25	080269025	8026A 25	080260025
8026R-K 12	080269212	8026R T2	080260212
8026R-K 16	080269216	8026R T3,25	080260216
8028-K 12	080289112	8028 12	080280112
8028-K 14	080289114	8028 14	080280114
8028-K 16	080289116	8028 16	080280116
8028-K 18	080289118	8028 18	080280118
8028-K 20	080289120	8028 20	080280120
8028-K 22	080289122	8028 22	080280122
8028-4K 5	080289305	8028 5	080280105
8028-4K 6	080289306	8028 6	080280106
8028-2K 8	080289308	8028 8	080280108
8028-2K 10	080289310	8028 10	080280110
8029R-K 6	080299106	8029R T0,5	080290106
8029R-K 8	080299108	8029R T0,75	080290108
8029R-K 10	080299110	8029R T1,0	080290110
8029R-K 11	080299111	8029R T1,5	080290111
8029R-K 12	080299112	8029R T2,0	080290112
8029R-K 16	080299116	8029R T3,25	080290116
8031R-K 12	080319112	8031R T1,0	080310110
8031R-K 16	080319116	8031R T1,5	080310111
8032-K 2	080329012	8032 T2	080320012
8032-K 3,25	080329016	8032 T3,25	080320016
8040EN-K M12	080409312	8040EN M12	080400312
8040EN-K M14	080409314	8040EN M14	080400314
8040EN-K M16	080409316	8040EN M16	080400316
8040EN-K M18	080409318	8040EN M18	080400318
8040EN-K M20	080409320	8040EN M20	080400320
8040EN-K M22	080409322	8040EN M22	080400322
8040EN-K M24	080409324	8040EN M24	080400324
8040EN-K M27	080409327	8040EN M27	080400327
8040EN-K M30	080409330	8040EN M30	080400330
8040EZ-K M12	080409412	8040EZS M12	080400912
8040EZ-K M14	080409414	8040EZ M14	080400414
8040EZ-K M16	080409416	8040EZ M16	080400416
8040EZ-K M18	080409418	8040EZ M18	080400418
8040EZ-K M20	080409420	8040EZ M20	080400420
8040EZ-K M22	080409422	8040EZ M22	080400422
8040EZ-K M24	080409424	8040EZ M24	080400424
8040EZ-K M27	080409427	8040EZ M27	080400427
8040EZ-K M30	080409430	8040EZ M30	080400430
8040EN-4K M6	080409506	8040EN M6	080400306
8040EN-4K M8	080409508	8040EN M8	080400308
8040EN-2K M10	080409510	8040EN M10	080400310
8040EZ-4K M6	080409606	8040EZS M6	080400906
8040EZ-4K M8	080409608	8040EZS M8	080400908
8040EZ-2K M10	080409610	8040EZS M10	080400910
8041-K M8	080419208	8041 M8	080410208
8041-K M10	080419210	8041 M10	080410210
8041-K M12	080419212	8041 M12	080410212
8042EN-K M12	080429312	8042EN M12	080420312
8042EN-K M14	080429314	8042EN M14	080420314
8042EN-K M16	080429316	8042EN M16	080420316
8042EN-K M18	080429318	8042EN M18	080420318
8042EN-K M20	080429320	8042EN M20	080420320
8042EN-K M22	080429322	8042EN M22	080420322
8042EN-K M24	080429324	8042EN M24	080420324
8042EN-K M27	080429327	8042EN M27	080420327
8042EN-K M30	080429330	8042EN M30	080420330
8042EZ-K M12	080429412	8042EZ M12	080420412
8042EZ-K M14	080429414	8042EZ M14	080420414
8042EZ-K M16	080429416	8042EZ M16	080420416
8042EZ-K M18	080429418	8042EZ M18	080420418
8042EZ-K M20	080429420	8042EZ M20	080420420
8042EZ-K M22	080429422	8042EZ M22	080420422
8042EZ-K M24	080429424	8042EZ M24	080420424
8042EZ-K M27	080429427	8042EZ M27	080420427
8042EZ-K M30	080429430	8042EZ M30	080420430
8042EN-4K M6	080429506	8042EN M6	080420306
8042EN-4K M8	080429508	8042EN M8	080420308
8042EN-2K M10	080429510	8042EN M10	080420310
8042EZ-4K M6	080429606	8042EZ M6	080420406
8042EZ-4K M8	080429608	8042EZ M8	080420408
8042EZ-2K M10	080429610	8042EZ M10	080420410
8043-K M8	080439208	8043 M8	080430208
8043-K M10	080439210	8043 M10	080430210
8043-K M12	080439212	8043 M12	080430212
8051S-K 250	080519202	8051S 250	080510202
8051S-K 500	080519205	8051S 500	080510205

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8074A 5X50	080740405	8074A 6X60	080740406
8105-K 3/8X6	081059010	8105 3/8X6	081050010
8105-K 1/2X9	081059012	8105 1/2X6	081050011
8109-K 3/8X6	081099010	8109 3/8X6	081090010
8109-K 1/2X9	081099012	8109 1/2X9	081090012
8149CM/RA 3	081490903	8149 CM	081490901
8149CM/RA 6	081490906	8149 CM	081490901
8166 70	081660073	8166G 70	081660270
8166 80	081660083	8166G 80	081660280
8166 110	081660103	8166G 110	081660310
8166 155	081660153	8166G 155	081660355
8166 170	081660170	8166G 170	081660370
8166 235	081660235	8166G 235	081660435
8216-4K 2	082169402	8216S 2	082160702
8216-4K 3	082169403	8216S 3	082160703
8216-4K 4	082169404	8216S 4	082160704
8216-2K 5	082169405	8216S 5	082160705
8216-2K 6	082169406	8216S 6	082160706
8216-2K 8	082169408	8216S 8	082160708
8216-2K 10	082169410	8216S 10	082160710
8290 5	082900205	8290 6	082900206
8293 6	082930106		
8297F 3X25	082970230		
8297C 5X25	082970350		
8877M 10	088770510		
8889P1/7	088890007	8889P1/5	088890005
8889C1/5	088890015	8889P1/5	088890005
8889C1/7	088890017	8889P1/5	088890005
8889P4/7	088890307		
8889C4/7	088890317		
8889C6/10	088890480	8889C6/7,5	088890475
8889C6/20	088890490	8889C6/15	088890485
9503TL S	095030051		
9522A	095220010		
9524SC 1:18	095240018		
9534BO S	095340071		
9534BO M	095340072		
9534BO L	095340073		
9534BO XL	095340074		
9534BO XXL	095340075		
9542G S	095420012		
9542G M	095420013		
9542G L	095420014		
9542G XL	095420015		
9542G XXL	095420016		
9542S S	095420022		
9542S M	095420023		
9542S L	095420024		
9542S XL	095420025		
9542S XXL	095420026		
9542S XXXL	095420027		
9542M S	095420051		
9542M M	095420052		
9542M L	095420053		
9542M XL	095420054		
9542M XXL	095420055		
9542M XXXL	095420056		
9542C S	095420061		
9542C M	095420062		
9542C L	095420063		
9542C XL	095420064		
9542C XXL	095420065		
9542C XXXL	095420066		
9542GW S	095420101		
9542GW M	095420102		
9542GW L	095420103		
9542GW XL	095420104		
9542GW XXL	095420105		
9542GW XXXL	095420106		
9557J 2.0	095570020		
9561VV 2,5	095610201	9561B 2,50	095610300
9569MS	095690052		
9592B/C50	095920050	9592AP/50	095920020
9592B/P	095920051	9592AP/P	095920021
9710 (3)	097102040		
9712 (3)	097122040		
9720 (3)	097202040		
9722 (2)	097221040		
9722 (3)	097222040		
9724 (3)	097242040		
9726 (3)	097262040		
9729 (3)	097292040		
9738 (3)	097382040		
9740 (3)	097402050		
9742 (3)	097422040		
9752 (3)	097522040		
9755 (2)	097551040		
9840BF C290 (1)	098400029		
9842W C310 (1)	098420031		
9843T C280 (1)	098430028		
9844T C310 (1)	098440031		
9851 T5 (1-2)	098510500		
9851 20 (3)	098512002		
9860 (1)	098600075		
9899 900C11	098990132	9899 900C11	098990142
C99	099000010		
C99V0-P12	099000200		
C99V0	099000202		
C99V2	099000350		
C99V3/2C	099000450		
C99PP	099000489		
11001 115X3,2	110010118		
11001 125X3,2	110010128		
11001 230X3,2	110010233		
11011 115X6,5	110110115		
11011 125X6,5	110110125		
11011 230X6,5	110110230		
11021 115X3,2	110210118		
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7560NG	595	7982N	608	867/C20	77	8057R - 8057	634	8146	637
7563N	604	7984G	609	867/C38	77	8058R - 8058	634	8146/RKL	641
7564N	604	7985N	609	867/C52	77	8058R/G10	628	8146C	638
7565NG	605	7996N	608	867PE	76	8060R - 8060	634	8146SL	637
7566NG	605	7997GN	608	867PE/L	76	8060R/G10	628	8147C	638
7569NG	603	7998GN	608	867RIBE	77	8061R - 8061F	634	8147P	638
7570NG	595	**8**		867RIBE/L	77	8061R/G10	628	8147S	638
7571NG	599			867RTX	77	8062	635	8148	639
7600G	595	80	15	867RTX/L	77	8063	634	8148F	639
7600N	596	80/S	15	867TX	76	8063SL	635	8149	641
7610G	596	83	15	867TX/L	77	8064S	635	8149B	638
7610N	596	83/S	15	867XZN	76	8065SC	635	8149CM	641
7611G	599	83AS	15	867XZN/L	76	8068S	621	8149CMC	641
7636N	605	83AS/S	15	882	78	8074	640	8150	648
7637B	605	88	15	882AN	78	8074A	640	8153	648
7637G	605	88/S7	15	882M	78	8074G	640	8156	648
7640GG	596	89BA	272	882M1	78	8080	641	8157	648
7642G	605	89MQ	254	882MSR	78	8085R-8085	633	8158	649
7643G	605	850MQ	255	882P	78	8085R/G10	627	8159	649
7644GG	605	851E	71	892	78	8086	633	8160	649
7647GG	602	851E/SR	71	895	78	8086/G10	628	8161	649
7648GG	603	855PN	71	897	78	8090F	651	8166G	651
7650B	596	860/55	72	897L	78	8090R - 8090	633	8170	649
7657B	606	860/58	72	8001TZ	615	8090R/G10	628	8173	649
7658CM	603	860/58K	545	8001Z	615	8091	629	8176	650
7659N	604	860/C27	72	8005TZ	613	8091/G10	623	8177	650
7660B	596	860/C38P	72	8005Z	613	8091SL	629	8178	650
7661B	599	860LP	71	8006Z	613	8091SL/G10	624	8179A	651
7669N	604	860PE	72	8007Z	613	8092	630	8179B	650
7679GG	604	860PH	71	8008N	613	8092/G10	624	8179M	650
7750N	604	860PZ	71	8008TZN	614	8092SL	630	8180	652
7800I	608	860RTX	72	8009TZ	614	8092SL/G10	624	8181	652
7810E	608	860TX	72	8009Z	614	8094	630	8181 6/B4	652
7815CM	600	861/C61P	74	8010TZ	614	8094/G10	625	8181S	653
7818BL	597	861LP	72	8010Z	614	8094SL	631	8182	652
7818CM	597	861MIX/A10	546	8011TZ	614	8094SL/G10	625	8182 8,5/B2	652
7818G	597	861MIX/A31	74	8011Z	614	8096	631	8182A	654
7818LN	597	861PE	73	8015	616	8096/G10	625	8182E	653
7819G	597	861PE/A10	74	8016	617	8096SL	631	8182GD	654
7820SG	598	861PH	72	8016FR	617	8096SL/G10	626	8182H	653
7821SG	600	861PH/C	73	8016U2	617	8097	632	8182H/2	653
7830SN	597	861PHZ/A10	74	8016UGK	617	8097/G10	626	8182S	653
7831SN	600	861PZ	73	8018E	617	8097SL	632	8182T	652
7840BL	598	861PZ/C	73	8018T	618	8097SL/G10	626	8182TS	653
7849BL	602	861RTX	73	8020A	618	8098	632	8183	653
7850G	598	861SP	73	8021A	618	8098/G10	627	8184	653
7860B	598	861TQS	73	8025	619	8098SL	633	8185	654
7860G	598	861TRW	73	8026A	619	8098SL/G10	627	8186	654
7861B	600	861TX	73	8026R	618	8100	633	8187	654
7861G	600	861TX/A10	74	8028	620	8100/G10	627	8188/K8	655
7863G	601	861TX/C	73	8029R	618	8105	612	8188C	655
7865G	601	862F	75	8031R	619	8109	612	8188CG/25	655
7867G	603	862F/A7	75	8032	619	8110	612	8188CU/25	655
7869G	602	862LP	74	8040EN	622	8120	639	8188F	655
7900G	598	862PE	75	8040EZ	622	8120B	639	8188F35	655

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8188FG2	655	8873	265	96LC	19	900/R55-Z	100	910AS/SN	86
8189	655	8877	265	96LC/SC8	19	900/RN55	100	910ASL/SB12	86
8189A	655	8879	265	96N	18	900/SB	79	910B	85
8189PA	655	8880	265	96N/B	18	900AN	81	910B/C16	88
8190	654	8883	265	96N/G	18	900AS	80	910B/C29	89
8190B	654	8889C2	525	96N/SC9	18	900AS/C10	84	910B/SB	85
8201T	643	8889C3	525	96N/SC12	18	900AS/MBL	80	910B/SN	85
8205	642	8889C6	525	96N/ST	18	900AS/SB11	80	910BL	85
8206	642	8889CS	525	96T	20	900BG/31	81	910BL/SB	85
8207	642	8889P1	525	96T/AS	20	900BG/31C	81	910BP	87
8209	642	8889P2	525	96T/S6	20	900BG/31K	546	910BP/SB6L	87
8210	642	8889P3	525	96T/S11	20	900E/55	82	910E/55	88
8216	643	8889PS	525	96T/SP	20	900E/R55	100	910E/R55	100
8220	643	**9**		96T/SPV	526	900FL	81	910FTX	86
8225	643			96TAS/S	20	900FTX	80	910FTX-XL/C10	86
8227	644	90	15	96TBP	21	900FTX/SB9	80	910FTX/SB	86
8228	644	90/B8N	16	96TBP-HS	261	900HS/55	262	910HS/55	262
8240	644	90/S	16	96TBP/S6	21	900K	546	910LP	86
8240F	644	90AS	16	96TINOX	267	900L	80	910M/55	88
8242	644	90AS/S	16	96TINOX-AS	267	900L/SB	80	910M/56	88
8242F	644	90BA	272	96TINOX-AS/S7	267	900LP	80	910M/R55	100
8248	643	91	16	96TINOX/S5	267	900M/55	82	910ME	87
8249	643	91BA	272	97BRTXL/SC8	21	900M/R55	100	910ME/SB	87
8249G	643	91HS	261	97BTX-C/SC8	21	900MB	79	910MQ/21	255
8250	646	91HS-C	261	97BTX/SC8	21	900MB/C19	84	910MQ/22	255
8264	646	92	16	97BTXL/SC8	21	900MB/C28	84	910MQ/55	255
8267	646	92BA	272	97RTX/SC8	21	900MB/SB	79	910MQ/B	255
8272	646	92HS	261	97TTX	21	900ME	80	910MQ/C16	255
8273	646	93	16	97TTX/S	21	900ME/SB8	80	910MQ/PE	255
8274	645	93BA	272	97TTX/SP	21	900PE/AS	81	910MQ/PT	255
8274A	645	93C	16	97TTXHS	261	900PH	80	910MQ/T	255
8274G	645	94	16	97TX	21	900PH/SB4	80	910MQ/TX	255
8276	645	94/S	16	97TX/B	21	900PT	81	910MQ/XZN	255
8276G	645	95	17	97TX/BG8	21	900PZ	80	910PE	87
8278	645	95/S	17	97TX/SC8	21	900T/44	82	910PE/AS	87
8279	647	95BA	272	97TX/ST	21	900TX	81	910PE/SB	87
8280	646	95FTX	17	98XZN/B	22	900TX/SB	81	910PH	86
8282S	647	95FTX/S	17	99	22	902A/C22	85	910PH/SB4	86
8284	647	96	17	99 VN/...	22	902R/C6	84	910PT	87
8285	647	96/B	17	99BA	273	910/15	87	910TX	87
8286	647	96/BG7	17	99SQ	22	910/16	87	910TX/SB	87
8287	647	96/SC9	18	99ST	22	910/20 - 910/21 - 910/22	87	911BA	273
8290	647	96/SC12	18	900	79	910/21K	547	911BA/16	273
8302Z	615	96/ST	17	900/...	81	910/25	88	911BA/20	273
8303Z	615	96AS	18	900/16	81	910/25K	547	911BA/55	273
8381SX	647	96AS/B	18	900/20LK	546	910/40	88	920/15	93
8600 R/11	567	96AS/BG7	18	900/25	81	910/42	88	920/16	93
8600 R/12	567	96AS/SC9	18	900/25K	546	910/55N	88	920/20÷920/23	93
8600 R/13	568	96BA	272	900/32	81	910/58	88	920/21K	547
8600 R/105	568	96BA/BP	272	900/35A	81	910/58K	547	920/25	93
8600 R/113	568	96BAF-AS	273	900/40	82	910/R55	100	920/25K	547
8600 R/114	568	96BP	19	900/42	82	910/R55X	100	920/36A	93
8600 R/115	568	96BP-CL/SC9	19	900/55N	82	910/RN55	100	920/40	94
8600 R/225	568	96BP-HO/SC9	19	900/55Z	82	910A	85	920/42	94
8600 R/412	568	96BP/AS-SC9	20	900/55ZK	547	910A/C10	88	920/44	94
8600 R/511	568	96BP/SC9	19	900/58	82	910A/C16	88	920/46	94
8600 R/601	568	96BPA	20	900/58K	547	910A/C16HR	89	920/50FN	94
8600 R/602	568	96BPA/SC9	20	900/C11	83	910A/C29	89	920/50N	94
8600 R/611	568	96BPC	19	900/C11HR	84	910A/SB	85	920/55INOX	267
8702N	616	96BPC/SC9	19	900/C11Z	83	910AK	547	920/55LCN	94
8702Z	616	96BPINOX	267	900/C12MR	83	910AL	85	920/55N	94
8702ZC	616	96C-AS/SC9	18	900/C12MZ	83	910AL/SB14	85	920/55QN	94
8709N	616	96INOXBP/B	267	900/C13-5	83	910AN	87	920/55XN	94
8709Z	616	96L	19	900/C13-8	83	910AS	86	920/58	95
8709ZC	616	96L/SC12	19	900/C24	84	910AS/C13	89	920/58K	547
8871	265	96L/SP8	19	900/C39N	82	910AS/L	86	920/C37	96
8872A	265	96LBP	19	900/C39U	82	910AS/MBM-C18	89	920/R50	100
8872AS	265	96LBP/SC9	20	900/R55	100	910AS/SB13	86	920/R55	100

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920/R55INOX	268	920MQ/A	256	935/S	102	961BA	275	9521OB	661
920/R55LC	101	920MQ/C16	256	935K	547	961N	109	9523A	661
920/R55X	101	920MQ/PE	256	937	102	961P6/S	109	9523T	661
920/RN50	100	920MQ/T	256	937/S	102	962	109	9525CM	657
920/RN50F	100	920PE	91	937BA	275	962C	109	9525TR	657
920/RN55	100	920PE/AS	92	937K	547	962M	109	9525WB	657
920/RN55LC	101	920PE/C	92	940	102	962P	109	9526F	661
920/RN55Q	101	920PE/SB	91	941	102	963	109	9526MC	661
920/RN55X	101	920PE-AS/SB6	92	941/S	102	963BA	275	9526RMN	661
920A	89	920PH	91	942MH	102	964	109	9527 6T	661
920A/C11	95	920PH/SB4	91	943FL	103	964BA	275	9527T	662
920A/C12	95	920RTX	92	943FL/S	103	964BA/L	275	9528B	661
920A/C12X	95	920RTX/SB	92	943MH	103	965	109	9528C	661
920A/C17HR	97	920TX	92	943MH/DG	558	965/S	109	9534WO	657
920A/C17M	96	920TX/C	92	943MHK	547	965BA	275	9539CB	659
920A/C17MR	96	920TX/L-SB4	92	943MQ	256	966/C3	109	9541BIKE	658
920A/C20	95	920TX/SB	92	943MQ/BG	558	966BA	275	9541F	658
920A/C20Q	95	920U	90	943MQ/S	256	966BA/V	275	9541PC	658
920A/C20X	95	920U/SB4	91	944MH	103	969B	109	9541S	659
920A/C21	96	920U/SB13	91	944MHK	548	970B	110	9542AL	659
920A/C33	96	920XZN	93	949	103	970IVECO	110	9543C	657
920A/SB8	89	920XZN/LS	93	949/S6	103	972/C4BMW	110	9544C	659
920A/SB13	89	920XZN/SB7	93	950	103	972/C10	110	9547	662
920AK	547	920XZN/SB12	93	950/S	103	973	110	9547T	660
920AL	90	921BA	273	951	104	978 - 979	110	9547WSK	660
920AL/SB11	90	921BA-AS	274	951/S	104	982	110	9548G	661
920AN	93	921BA/15	274	951/SP	104	983 PM/R-DA	110	9548KB	660
920AS	90	921BA/16	274	951AS	104	983PM	110	9548KB 20	660
920AS/C10	97	921BA/21 - 921BA/22	274	951AS/S	104	984	110	9548KB 24	660
920AS/C15	97	921BA/25	274	951BA	275	985/B7	110	9549ABW	662
920AS/C17X	97	921BA/42	274	951GP	104	985F	111	9549BP	662
920AS/L	90	921BA/50	274	951GP/S6	104	985M	110	9549BRW	662
920AS/SB11	90	921BA/R50	274	951K	548	986 48	111	9549C	662
920ASL/SB11	90	926BA	274	951MQ	256	986 78	111	9549CR	662
920B	90	926BA/15	274	951TX	104	986PT	111	9549MPC	662
920B/C12X	95	926BA/22	274	951TX/S	104	987AR	111	9549SBW	662
920B/C20	95	926BA/42	274	952	105	987P	111	9559	665
920B/C20X	95	926BA/50	274	952/D7	105	988/K4	111	9559/30MT	665
920B/C30Q	96	926BA/R50	275	952/S	105	989	111	9559/S	665
920B/C33	96	928.../C12	98	952AS	105	989A	111	9561B 2,50	665
920B/SB8	90	928/15	98	952FTX	105	989B	111	9561V	665
920B/SB13	90	928/16	98	952FTX/S	106	990	111	9561VV	665
920BL	90	928/20 - 928/21 - 928/22	98	952L	105	991	111	9562	665
920BL/SB11	90	928/25	98	953	106	992	111	9562P2	664
920BP	92	928/36A	98	953/S	106	993	112	9562P12	664
920BP/SB	92	928/42	98	953TX	106	993G	112	9562T1	244
920E/55	94	928/55N	98	953TX/S	106	993MQ	256	9562T2	665
920E/R55	101	928/R55X	101	955	106	993PL	112	9562T3	244
920ES	93	928/RN55	101	956C	106	994	112	9562TB	610
920ES/SB	93	928A	97	956E	106	994MQ	256	9563G	664
920FTX	91	928AS	98	956F	107	994PL	112	9563U	664
920FTX/C	91	928AS/C12	99	956L	107	994TF	112	9565K	664
920FTX/L	91	928B	97	957	107	996	112	9565S	610
920FTX/LSB	91	928B/C12	98	959	107	998	112	9565T	664
920FTX/SB	91	928ME	98	959R	107	999	112	9566K	664
920HS/55LC	262	929	99	960/C6	108	999/B6N	113	9566S/3	664
920INOX-A	267	929/15	99	960A	107	999A	112	9569MS-2	663
920LH/SB7	91	929/21 - 929/22	99	960ER	107	999B	112	9569P	663
920LP	91	929/42	99	960KC-M8/M9/M10	108	999C	112	9569S	664
920M/35L	93	929/55	99	960KPC	108	999D	112	9572LB	657
920M/55	94	929/55PR	99	960P	108	999E	112	9574B	609
920M/R55	101	929/C8	99	960PI/C19	108	999G	112	9574O	609
920ME	92	929/R55	101	960PI/K36	108	9501TLD	656	9577R	657
920ME/C7	92	930	101	960PI/S	108	9503TL	656	9579C	657
920ME/SB	92	930/S	101	960PMC	108	9504TL	656	9580S	658
920MQ/21	256	933	101	960SL	107	9510W	657	9586K	662
920MQ/22	256	933/S	101	960T/C11	107	9520P	661	9587 9x14	663
920MQ/55A	256	935	102	960VTC	108	9521	661	9587 13x21	663

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9588/10PI	663	C5S	321	C45PRO 2.0 CAI/X	449	C55AC	403	C58BC-X2,1 4C	369
9588M	663	C6T - 2106	322	C45PRO 2.0 CORNER/W	448	C55AT2	405	C58BC-X2,1 4CA	369
9588S/10...	663	C7 - 2107	322	C45PRO 2.0 CORNER/X	448	C55B PT/2	392	C58BC-X2,1 8CA	370
9589A/36	663	C7AT	322	C45PRO 2.0 CPF	439	C55B PT/2,8	392	C58BLP-1,6M	377
9589B/36	663	C8 - 2108	322	C45PRO 2.0 CW	435	C55B-D4	389	C58BLP-1M	377
9592AC	662	C8A	322	C45PRO 2.0 CX	435	C55B/2	387	C58CS 1C	372
9592AP/50	662	C8B	322	C45PRO 2.0 DW	430	C55B/2,8	388	C58CS 2C	372
9592AP/P	662	C9 - 2109	323	C45PRO 2.0 DX	429	C55B/G	390	C58CS 3C	372
9592MG/3	662	C9/RT	323	C45PRO 2.0 EW	434	C55B/GAA	390	C58CSH 3C	373
9593A	658	C9DA	323	C45PRO 2.0 EX	434	C55B/GAE	391	C58CSH 4C	373
9593M	658	C9MT	323	C45PRO 2.0 FW	430	C55B/GDP	390	C58CSH 5C	374
9593SB	658	C9PT	286	C45PRO 2.0 FX	430	C55B/GDS	390	C58CSH 6C	374
9593W	658	C10 - 2110	323	C45PRO 2.0 GW	431	C55B/GE	391	C58GF	371
9594	663	C10S - 2110S	323	C45PRO 2.0 GX	431	C55B/VS	392	C58GRF	371
9595C	663	C11 - 2111	324	C45PRO 2.0 HW	432	C55C7	393	C58GRGM	371
9595T	663	C12 - 2112	324	C45PRO 2.0 HX	432	C55C8	394	C58GT	371
9596	663	C13	324	C45PRO 2.0 M3A	444	C55CS	396	C58K/2PF-1,6M	374
9597P	660	C14	324	C45PRO 2.0 M4	441	C55KAI	403	C58K/2PF-2,1M	375
9597TRIOWAY	659	CP15 - 2115	324	C45PRO 2.0 M5	441	C55M2	394	C58K/4PF-1,6M	375
9598W-N	659	CP15L - 2115	324	C45PRO 2.0 M7	442	C55M4	395	C58K/4PF-2,1M	375
9598WHP-N	660	CP17 - CP17L - 2117	325	C45PRO 2.0 M7A/W	438	C55M7	395	C58MA	373
9599CB-N2	660	C18 - 2118	325	C45PRO 2.0 M7A/X	437	C55M8	396	C58MP-0,8M	377
9599CB-WN	660	C19 - 2119 - C19L - 2119L	325	C45PRO 2.0 M8	442	C55MA	397	C58MP-1M	377
9710	530	C20 - C20L - 2120	325	C45PRO 2.0 MA	443	C55MDO	397	C58P	362
9712	530	C20TSS	268	C45PRO 2.0 MAL	444	C55MP	403	C58PFL	376
9720	530	C22B	326	C45PRO 2.0 MAT	444	C55MS	398	C58PLED-90	378
9722	530	C22P	326	C45PRO 2.0 ML	445	C55P/2MDX-SX	399	C58PLED-150	377
9724	531	C22W	326	C45PRO 2.0 MP	447	C55P/MCD	399	C58PLT-W 1,6	370
9726	531	C25	339	C45PRO 2.0 MRE	445	C55PB-PRO/7	386	C58PLT-W 2,1	370
9729	531	C27S	340	C45PRO 2.0 MS	442	C55PB-PRO/8	386	C58PLT-X 1,6	370
9738	531	C30M	342	C45PRO 2.0 MWS/W	438	C55PB/3	385	C58PLT-X 2,1	371
9740	531	C35/6GM	343	C45PRO 2.0 MWS/X	438	C55PFA-0,8	401	C58SP 1,6	376
9741	531	C35/7GM	344	C45PRO 2.0 PAS	447	C55PFA-1,0	399	C58SP 2,1	376
9742	531	C35/8GM	344	C45PRO 2.0 PF	447	C55PM	399	C59A	379
9745	532	C35/9GM	344	C45PRO 2.0 PFE	447	C55PRO B-D4	389	C59B	379
9746	532	C37/7	345	C45PRO 2.0 PM	449	C55PRO B/2	387	C59C	380
9749	532	C37/6	346	C45PRO 2.0 PML	450	C55PRO B/2,8	388	C62M/WW	610
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9765	532	C39/7	348	C45PRO 2.0 PWE/3-2,0MT	440	C55PM/M0,8	401	C64G/1	610
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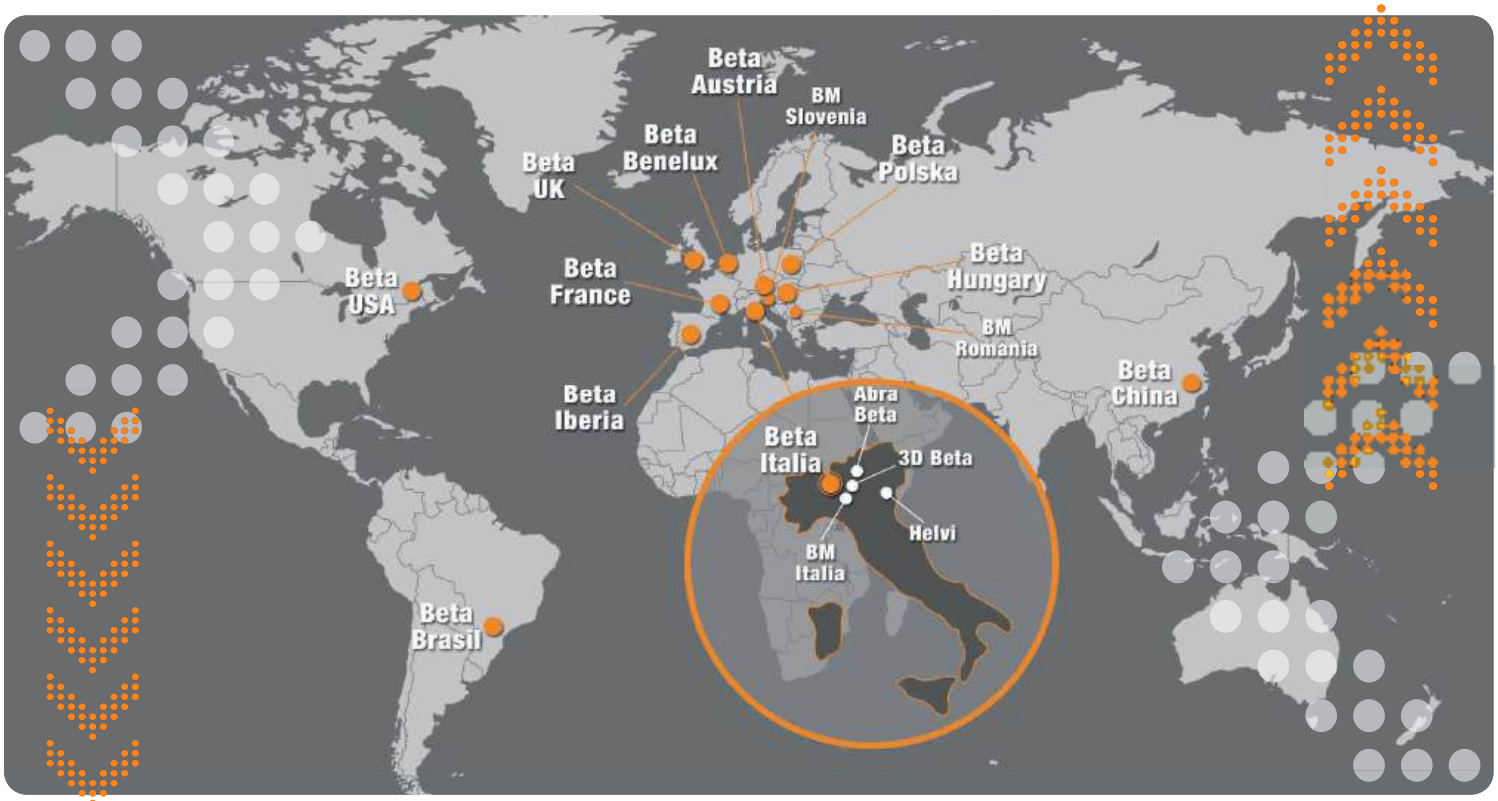

10 production
units
IN ITALY

1.000
staff

12 branches
worldwide

Active in over
100 countries
worldwide with over
250 importers

BETA UTENSILI S.p.A. - 20845 Sovico (MB)
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www.beta-tools.com

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THE HISTORY OF ITALIAN TOOLS

1923 Alessandro Ciceri founded “Alessandro Ciceri & Figli”, in Erba (in the province of Como), to manufacture iron and steel casts.

1939 The trademark Beta was registered, and the Company became involved mainly in **manufacturing professional tools** at the factory in Sovico (in the province of Monza e Brianza). The Company is still based in Sovico.

1960 Beta Utensili employed no less than two hundred people, established themselves as an up-and-coming manufacturer of professional hand tools and exported their products.

1969 The revolutionary orange sheet metal **“Tank” trolley** was launched; from that moment orange would result in a unique style for the trademark Beta.

1973 The **factory** in **Castiglione d’Adda** (in the province of Lodi) was opened, thus joining the established factory in Sovico (in the province of Monza e Brianza).

1975 1975 Beta had entered the **motorsports world** as early as 1971. In 1975 the Company scored their first Formula 1 victory, with the orange **March-Beta Utensili** driven by Vittorio Brambilla, who won the Austrian Grand Prix in Zeltweg, in the pouring rain.

1984 The Company opened their **third factory in Sulmona** (in the province of L’Aquila). In the forge shop, they started manufacturing the iconic combination wrenches, item 42. The production and testing of lifting accessories kicked off under the brand name Robur.

1990 Beta Utensili further penetrated the main European markets, **establishing branches** in France, Britain, Holland, Spain, Poland and Hungary.

2000 The **new Beta Utensili catalogue** testified to **ongoing growth**: the range of available products was doubled, with over 10,000 coded items divided into 22 product families.

2002 Beta Utensili’s range was further expanded, being supplemented with safety footwear as well as with the work and free-time wear collection, “**Beta Work**”.

2009 Beta started expanding overseas, establishing **Beta China** and, three years later, **Beta do Brasil.**

2016 Beta introduced the new modular workshop equipment combination system, **RSC55**.

2018 The **Beta Group** further established themselves, by taking over **BM S.p.A.**, a leading manufacturer of terminal lugs and electrical connection systems, **3D Beta S.r.l.**, a company specializing in the design and production of customized workshop equipment combination systems, and **VGF S.r.l.**, a company specialising in powder coating of metal furniture

2019 The leading manufacturers of rigid and flexible abrasives, **Abra Beta S.p.A**. and **Elpa Abrasivi S.r.l.**, were also taken over.

2020 Beta entered the North American market by establishing the branch **Beta USA.**

2023 As the 100th anniversary of the foundation was celebrated, the **Beta Group** further grew by taking over **Helvi S.p.A.**, a major player in the metal welding industry. Two Italian-made products were introduced by the Research & Development Department: the **modular workshop equipment system, RSC50**, and the **torque wrench, 666, with Zero-Reset technology**.

2024 The Beta Group employed over **1,000 staff** worldwide, relying on **40 product families** and **over 30,000 items**, designed and manufactured to answer professionals’ requirements and ensure ongoing quality and performance, according to the principle **Beta Well Done**, because we at Beta can only do things well.

2025 **Beta Austria** was established, as the 12th sales branch owned by the Beta Group abroad.

Beta
WELL DONE

1923 Alessandro Ciceri & Figli

1939 Forging department

1955 Shearing department

1960 Design department

1969 Tank trolley

1974 Advertisement for tool assortments

1975 Vittorio Brambilla

2002 “BetaWork”

2016 Workshop equipment combination system RSC55

2025 Moto2 SpeedRS racing team's partnership was further strengthened.

CERTIFIED QUALITY

Beta had its **Quality Management System** certified in accordance with the **ISO 9001** standards for all the company processes as early as 1995.

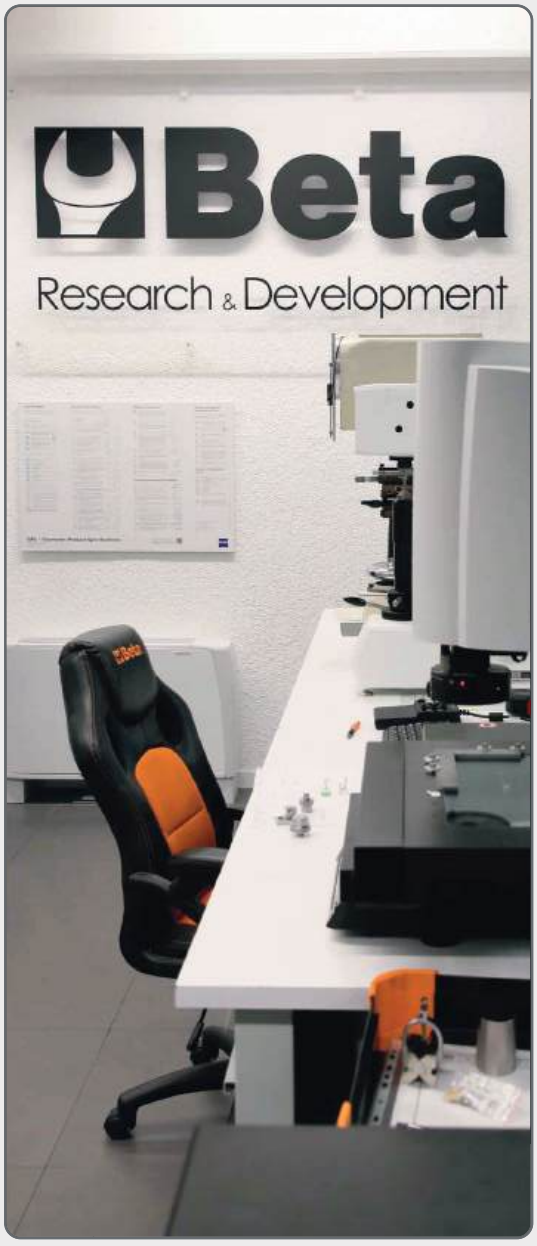
As far as product categories are concerned, in 2018, Beta obtained prestigious **TÜV certification on the mobile roller cabs** by passing strict tests under the EK5/TA5 test protocol, which deals with **31 well-defined building characteristics**, stringent static tests and dynamic behaviour tests.

Furthermore, Beta's **insulated tools** are **IMQ** and **VDE** certified for compliance with EN 60900; whereas Beta's **sparkproof tools** are certified in accordance with Directive 2014/34/EU (ATEX).

Credit for this achievement is due to the expert design, **accurate manufacture** and **comprehensive tests** Beta relies on for its production, which has allowed their quality to be acknowledged by end users.

TÜVRheinland CERTIFIED
Management System
ISO 9001:2015
www.tuv.com
ID 9000033920

INNOVATION AND QUALITY CONTROL

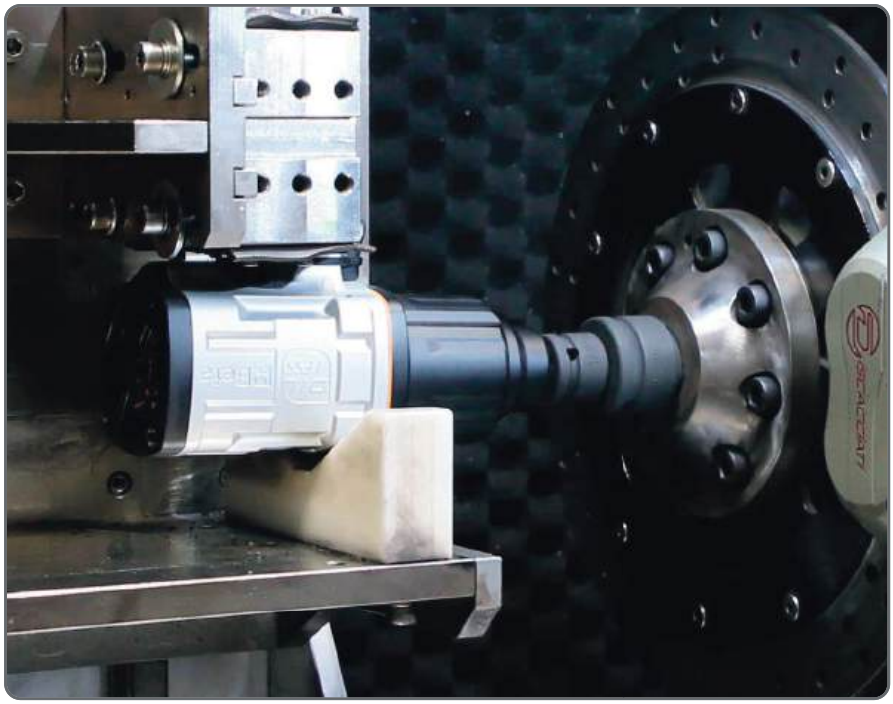


Despite our one-hundred-year-old history, we look to the future every day: **bold innovation guides our teams in designing and developing new products**, as synonymous with increasing performance, reliability and durability.

The Technical Department combines the multiyear expertise of Beta's engineers with the use of state-of-the-art, automated plants.

At Beta, quality means fully satisfying the requirements and expectations of the professionals who make our product into a must-have instrument for their work, while ensuring **ultimate quality and unchanged performance**. Therefore, as well as complying with international standards (UNI EN ISO 9001:2015), we also **test both the raw materials** used in production **and the finished products on an ongoing basis**.

Before Beta's products are brought into the market, they are subjected to stringent mechanical, chemical and electrical tests in our Research & Development laboratories, to ensure outstanding performance and safety for our users.



LOGISTICS

34.000 m²
surface area

45.000
coded items
and over **35.000**
loading units

Quick, prompt and complete deliveries

WORK ORGANIZATION

5S is a **workplace organization method** of Japanese origin.
The name is derived from the western transcription of 5 Japanese words**:**

SEIRI, SEITON, SEISO, SEIKETSU AND SHITSUKE.

Following the 5 steps identified by the words allows a systematic, repeatable method to be implemented with a view to optimized working standards and enhanced operating performance.

SEIRI

SORT
Remove all unnecessary items from the workplace; only keep the items you need.

SEITON

SET IN ORDER
Put everything into its proper place: a place for everything and everything in its place.

SEISO

SHINE
Keep the workplace clean and tidy.

SEIKETSU

STANDARDIZE
Establish consistent work practices to keep rationalizing resources and spaces, determining a standard to implement.

SHITSUKE

SUSTAIN
Support and spread this mindset and behaviour across the organization.

BENEFITS

Reduced time loss and improved cost-effectiveness

Enhanced quality and productivity

Fewer work accidents

Greater efficiency

BEFORE

AFTER

PRESENCE AND TECHNICAL EXPERTISE IN THE AREA

Beta's Sales Consultants synergistically work hand in hand with the dense network of dealers and distributors, to make their expertise and skills available.

Whereas our Technical Promoters drive Beta's ten demonstration vans, equipped with the latest cutting-edge technology, to have the products and equipment tested and their characteristics, quality and functionality assessed.

Beta's fleet also includes the two new **Beta Workshop Equipment Vans**, which accommodate two workshop equipment combinations from the ranges, **C45PRO** and **RSC50**, and allow your garage to be customized through a wall-mounted computer.

DEMONSTRATION UNITS

Beta RSC50 2.0

RSC50

www.beta-tools.com

TEAM SPEED RS

2025 MOTO2 WORLD CHAMPIONSHIP

PARTNERSHIP 2025

2025 OFFICIAL SPONSOR

Technical Partner

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TRACKHOUSE MOTOGP TEAM

Red Bull KTM TECH3

ITALRAVS

TEAM LIQUI MOLY DYNAVOLT

FANTIC RACING

CFMOTO RACING

MSi RACING TEAM

Honda LCR

PERTAMINA Enduro VR46 RACING TEAM

prima PRAMAC YAMAHA

Honda HRC ASIA

KLINT FORWARD

LEOPARD RACING

SNIPERS RACING TEAM

LEVEL UP MTA

BMW MOTORRAD WorldSBK Team ROKiT

Beta YAMAHA

GYTR GRT YAMAHA WORLDSBK TEAM

Kawasaki WorldSBK Team

MOTOCORSA RACING

8 054809 935683 998069441

Beta GROUP

BMC GROUP

Abra Beta

HELVI

3D Beta Made in Italy