
Beta
GENERAL PROGRAMME
2024



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

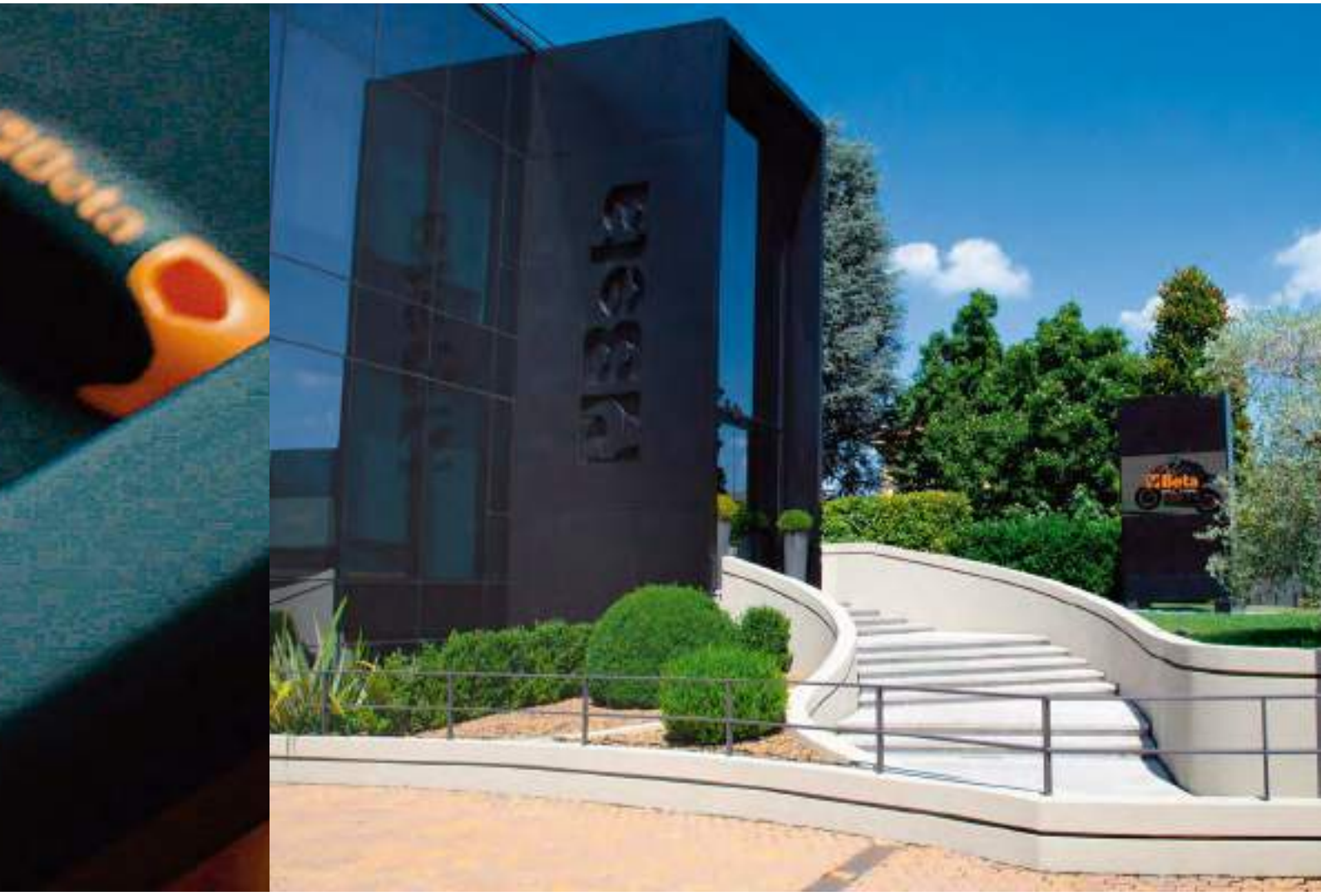
This is Beta's world, this is the principle that guides our daily work around the world, driven by four values:

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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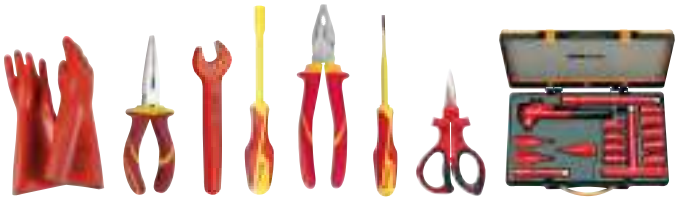
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WORKSHOP EQUIPMENT



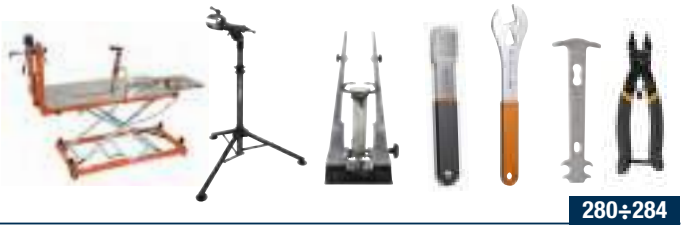
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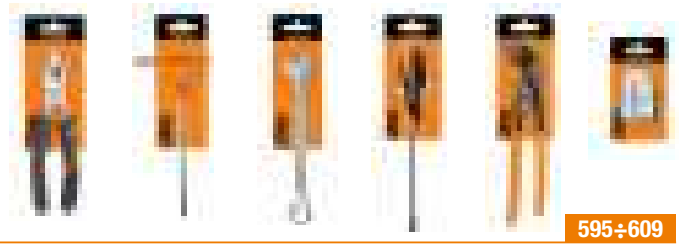
650÷670

PRODUCTS UNDER THE BRAND NAME BM



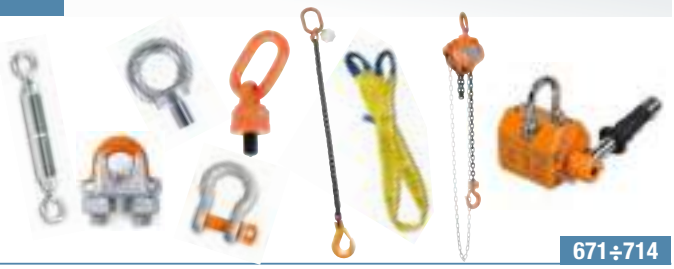
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BLISTER PACK RANGE



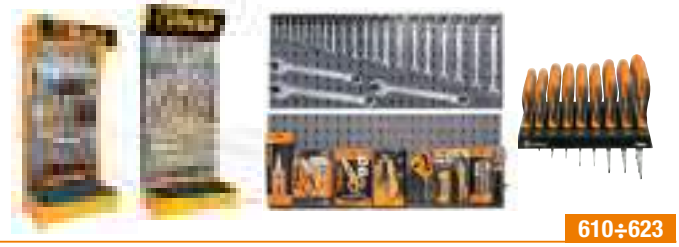
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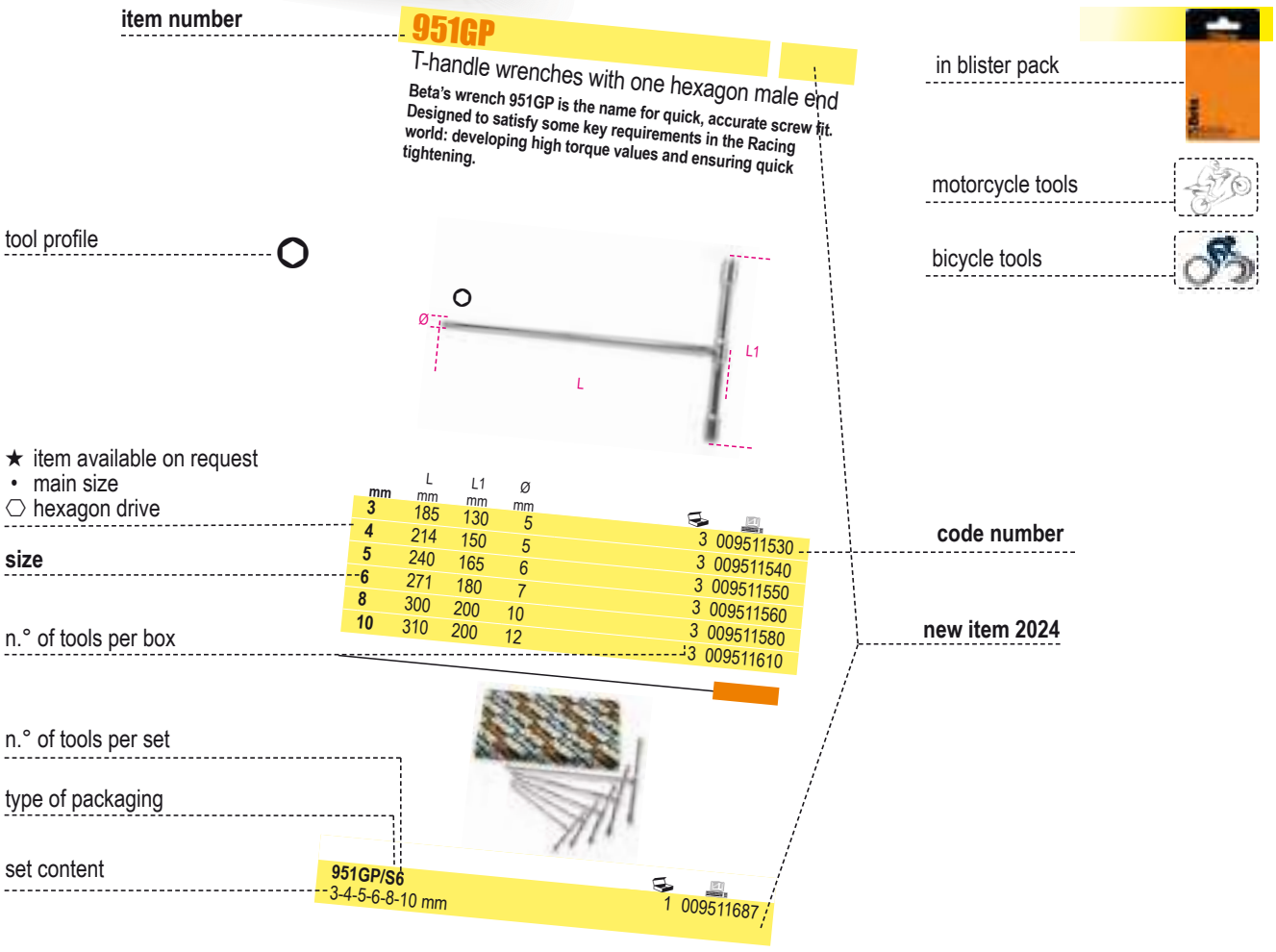
610÷623

BETA COLLECTION



715÷726

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.



❺


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



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

33LT
letter punches

- For engraving steel with resistance R up to 80 kg/mm2
- Kit of 27 punches: letters A to Z + &



H mm	L mm	A mm		
3	60	6,35	1	000330023
4	63	7,93	1	000330024
5	61	7,93	1	000330025
6	68	9,52	1	000330026
8	70	12,7	1	000330028

33NR
number punches

- For engraving steel with resistance R up to 80 kg/mm2
- Kit of 9 punches: numbers 0 to 9



H mm	L mm	A mm		
3	61	6,35	1	000330003
4	62	7,93	1	000330004
5	62	7,93	1	000330005
6	68	9,52	1	000330006
8	71	12,7	1	000330008

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

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

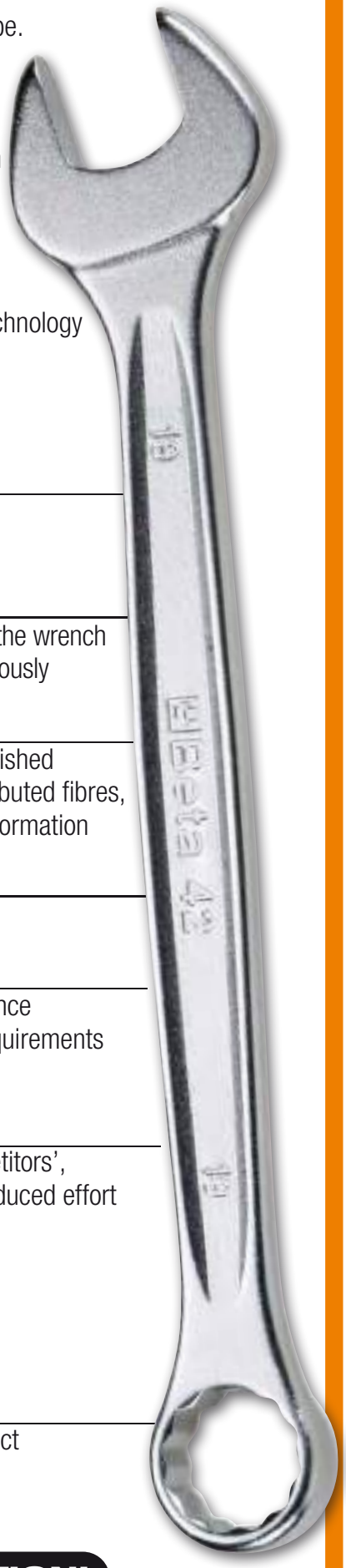
38/B6N	1	000380016
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
2002/BV6	1	020020000
38/SP6	1	000380009
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
38/SPV	1	000380019



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

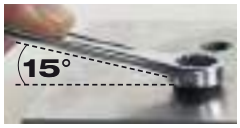
Reduced thickness for improved accessibility

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/S17X 6-7-8-10-11-12-13-14- 15-16-17-19-21-22- 24-27-30 mm	1	000421068
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/SC9I-E

set of 9 combination wrenches with compact support

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



42/SC9I 8-10-11-12-13-14-15-17-19 mm	1	000421087
142/SCV9I	1	001420103
42/SC9E 8-10-11-12-13-16-17-18-19 mm	1	000421088
142/SCV9E	1	001420104



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/SPV7 **42:** 8-10-11-13-14-17-19 mm **55:** 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1	000420097
42/SPV11 **42MP:** 8-9-10-11-12-13 14-15-16-17-19 mm **142-142SN:** 8-9-10-11-12-13 14-15-16-17-19 mm	1	000420100
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	000420106
9/32x9/32	106	2	000420107
5/16x5/16	116	2	000420108
3/8x3/8	137	2	000420110
7/16x7/16	148	2	000420111
1/2x1/2	169	2	000420113
9/16x9/16	180	2	000420114
19/32x19/32	191	2	000420115
5/8x5/8	201	2	000420116
11/16x11/16	212	2	000420117
3/4x3/4	233	2	000420119
13/16x13/16	254	2	000420121
7/8x7/8	264	2	000420122
15/16x15/16	285	2	000420124
1x1	296	2	000420125
1.1/16x1.1/16	317	2	000420127
1.1/8x1.1/8	338	2	000420129
1.1/4x1.1/4	370	2	000420132
1.5/16x1.5/16	391	1	000420133
1.3/8x1.3/8	412	1	000420135
1.7/16x1.7/16	412	1	000420136
1.1/2x1.1/2	433	1	000420138



42AS/B9N 1/4-5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4	1	000420159
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	000420163
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	000420166
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	000420168

42MP

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



DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	95	5	000420606
7x7	105	5	000420607
8x8	116	5	000420608
9x9	127	5	000420609
10x10	137	5	000420610
11x11	148	5	000420611
12x12	158	5	000420612
13x13	169	5	000420613
14x14	180	5	000420614
15x15	190	5	000420615
16x16	201	5	000420616
17x17	212	5	000420617
18x18	222	5	000420618
19x19	233	5	000420619
20x20	243	3	000420620
21x21	254	3	000420621
22x22	264	3	000420622
24x24	285	3	000420624
27x27	317	3	000420627
30x30	349	3	000420630
32x32	370	3	000420632



42MP/B9N 6-7-8-10-11-13-14-17-19 mm	1	000420661
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	000420652
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	000420653

42LMP

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



mm	L mm		
8x8	148	2	000420508
9x9	167	2	000420509
10x10	172	2	000420510
11x11	186	2	000420511
12x12	197	2	000420512
13x13	207	2	000420513
14x14	223	2	000420514
15x15	233	2	000420515
16x16	243	2	000420516
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	409	2	000420530
32x32	435	2	000420532



42LMP/S14 8-9-10-11-12-13-14 15-16-17-18-19-21-22 mm	1	000420551
42LMP/S18 8-9-10-11-12-13-14 15-16-17-18-19-21-22 24-27-30-32 mm	1	000420552

42SLIM

combination wrenches with thin open ends



DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm		
8x8	116	3,4	5	000420408
10x10	137	3,8	5	000420410
11x11	148	3,8	5	000420411
12x12	158	4,2	5	000420412
13x13	169	4,4	5	000420413
14x14	180	4,6	5	000420414
15x15	190	4,7	5	000420415
16x16	201	4,7	5	000420416
17x17	212	5,1	5	000420417
18x18	222	5,1	5	000420418
19x19	233	5,6	5	000420419



42SLIM/B8NI 10-11-12-13-14-15-17-19 mm	1	000420478
42SLIM/B8NE 10-11-12-13-16-17-18-19 mm	1	000420479
2002/BV8	1	020020020



42SLIM/S11 8-10-11-12-13-14-15- 16-17-18-19 mm	1	000420471

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
11	119	5	000520011
12	119	5	000520012
13	145	5	000520013
14	145	5	000520014
15	145	5	000520015
16	159	5	000520016
17	159	5	000520017
18	159	5	000520018
19	175	5	000520019
20	175	5	000520020
21	175	5	000520021
22	196	2	000520022
23	196	2	000520023
24	196	2	000520024
25	215	2	000520025
26	215	2	000520026
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
90	690	1	000530090
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
12x14	170	5	000550045
13x14	185	5	000550047
13x17	189	5	000550051
• **14x15**	185	5	000550054
14x17	189	5	000550057
• **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
27x30	284	2	000550102
27x32	297	2	000550105
• **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/S12X 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x27 25x28-30x32 mm	1	000550179
55/S13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000550182



55/SP7



55/SP13

55/SP7 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1	000550167
42/SPV7 **42:** 8-10-11-13-14-17-19 mm **55:** 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1	000420097
55/SP13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000550186
55/SPV	1	000550190

55AS

double open end wrenches



"	L mm		
1/4x9/32	120	2	000550203
1/4x5/16	120	2	000550206
5/16x11/32	140	2	000550209
5/16x3/8	140	2	000550212
3/8x7/16	155	2	000550215
7/16x1/2	170	2	000550218
1/2x9/16	170	2	000550221
9/16x5/8	185	2	000550224
19/32x11/16	189	2	000550227
5/8x11/16	202	2	000550230
5/8x3/4	202	2	000550233
11/16x13/16	220	2	000550242
3/4x7/8	236	2	000550245
25/32x13/16	236	2	000550244
7/8x15/16	245	2	000550251
15/16x1	262	1	000550257
1x1.1/8	272	1	000550259
1.1/16x1.1/4	284	1	000550267
1.1/8x1.5/16	297	1	000550266
1.5/16x1.1/2	325	1	000550269
1.3/8x1.1/2	375	1	000550272
1.7/16x1.5/8	375	1	000550275



55AS/5 5/16x11/32-3/8x7/16 1/2x9/16-5/8x11/16 3/4x7/8	1	000550290
55AS/8 1/4x9/32-5/16x11/32-3/8x7/16- 1/2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-3/4x7/8	1	000550296
55AS/12 1/4x9/32-5/16x11/32-3/8x7/16-1 /2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-25/32x13/16-3/4x7/8- 15/16x1-1x1.1/8-1.1/16x1.1/4	1	000550298

55MP

double open end wrenches,
bright chrome-plated



UNI-ISO 10102 DIN 3110

mm	L mm		
6x7	120	2	000550603
8x9	140	2	000550606
10x11	155	2	000550609
12x13	170	2	000550612
14x15	185	2	000550615
16x17	202	2	000550618
18x19	220	2	000550621
20x22	236	2	000550624
21x23	245	2	000550627
24x26	262	1	000550630
25x28	272	1	000550633
27x29	284	1	000550636
30x32	297	1	000550639



55MP/S8 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000550650
55MP/S13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000550651
55MP/S12 6x7-8x9-10x11-12x13-14x15- 16x17-18x19-20x22-21x23-24x26- 25x28-30x32 mm	1	000550653

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
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



73/S13 4-4,5-5-5,5-6-7-8-9 10-11-12-13-14 mm	1	000730210



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	225	1	000780343
★1.13/16	240	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	270	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
19x22	287	2	000800019
20x22	289	2	000800020
21x23	289	2	000800021
24x27	405	2	000800024
30x32	413	2	000800030



80/S8 6x7-8x9-10x11-12x13-14x15 16x17-18x19-20x22 mm	1	000800051
80/S11 6x7-8x9-10x11-12x13 14x15-16x17-18x19-20x22 21x23-24x27-30x32 mm	1	000800056

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/S3 11x13-14x17-19x22 mm	1	000830081
83/S5 10x12-11x13-15x17 16x18-19x22 mm	1	000830085

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	330	2	000880012
13x15	330	2	000880013
16x18	405	2	000880016
17x19	405	2	000880017
21x23	435	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
8x10	180	5	000900015
10x11	195	5	000900018
10x12	195	5	000900021
11x13	215	5	000900024
12x13	215	5	000900027
12x14	215	5	000900030
14x15	230	5	000900033
14x17	250	5	000900036
16x17	250	5	000900039
17x19	265	5	000900042
18x19	265	5	000900045
19x22	285	3	000900048
20x22	285	3	000900051
21x23	305	2	000900057
22x24	305	2	000900060
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 1 000900156
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22 mm
2002/BV8 1 020020020



90/S8 1 000900162
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22 mm
90/S12 1 000900166
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-30x32 mm
90/S12X 1 000900167
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x27
25x28-30x32 mm
90/S13 1 000900170
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-27x29-30x32 mm



90/SP13 1 000900174
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-27x29-30x32 mm
55/SPV 1 000550190

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
9/16x5/8	230	2	000900221
19/32x11/16	250	2	000900222
5/8x11/16	250	2	000900224
5/8x3/4	265	2	000900227
11/16x3/4	265	1	000900230
11/16x13/16	265	1	000900233
3/4x25/32	265	1	000900235
3/4x7/8	285	1	000900237
13/16x7/8	285	1	000900240
7/8x15/16	305	1	000900243
15/16x1	325	1	000900252
1.1/16x1.1/4	375	1	000900258
1.1/8x1.5/16	375	1	000900261



90AS/8 1 000900298
1/4x5/16-5/16x11/32
3/8x7/16-1/2x9/16
5/8x11/16-11/16x3/4
13/16x7/8-15/16x1
90AS/10 1 000900300
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



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
92/3	760	46÷55	25	1	000920030
92/4	860	60÷105	30	1	000920040

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		
17x19	310	1	000930117
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
13x15	175	2	000940013
14x15	175	2	000940014
14x17	195	2	000940015
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

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
18x19	225	2	000950168
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/S8 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000950177
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

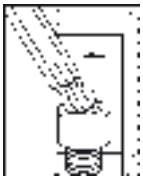


95FTX/S4 E6xE8-E10xE12 E14xE18-E20xE24	1	000950325



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.

96

offset hexagon key wrenches
chrome-plated



ISO 2936

mm	L mm	L1 mm		
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/BGS7 — 1,5-2-2,5-3-4-5-6 mm — 1 — 000960367



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

96N/BV — 1 — 000960651



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

96/SCV12 — 1 — 000960975

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/G7 2,5-3-4-5-6-8-10 mm	3	000960645
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/BV	1	000960651



96N/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960644
96N/SCV	1	000960986



96N/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960661
96N/SCV12	1	000960976



96C/AS

offset hexagon key wrenches, chrome-plated



"	L mm	L1 mm	g		
1/16	46	16	1,01	20	000961702
3/32	53	19	2,70	20	000961706
1/8	60	22	5,33	20	000961710
5/32	67	25	9.33	20	000961714
3/16	74	28	14,87	20	000961716
7/32	81	32	22,00	20	000961718
1/4	89	35	31,40	20	000961720
5/16	103	40	56,16	10	000961724
3/8	117	45	91,31	10	000961728



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		
1/30 (0,035")	44	14	20	000960698
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
9/16	151	69	2	000960734



96AS/SC9 1/16-3/32-1/8-5/32-3/16 7/32-1/4-5/16-3/8	1	000960743
96AS/SCV	1	000960744



96AS/T7 3/32-1/8-5/32 3/16-7/32-1/4-5/16	3	000960740



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
96N/BV	1	000960651



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
3,5	138	25	20	000960323
4	142	28	20	000960324
4,5	154	28	20	000960325
5	163	32	20	000960326
6	184	37	20	000960327
7	194	40	10	000960328
8	205	43	10	000960329
9	216	46	10	000960330
10	231	49	10	000960331
12	259	56	10	000960332



96LC/SC8 2-2,5-3-4-5-6-8-10 mm	1	000960334
96LC/SCV	1	000960983



96LC/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960337
96LC/SCV12	1	000960977

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
3,5	135	21	20	000960835
4	138	24	20	000960840
4,5	150	25	20	000960845
5	158	27	20	000960850
6	178	31	20	000960860
7	187	33	10	000960870
8	197	35	10	000960880
9	207	37	10	000960890
10	221	39	10	000960900
12	247	44	10	000960920



96L/SC8 2-2,5-3-4-5-6-8-10 mm	1	000960924
96L/SCV	1	000960987



96L/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960929
96L/SCV12	1	000960978

96BP-CL

ball head offset hexagon key wrenches,
chrome-plated,
coloured



mm	L mm	L1 mm			
1,5	91	16		5	000961600
2	102	17		5	000961601
2,5	113	21		5	000961602
3	128	23		5	000961603
4	143	28		5	000961604
5	163	33		5	000961605
6	185	37		5	000961606
8	206	43		2	000961608
10	231	50		2	000961610



96BP-CL/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000961619
96BP-CL/SCV	1	000961629

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 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960354
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 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960974
96BP/SCV	1	000960988

96LBP

ball head offset hexagon key wrenches,
extra-long model



mm	L mm	L1 mm		
1,5	90	15	5	000961340
2	100	17	5	000961341
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
8	204	44	2	000961348
10	230	49	2	000961350



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

96BP/AS

ball head offset hexagon wrenches
burnished



"	L mm	L1 mm		
3/32	89	17	10	000960989
1/8	98	18	10	000960990
5/32	108	24	10	000960991
3/16	126	26	10	000960992
7/32	139	28	10	000960993
1/4	152	31	10	000960994
5/16	168	34	5	000960995
3/8	190	39	5	000960996



96BP-AS/SC9 1/16-3/32-1/8-5/32-3/16 7/32-1/4-5/16-3/8	1	000961000
96BP-AS/SCV	1	000961001



96BP-AS/8 3/32-1/8-5/32-3/16-7/32 1/4-5/16-3/8	1	000960997
96BP-AS/BV	1	000960998

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.

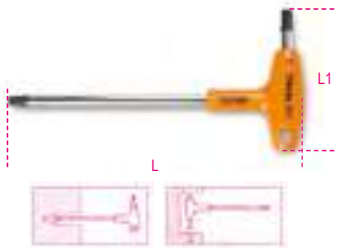
The round blade has a homogenous frame compared to the hexagon blade and provides increased strength.



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	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



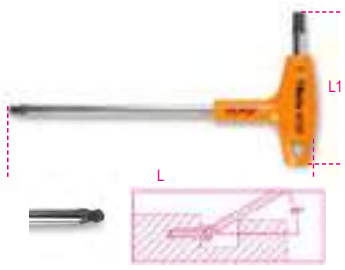
"	L mm	L1 mm		
3/32	153	55	2	000960669
7/64	153	55	2	000960670
1/8	179	70	2	000960671
9/64	179	70	2	000960672
5/32	200	84	2	000960673
3/16	200	84	2	000960674
7/32	221	103	2	000960675
1/4	236	106	2	000960676
5/16	255	117	2	000960678
3/8	285	132	2	000960680



96T/AS8 3/32-7/64-1/8-5/32-3/16- 1/4-5/16-3/8	1	000960682
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



	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/G8 1 000970645
T9-T10-T15-T20-T25
T27-T30-T40



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



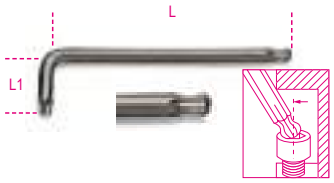
97TX/SC8 1 000970064
T9-T10-T15-T20-T25
T27-T30-T40
97TX/SCV 1 000970985



97TX/B13 1 000970650
T6-T7-T8-T9-T10-T15-T20
T25-T27-T30-T40-T45-T50
96N/BV 1 000960651

97BTX

ball head offset key wrenches,
for Torx® head screws



	L mm	L1 mm		
T9	62	16	5	000970109
T10	71	17	5	000970110
T15	81	18	5	000970115
T20	92	19	5	000970120
T25	94	20	5	000970125
T27	105	21	5	000970127
T30	114	24	5	000970130
T40	129	26	5	000970140
T45	133	28	5	000970145



97BTX/SC8 1 000970164
T9-T10-T15-T20-T25-T27-T30-T40
97BTX/SCV 1 000970983



97BTX/B8 1 000970159
T9-T10-T15-T20-T25
T27-T30-T40
96N/BV 1 000960651

97BTX-C

ball head offset key wrenches,
for Torx® head screws,
coloured



	L mm	L1 mm			
T9	80	16		5	000971609
T10	86	17		5	000971610
T15	90	18		5	000971615
T20	95	19		5	000971620
T25	100	20		5	000971625
T27	105	21		5	000971627
T30	114	24		5	000971630
T40	124	26		5	000971640

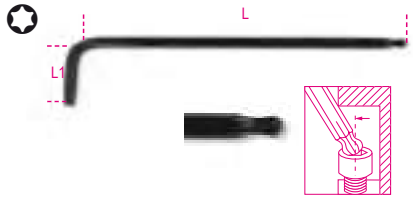


97BTX-C/SC8 1 000971658
T9-T10-T15-T20-T25-T27-T30-T40
97BTX-C/SCV 1 000971659



97BTXL

ball head offset key wrenches, long model,
for Torx® head screws



	L mm	L1 mm		
T9	80	15	3	000970309
T10	86	17	3	000970310
T15	100	18	3	000970315
T20	110	19	3	000970320
T25	126	20	3	000970325
T27	140	24	3	000970327
T30	160	28	3	000970330
T40	176	32	3	000970340



97BTXL/SC8 T9-T10-T15-T20- T25-T27-T30-T40	1	000970364
97BTXL/SCV	1	000970982

97RTX

offset key wrenches
for Tamper Resistant Torx® head screws



	L mm	L1 mm		
T6	40	15	5	000970206
T7	45	15	5	000970207
T8	50	16	5	000970208
T9	56	16	5	000970209
T10	62	17	5	000970210
T15	72	17	5	000970215
T20	83	18	5	000970220
T25	90	18	5	000970225
T27	100	20	5	000970227
T30	105	24	5	000970230
T40	112	26	5	000970240
T45	118	26	5	000970245
T50	122	28	3	000970250
T55	128	30	3	000970255



97RTX/SC8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970263
97RTX/SCV	1	000970984



97RTX/B8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970260
96N/BV	1	000960651

97BRTXL/SC8

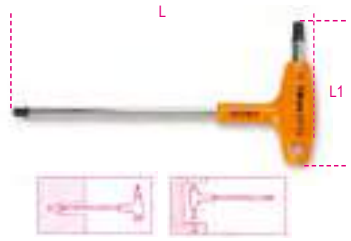
set of 8 ball head offset key wrenches,
long model,
for Tamper Resistant Torx® head screws



97BRTXL/SC8 T9-T10-T15-T20- T25-T27-T30-T40	1	000970464
97BRTXL/SCV	1	000970986

97TTX

offset key wrenches with handles
for Torx® head screws



	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 T10-T15-T20-T25-T30-T40	1	000970791
97TTX/S8 T8-T10-T15-T20-T25- T27-T30-T40	1	000970808
97TTX/S11 T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	000970800
97TTX/S13 T6-T7-T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	000970813



97TTX/SP11 T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	000970840
96T/SPV 96T/S11 97TTX/S11	1	000960958

98XZN

offset key wrenches with XZN® profile



DIN 65253

	L mm	L1 mm		
M5	83	25	5	000980005
M6	89	30	5	000980006
M8	97	32	5	000980008
M10	106	35	5	000980010
M12	116	37	5	000980012



98XZN/B5 M5-M6-M8-M10-M12	1	000980650
96N/BV	1	000960651

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	B 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/15	15-35	1	000990295
99ST VN/35	35-50	1	000990296
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 min-max 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 new 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**

Compact head with completely open jaw

Double laser marking in mm/inches



Based on the new ergonomic properties, weight has been reduced by 20%
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

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
150	6	24	3	001110415
200	8	29	3	001110420
250	10	34	3	001110425
300	12	40	3	001110430
380	15	45	3	001110438
450	18	54	2	001110445

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

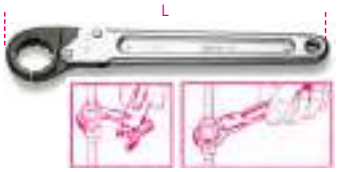
111CM
wide opening adjustable wrenches, chrome-plated, short series

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



L mm	L "	A max mm		
170	6	32	2	001110770
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

123E1/4
bit holder adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	20,6	1	001230010

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



mm	L mm		
10	17,5	1	001230310

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



mm	L mm		
13	22,5	1	001230313

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



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



141/S12 8-9-10-11-12-13- 14-15-16-17-18-19 mm	1	001410072

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	482	1	001420034
36x36	482	1	001420036
38x38	482	1	001420038



142/B6 8-10-13-14-17-19 mm	1	001420066
142/BV6	1	001420076
142/B9 8-10-11-12-13-14-15-17-19 mm	1	001420069
142/BV9	1	001420079



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/SC9I-E

set of 9 reversible ratcheting combination wrenches, with compact support



142/SC9I 8-10-11-12-13-14-15-17-19 mm	1	001420087
142/SCV9I	1	001420103
142/SC9E 8-10-11-12-13-16-17-18-19 mm	1	001420088
142/SCV9E	1	001420104

142MC

reversible ratcheting combination wrenches, coloured



ISO 21982:2020

mm	L mm			
8x8	136		3	001422008
10x10	159		3	001422010
11x11	168		3	001422011
12x12	174		3	001422012
13x13	180		3	001422013
14x14	190		2	001422014
15x15	200		2	001422015
16x16	216		2	001422016
17x17	233		2	001422017
18x18	239		2	001422018
19x19	248		2	001422019



142MC/SC9I 8-10-11-12-13-14-15-17-19 mm	1	001422087
142MC/SC9E 8-10-11-12-13-16-17-18-19 mm	1	001422088

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



142SN/SC9 8-10-11-12-13-14-15-17-19 mm	1	001420259

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
14x15	205	1	001870014
16x17	235	1	001870016



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

188
ratcheting flat bi-hex ring wrenches
for free alternator pulleys

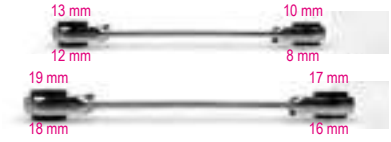


mm	L mm		
10	240	2	001880010
15	322	2	001880015

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

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 1 001950066
8x10-12x13-14x15
16x18-17x19 mm
195/BV5 1 001950070

195AS
ratcheting double-ended flat bi-hex ring wrenches



"	L mm		
5/16x3/8	128	2	001950606
7/16x1/2	170	2	001950611
9/16x5/8	190	2	001950614
11/16x3/4	230	2	001950617



195AS/B4 1 001950654
5/16x3/8 - 7/16x1/2 -
9/16x5/8 - 11/16x3/4
195FTX/BV4 1 001950520

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 1 001950266
8x10-12x13-14x15
16x18-17x19 mm
195/BV5 1 001950070

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	1	003100108

440x270x120 mm - 7,7 kg

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	30 mm 1"1/8	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	30 mm 1"1/8	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	■	■	■	■	■	■	■	
339A						■	■	■

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



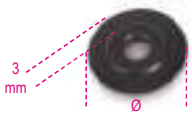
Ø mm - "	L mm		
3÷16 1/8"÷5/8"	59	2	003320001
3÷28 1/8"÷1"1/8	63	2	003320003

334
pipe cutter for copper and light alloy pipes



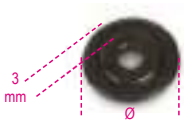
Ø mm - "	L mm		
3÷30 1/8"÷1"1/8	150	1	003340001

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



	Ø mm		
334R	18	1	003340021

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



	Ø 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



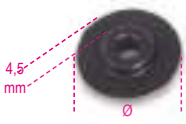
	Ø mm		
338R	18,5	1	003380022

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

339A
telescopic pipe cutter, fast advance for plastic pipes



Ø mm - "	L mm		
50÷127 2"÷ 5"	345	1	003390011

339A/R
spare cutter wheels for item 339A



	Ø mm		
339A/R	42	1	003390061

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

340RL
spare blade for item 340



340RL	1	003400010

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/MOL
spare spring for item 342A

342A/MOL	1	003420111

342A/RL
spare blade for item 342A



342A/RL	1	003420110

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



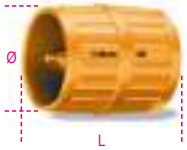
Ø mm - "	L mm		
0÷50 2"	260	1	003420121

342P/RL
spare blade for item 342P



342P/RL	1	003420130

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

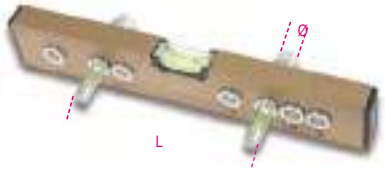
355
combination spud wrench, five steps

12"



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

357F3
three-vial spirit level



	Ø "	L mm		
3/8" / 1/2"		90÷220	1	003570100

357R/F3
spare vial for item 357F3



357R/F3	1	003570101

358
tools for chamfering plastic pipes



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

358RL
spare blade for items 358/1 and 358/2



358RL	1	003580011

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

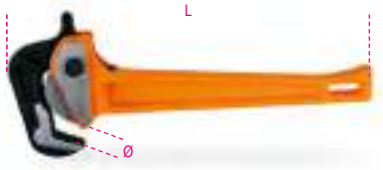


L mm	Ø max "	Ø max mm		
250	1" gas	34	1	003600025
350	1"1/2 gas	49	1	003600035
450	2" gas	60	1	003600045
600	2"1/2 gas	76	1	003600060
900	3"1/2 gas	102	1	003600090

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

360R 250	1	003600225
360R 350	1	003600235
360R 450	1	003600245
360R 600	1	003600260
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 200	1	003620220
362R 225	1	003620225
362R 300	1	003620230
362R 350	1	003620235
362R 450	1	003620245
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 350	1	003630235
363R 450	1	003630245
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 350	1	003650235
365R 450	1	003650245

366
pipe wrenches, light pattern



L mm	Ø max "	Ø max mm		
175	1" gas	34	1	003660017
225	1"1/2 gas	49	1	003660022
275	2" gas	60	1	003660027
300	2"1/2 gas	76	1	003660030
350	3" gas	90	1	003660035

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		
250	1/2" gas	21	1	003780025
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 240 x 374/240-378/250	1	003740724
374R 320 x 374/320-376/320-378/320	1	003740732
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/1	27	1	003830010
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 mm		
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
14	455	46,5	1	003880014
15	465	46,5	1	003880015
16	465	46,5	1	003880016

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

389/K4
kit of pipe bending springs for copper pipes
for external use



Ø "	L mm		
1/4-3/8-1/2-5/8	290	1	003890001

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



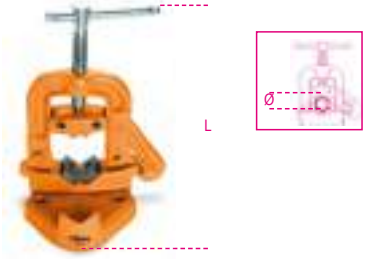
	L mm		
10÷32 mm 3/8"÷1"1/4	250÷430	1	003950100

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

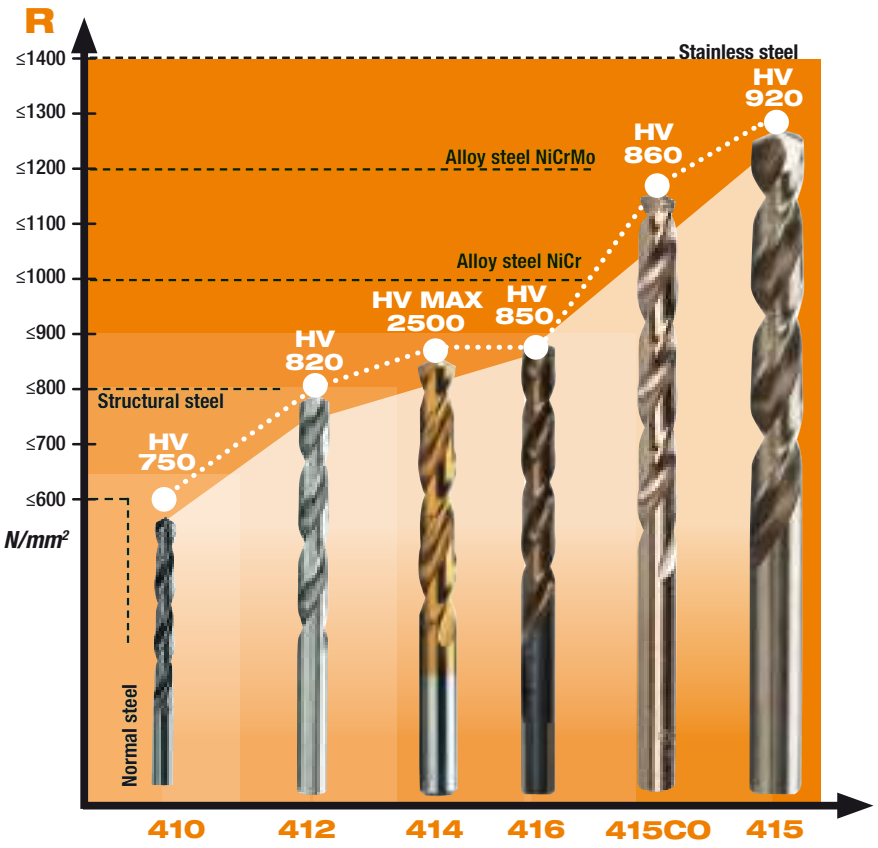
399R/...
spare kit for item 399
composed of two lower jaws and one upper jaw



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



410AS

twist drills with cylindrical shanks,
short series, HSS,
rolled,
in inches

R ≤ 650 N/mm²
HV ~ 750÷820



ANSI B94

Ø "	L mm	L1 mm		
1/16	48	22	10	004100371
5/64	51	25	10	004100372
3/32	57	32	10	004100373
7/64	67	38	10	004100374
1/8	70	41	10	004100375
9/64	73	44	10	004100376
5/32	79	51	10	004100377
11/64	83	54	10	004100378
3/16	89	59	10	004100379
13/64	92	62	10	004100380
7/32	95	64	10	004100381
15/64	98	67	10	004100382
1/4	102	70	10	004100383
17/64	105	73	10	004100384
9/32	108	75	10	004100385
19/64	111	78	10	004100386
5/16	114	81	10	004100387
21/64	117	84	10	004100388
11/32	121	87	5	004100389
23/64	124	89	5	004100390
3/8	127	92	5	004100391



410AS/SP21 Ø 1/16-5/64-3/32-7/64 1/8-9/64-5/32-11/64-3/16 13/64-7/32-15/64-1/4 17/64-9/32-19/64-5/16 21/64-11/32-23/64-3/8	1	004100429
410AS/SPV1	1	004100430



410AS/SEL21 Ø 1/16-5/64-3/32-7/64 1/8-9/64-5/32-11/64-3/16 13/64-7/32-15/64-1/4 17/64-9/32-19/64-5/16 21/64-11/32-23/64-3/8	1	004100433

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
7,25	109	69	5	004120115
7,50	109	69	5	004120118
7,75	117	75	5	004120121
8,00	117	75	5	004120124
8,25	117	75	5	004120127
8,50	117	75	5	004120130
8,75	125	81	5	004120133
9,00	125	81	5	004120136
9,25	125	81	5	004120139
9,50	125	81	5	004120142
9,75	133	87	5	004120145
10,00	133	87	5	004120148
10,25	133	87	5	004120149
10,50	133	87	5	004120150
10,75	142	94	5	004120151
11,00	142	94	5	004120152
11,25	142	94	5	004120153
11,50	142	94	5	004120154
11,75	142	94	5	004120155
12,00	151	101	5	004120156
12,25	151	101	5	004120157
12,50	151	101	5	004120158
12,75	151	101	5	004120159
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



			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/C150	1	004120450



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		
13,50	160	108	3	004120202
14,00	160	108	3	004120204
14,50	169	114	3	004120206
15,00	169	114	3	004120208
15,50	178	120	3	004120210
16,00	178	120	3	004120212
16,50	184	125	1	004120213
17,00	184	125	1	004120214
17,50	191	130	1	004120215
18,00	191	130	1	004120216
18,50	198	135	1	004120217
19,00	198	135	1	004120218
19,50	205	140	1	004120219
20,00	205	140	1	004120220

412L

twist drills with cylindrical shanks, long series, HSS entirely ground burnished

R ≤ 800 N/mm²
HV ~ 750÷820



DIN 340

Ø mm	L mm	L1 mm		
2,00	85	56	10	004120232
2,50	95	62	10	004120234
3,00	100	66	10	004120236
3,50	112	73	10	004120238
4,00	119	78	10	004120240
4,50	126	82	10	004120242
5,00	132	87	10	004120244
5,50	139	91	10	004120246
6,00	139	91	10	004120248
6,50	148	97	5	004120250
7,00	156	102	5	004120252
8,00	165	109	5	004120256
9,00	175	115	5	004120260
10,00	184	121	5	004120264

412XL

twist drills with cylindrical shanks, extra-long series, HSS, entirely ground

R ≤ 800 N/mm²
HV ~ 750÷820



DIN 1869/1

Ø mm	L mm	L1 mm		
3,00	150	100	1	004120520
3,50	165	115	1	004120522
4,00	175	120	1	004120524
4,50	185	125	1	004120526
5,00	195	135	1	004120528
5,50	205	140	1	004120530
6,00	205	140	1	004120532
6,50	215	150	1	004120534
7,00	225	155	1	004120536
7,50	225	155	1	004120538
8,00	240	165	1	004120540
8,50	240	165	1	004120542
9,00	250	175	1	004120544
9,50	250	175	1	004120546
10,00	265	185	1	004120548
10,50	265	185	1	004120550
11,00	280	195	1	004120552
12,00	295	205	1	004120556
13,00	295	205	1	004120560

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
5,25	86	52	10	004140090
5,50	93	57	10	004140094
5,75	93	57	10	004140096
6,00	93	57	10	004140100
6,25	101	63	10	004140102
6,50	101	63	10	004140106
6,75	109	69	10	004140108
7,00	109	69	10	004140112
7,25	109	69	5	004140114
7,50	109	69	5	004140118
7,75	117	75	5	004140120
8,00	117	75	5	004140124
8,25	117	75	5	004140125
8,50	117	75	5	004140130
8,75	125	81	5	004140132
9,00	125	81	5	004140136
9,25	125	81	5	004140138
9,50	125	81	5	004140142
9,75	133	87	5	004140144
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
12,50	151	101	5	004140158
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



Co8%

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
7,25	109	69	5	004150115
7,50	109	69	5	004150118
7,75	117	75	5	004150121
8,00	117	75	5	004150124
8,25	117	75	5	004150127
8,50	117	75	5	004150130
8,75	125	81	5	004150133
9,00	125	81	5	004150136
9,25	125	81	5	004150139
9,50	125	81	5	004150142
9,75	133	87	5	004150145
10,00	133	87	5	004150148
10,25	133	87	5	004150149
10,50	133	87	5	004150150
10,75	142	94	5	004150151
11,00	142	94	5	004150152
11,25	142	94	5	004150153
11,50	142	94	5	004150154
11,75	142	94	5	004150155
12,00	151	101	5	004150156
12,25	151	101	5	004150157
12,50	151	101	5	004150158
12,75	151	101	5	004150159
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



Co8%

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



Co5%

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
11,50	142	94	5	004150354
12,00	151	101	5	004150356
12,50	151	101	5	004150358
13,00	151	101	5	004150360

415CO-A

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

R ≤ 1200 N/mm²
HV ~ 800÷860



Co5%

DIN 338

Ø mm	L mm	L1 mm		
14,00	160	108	3	004150364
15,00	169	114	3	004150366
16,00	178	120	3	004150368
17,00	184	125	1	004150370
18,00	191	130	1	004150372
19,00	198	135	1	004150374
20,00	205	140	1	004150376



Co5%

DIN 338

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

415L

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

R ≤ 1200 N/mm²
HV ~ 800÷860



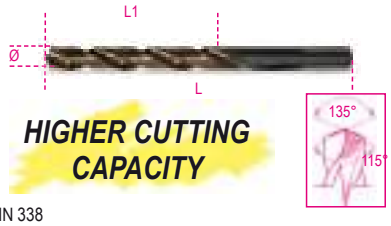
DIN 340

Ø mm	L mm	L1 mm		
3,00	100	66	10	004150236
3,50	112	73	10	004150238
4,00	119	78	10	004150240
4,50	126	82	10	004150242
5,00	132	87	10	004150244
5,50	139	91	10	004150246
6,00	139	91	10	004150248
6,50	148	97	5	004150250
7,00	156	102	5	004150252
8,00	165	109	5	004150256
9,00	175	115	5	004150260
10,00	184	121	5	004150264

416

drill with cylindrical shank, HSS-G, specially ground, with two cutter pairs

R ≤ 900 N/mm²
HV 820÷850



DIN 338

Ø mm	L mm	L1 mm		
1,00	34	12	10	004160010
1,50	40	18	10	004160015
2,00	49	24	10	004160020
2,50	57	30	10	004160025
3,00	61	33	10	004160030
3,50	70	39	10	004160035
4,00	75	43	10	004160040
4,50	80	47	10	004160045
5,00	86	52	10	004160050
5,50	93	57	10	004160055
6,00	93	57	10	004160060
6,50	101	63	10	004160065
7,00	109	69	10	004160070
7,50	109	69	5	004160075
8,00	117	75	5	004160080
8,50	117	75	5	004160085
9,00	125	81	5	004160090
9,50	125	81	5	004160095
10,00	133	87	5	004160100





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

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 CUTTING CAPACITY



416P/SP19 1 004160469
ø 1÷10 x 0,5 mm
115x170x40 mm

417

helical cylindrical masonry drill bits, short series, made from milled steel with hard metal plates



DIN 8039

Ø mm	L mm		
3	70	10	004170003
4	75	10	004170004
5	85	10	004170005
5L	150	5	004170105
6	100	10	004170007
6L	150	5	004170106
7	120	10	004170009
8	120	10	004170010
8L	200	5	004170113
9	120	10	004170011
10	120	10	004170012
10L	200	5	004170120
12	150	10	004170014
12L	200	5	004170125
14	150	5	004170016
16	150	5	004170018



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

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
5	160	10	004190006
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 1 004190507
Ø 5 - 6 - 8 x 110 mm
Ø 6 - 8 - 10 - 12 x 160 mm

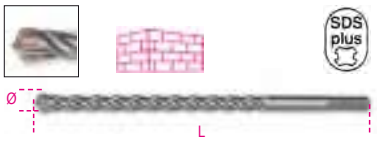




419T

hammer drill bits
with milled shanks, 4 spirals and 4 cutters

HVA~ 1650



Ø mm	L mm		
5	110	5	004190604
5	160	5	004190606
6	110	5	004190612
6	160	5	004190614
6	210	5	004190616
7	160	5	004190628
8	110	5	004190630
8	160	5	004190632
8	210	5	004190634
8	260	5	004190636
8	310	5	004190638
9	160	3	004190644
10	160	3	004190650
10	210	3	004190652
10	260	3	004190654
10	310	3	004190656
10	460	3	004190660
12	160	3	004190664
12	210	3	004190666
12	260	3	004190668
12	460	3	004190674
14	160	2	004190686
14	260	2	004190690
14	310	2	004190692
14	460	2	004190696
16	210	2	004190712
16	260	2	004190714
16	310	2	004190716
16	460	2	004190720
18	260	1	004190724
20	310	1	004190728

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
12	100	20	13,0	12,5	1	004210012



421/SP6 M 3-4-5-6-8-10	1	004210019
421/SPV	1	004210020

422

ground centre drill bits,
60° countersink angle,
made of HSS

• For quick, safe centre holes



DIN 333/A

Ø mm	D mm	L mm		
1,60	4,0	35,5	1	004220116
2,50	6,3	45,0	1	004220125
3,15	8,0	50,0	1	004220131

423

special end mills for welding
HSS ground



Ø mm	L mm		
6	66	5	004230006
7	74	5	004230007
8	79	5	004230008
10	89	5	004230010

423A

special mills for spot welding,
HSS ground



DIN 1412/E

Ø mm	L mm		
6,5	40	1	004230015
8,0	40	1	004230020

424

conical drill bits, HSS



	L mm	Ø mm	D mm		
424/1	58	3÷14	6	2	004240001
424/2	63	6÷20	8	2	004240002
424/3	60	16÷30	10	2	004240003
424/4	80	3÷22	8	1	004240004
424/5	102	3÷31	10	1	004240005
424/6	86	26÷40	13	1	004240006
424/7	89	36÷50	13	1	004240007
424/8	90	40÷61	13	1	004240008



424/SP3 424/1+424/2+424/3 Ø 3÷30 mm	1	004240019
424/SPV	1	004240020

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

426

countersinking cutters
with three cutters,
HSS



DIN 335-C

GR	Ø mm	L mm	Ø1 mm		
1	4,3	44	4	3	004260001
2	5,3	44	4	3	004260002
3	6,3	44	5	3	004260003
4	7,3	44	6	3	004260004
5	8,3	50	6	3	004260005
6	9,4	50	6	3	004260006
7	10,4	54	6	3	004260007
8	12,4	54	8	3	004260008
9	15,0	56	10	3	004260009
10	16,5	60	10	3	004260010
11	20,5	63	10	3	004260011
12	25,0	66	10	3	004260012
13	28,0	71	12	3	004260013
14	31,0	71	12	3	004260014



DIN 335-C

426/SP6 GR 3-5-7-8-10-11 Ø 6,3÷20,5 mm	1	004260030
426/SPV	1	004260035

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 Ø 6,3-8,3-10,4-12,4-16,5-20,5 mm	1	004260060

100x145x40 mm

426T

countersinking cutters
with three cutters,
HSS + TiN



DIN 335-C

GR	Ø mm	L mm	Ø1 mm		
1	4,3	44	4	3	004260061
2	5,3	44	4	3	004260062
3	6,3	44	5	3	004260063
4	7,3	44	6	3	004260064
5	8,3	50	6	3	004260065
6	9,4	50	6	3	004260066
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 GR 3-5-7-8-10-11 Ø 6,3÷20,5 mm	1	004260080
426/SPV	1	004260035

426SB

countersinking cutters, HSS



	GR	Ø mm	D mm	L mm		
426/SB1	1	2÷5	6	45	1	004260101
426/SB2	2	5÷10	8	48	1	004260102
426/SB3	3	10÷15	10	65	1	004260103
426/SB4	4	15÷20	12	85	1	004260104
426/SB5	5	20÷25	15	102	1	004260105
426/SB6	6	25÷30	15	115	1	004260106





426SB/SP4 426/SB1-426/SB2 426/SB3-426/SB4 Ø 2÷20 mm	1	004260130
426SB/SPV1	1	004260135

426MD-3/CP3

mini rotary cutters made from hard metal

- **Smooth cross cut with chip breaker**



L mm	Ø mm		
38,1	3	1	004260332

426MD-3/CT3

mini rotary cutters made from hard metal

- **Smooth cross cut with chip breaker**



L mm	Ø mm		
37,8	3	1	004260333

426MD-3/F3

mini rotary cutters made from hard metal

- **Smooth cross cut with chip breaker**



L mm	Ø mm		
38,3	3	1	004260334

426MD-3/FA3

mini rotary cutters made from hard metal

- **Smooth cross cut with chip breaker**



L mm	Ø mm		
38,2	3	1	004260339

426MD-3/OG3

mini rotary cutters made from hard metal

- **Smooth cross cut with chip breaker**



L mm	Ø mm		
38,1	3	1	004260337

426MD-3/OV3
mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm		
38,2	3	1	004260331

426MD-3/S3
mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm		
38,0	3	1	004260338

426MD-3/T3
mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm		
38,3	3	1	004260336

426MD-3/TA3
mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm		
38,3	3	1	004260335



426MD-3/A9 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	1	004260349

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		
0	92	13	3	004270000
1-2	140	19	3	004270002
3	190	25	3	004270003
4	225	30	3	004270004
5-6	260	35	3	004270006

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	29	5	004280012
14x2	9,0	110	30	5	004280014
16x2	9,0	110	30	5	004280016
18x2,5	11,0	125	34	3	004280018
20x2,5	12,0	140	34	3	004280020
22x2,5	14,5	140	34	3	004280022
24x3	14,5	160	38	3	004280024

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



ISO 529

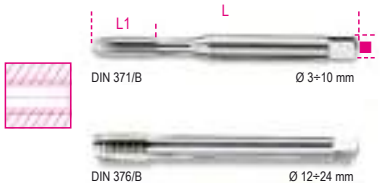
M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	10	004280103
4x0,7	3,4	63	13	10	004280104
5x0,8	4,9	70	16	10	004280105
6x1	4,9	80	19	10	004280106
8x1,25	6,2	90	22	10	004280108
10x1,5	8,0	100	24	10	004280110
12x1,75	7,0	110	29	5	004280112
14x2	9,0	110	30	5	004280114
16x2	9,0	110	30	5	004280116
18x2,5	11,0	125	34	3	004280118
20x2,5	12,0	140	34	3	004280120
22x2,5	14,5	140	34	3	004280122
24x3	14,5	160	38	3	004280124

428/C14
assortment of 14 machine taps
items 428FP + 428FC



428/C14 428FP M3÷12 428FC M3÷12	1	004280201
428/SPV	1	004280202

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	29	5	004290012
14x2	9,0	110	30	5	004290014

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	6,2	90	22	5	004290108
10x1,5	8,0	100	24	5	004290110
12x1,75	7,0	110	29	5	004290112
14x2	9,0	110	30	5	004290114

429/C14
assortment of 14 machine taps
items 429FP + 429FC



429/C14 429FP M3÷12 429FC M3÷12	1	004290201
428/SPV	1	004280202

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
430/SPV	1	004300202

430ASW

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



DIN 352

BSW	■ mm	L mm	L1 mm		
1/8x40	2,7	40	12	5	004300031
5/32x32	3,4	45	14	5	004300032
3/16x24	4,3	48	18	5	004300033
1/4x20	4,9	50	22	5	004300034
5/16x18	4,9	56	25	3	004300035
3/8x16	5,5	70	28	3	004300036
7/16x14	6,2	70	30	3	004300037
1/2x12	7,0	75	32	3	004300038
9/16x12	9,0	80	32	1	004300039
5/8x11	9,0	80	38	1	004300040
3/4x10	11,0	95	40	1	004300041
7/8x9	14,5	100	40	1	004300042
1"x8	16,0	110	50	1	004300043

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	12	5	004310003
4x0,7	3,0	45	14	5	004310004
5x0,8	4,0	48	16	5	004310005
6x1	5,0	50	18	5	004310006
7x1	5,0	50	18	5	004310007
8x1,25	5,0	56	22	3	004310008
10x1,5	6,0	70	25	3	004310010
12x1,75	7,0	75	30	3	004310012
14x2	9,0	80	32	1	004310014
16x2	9,0	80	32	1	004310016
18x2,5	11,0	95	40	1	004310018
20x2,5	12,0	95	40	1	004310020
22x2,5	12,0	100	40	1	004310022
24x3	14,5	110	50	1	004310024



431/SP21 M 3-4-5-6-8-10-12	1	004310201
431/SPV	1	004310202

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
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

433ASF

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



ANSI B1.1

UNF	■ mm	L mm	L1 mm		
1/4x28	4,9	70	30	5	004330301
5/16x24	4,9	70	30	5	004330302
3/8x24	5,5	75	35	3	004330303
7/16x20	6,2	80	40	3	004330304
1/2x20	7,0	85	45	3	004330305
9/16x18	9,0	90	45	3	004330306
5/8x18	9,0	100	47	3	004330307
3/4x16	11,0	110	50	3	004330308
7/8x14	14,5	120	60	1	004330309
1"x12	16,0	130	60	1	004330310

433ASG

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

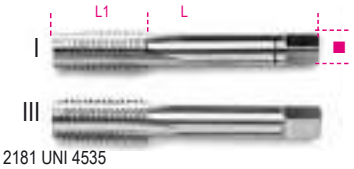


DIN 5157

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	4,5	48	16	5	004340001
8x0,75	5,0	56	16	5	004340003
8x1	5,0	56	16	5	004340004
10x0,75	6,5	63	18	5	004340007
10x1	6,5	63	18	5	004340008
10x1,25	6,5	63	18	5	004340009
12x1	7,0	70	20	3	004340014
12x1,25	7,0	70	20	3	004340015
12x1,5	7,0	70	20	3	004340016
13x1,5	9,0	70	20	1	004340017
14x1	9,0	70	20	1	004340018
14x1,25	9,0	70	20	1	004340019
14x1,5	9,0	70	20	1	004340020
15x1,5	9,0	70	20	1	004340021
16x1	9,0	70	20	1	004340022
16x1,5	9,0	70	20	1	004340023
18x1,5	11,0	80	22	1	004340024
18x2	11,0	90	25	1	004340025
20x1,25	12,0	80	22	1	004340026
20x1,5	12,0	80	22	1	004340027
20x2	12,0	90	25	1	004340028
22x1,5	14,5	80	22	1	004340029
24x1	14,5	80	22	1	004340030
24x1,5	14,5	80	22	1	004340031
24x2	14,5	80	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	5,5÷16 M9÷M27	430	1	004350027
435/5	7÷18 M13÷M32	770	1	004350032

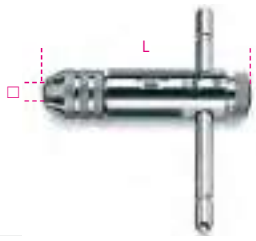
435G
adjustable tap wrenches, light alloy body



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

436R
spare clamps for items 436 and 436L

436R/1	1	004360022
436R/2	1	004360024

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

437C
set for repairing damaged spark plug threads, M14x1.25 mm

- **Helicoids height: 8.40 - 12.40 - 16.40 mm (5 pcs/size)**



437C	1	004370100

437C/...
stainless steel helicoids for item 437C



H mm		
8.4	1	004370108
12.4	1	004370112
16.4	1	004370116

437C/RM14
male thread for spark plugs M14x1.25



437C/RM14	1	004370124

437K/8
tool assortment for repairing axle shaft threads

- **Allows original thread to be rectified and dressed.**

Kit contents:
- **Metric sizes:**
  20x1.25 - 20x1.5 - 22x1.00 - 22x1.5 - 24x1.5 - 24x2.00
- **Inch sizes:**
  3/4x20 - 13/16x20



⬡ 32 mm

437K/8	1	004370020

200x110x30 mm

437K/9
tool assortment for repairing male and female threads, wheel fixing screws

allows original thread to be rectified and dressed

Kit contents:
- **Taps:**
  M12x1.25 - M12x1.5 - M12x1.75 - M14x1.5
- **Dies:**
  M12x1.25 - M12x1.5 - M14x1.5



⬡ 12 - 24 mm

437K/9	1	004370029

161x123x50 mm

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/16

tool assortment for repairing
damaged threads on brake caliper brackets
M9x1.25



437K/16	1	004370016

210x150x50 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 M5X0,8 M6X1,0 M8X1,25 M10X1,5 M12X1,75	1	004370550

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

	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

	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

440ASW

round dies, **Whitworth** thread
made from chrome-steel

R ≤ 600 N/mm²



UNI EN 22568
DIN 223

BSW	Ø x S mm		
1/8x40	25,4 x 9	5	004400201
5/32x32	25,4 x 9	5	004400202
3/16x24	25,4 x 9	5	004400203
1/4x20	25,4 x 9	5	004400204
5/16x18	25,4 x 9	5	004400205
3/8x16	38,1 x 14	3	004400206
7/16x14	38,1 x 14	3	004400207
1/2x12	38,1 x 14	3	004400208
9/16x12	38,1 x 14	3	004400209
5/8x11	50,8 x 16	3	004400210
3/4x10	50,8 x 16	3	004400211
7/8x9	50,8 x 16	3	004400212
1"x8	50,8 x 16	3	004400213

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

440ASF

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



UNI EN 2258
DIN 223

UNF	Ø x S mm		
1/4x28	25,4 x 9	5	004400241
5/16x24	25,4 x 9	5	004400242
3/8x24	38,1 x14	3	004400243
7/16x20	38,1 x14	3	004400244
1/2x20	38,1 x14	3	004400245
9/16x18	38,1 x14	3	004400246
5/8x18	50,8 x 16	3	004400247
3/4x16	50,8 x 16	3	004400248
7/8x14	50,8 x 16	3	004400249
1"x12	50,8 x 16	3	004400250

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



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/1	25,4x9,5	215	5	004440125
444G/1A	25x9	215	5	004440127
444G/1B	30x11	265	5	004440130
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	433 M	440/440A M	441/441A M
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		

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		

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		

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/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

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

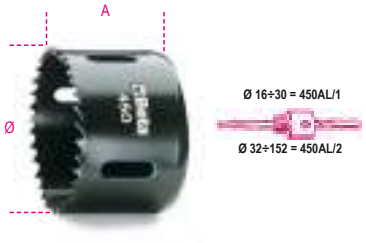
510x340x70 mm - 7,5 Kg

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
17	(11/16)	57	1	004500017
19	(3/4)	51	1	004500019
20	-	51	1	004500020
21	(13/16)	51	1	004500021
22	(7/8)	51	1	004500022
24	(15/16)	51	1	004500024
25	(1")	51	1	004500025
27	(1"1/16)	51	1	004500027
29	(1"1/8)	51	1	004500029
30	(1"3/16)	51	1	004500030
32	(1"1/4)	51	1	004500032
33	(1"5/16)	51	1	004500033
35	(1"3/8)	51	1	004500035
37	(1"7/16)	51	1	004500037
38	(1"1/2)	44	1	004500038
40	(1"9/16)	44	1	004500040
41	(1"5/8)	44	1	004500041
43	(1"11/16)	44	1	004500043
44	(1"3/4)	44	1	004500044
46	(1"13/16)	44	1	004500046
48	(1"7/8)	44	1	004500048
51	(2")	44	1	004500051
52	(2"1/16)	44	1	004500052
54	(2"1/8)	44	1	004500054
57	(2"1/4)	44	1	004500057
59	(2"5/16)	44	1	004500059
60	(2"3/8)	44	1	004500060
64	(2"1/2)	44	1	004500064
65	(2"9/16)	44	1	004500065
67	(2"5/8)	44	1	004500067
68	-	44	1	004500068
70	(2"3/4)	44	1	004500070
73	(2"7/8)	44	1	004500073
76	(3")	44	1	004500076
79	(3"1/8)	44	1	004500079
83	(3"1/4)	44	1	004500083
86	(3"3/8)	44	1	004500086
89	(3"1/2)	44	1	004500089
92	(3"5/8)	44	1	004500092
95	(3"3/4)	44	1	004500095
98	(3"7/8)	44	1	004500098
102	(4")	44	1	004500102
105	(4"1/8)	44	1	004500105
108	(4"1/4)	44	1	004500108
111	(4"3/8)	44	1	004500111
114	(4"1/2)	44	1	004500114
121	(4"3/4)	44	1	004500121
127	(5")	44	1	004500127
140	(5"1/2)	44	1	004500140
152	(6")	44	1	004500152

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	

215x180x65 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**



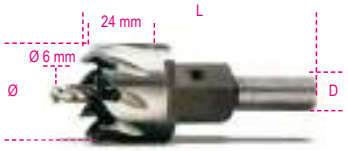
HSS-Co 8%

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		
12	85	8	1	004510012
13	85	8	1	004510013
14	85	8	1	004510014
15	85	10	1	004510015
16	85	10	1	004510016
17	85	10	1	004510017
18	85	10	1	004510018
19	85	10	1	004510019
20	85	10	1	004510020
21	85	10	1	004510021
22	85	10	1	004510022
23	85	10	1	004510023
24	85	10	1	004510024
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 Ø 16-18-20-22-25-30-32-35 mm	1	004510308

270x225x70 mm

451GA

arbors for hole cutters item 451



M	Ø mm	L mm	D mm		
10x1,25	12÷14	57	8	1	004510101
12x1,25	15÷34	57	10	1	004510102
14x1,5	35÷50	57	10	1	004510105

451PA

pilot drill for hole cutters item 451
HSS



Ø mm	L mm		
6	53	1	004510103

451PR

extension for hole cutters item 451

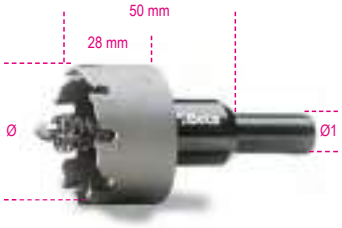


M	Ø mm	L mm	Ø1 mm		
12x1,25	15÷34	400	13	1	004510104
14x1,5	35÷50	400	13	1	004510108



452

hole cutters with hard metal insets



Ø mm	Ø1 mm		
15	10	1	004520015
16	10	1	004520016
17	10	1	004520017
18	10	1	004520018
19	10	1	004520019
20	10	1	004520020
21	10	1	004520021
22	10	1	004520022
23	10	1	004520023
24	10	1	004520024
25	10	1	004520025
26	10	1	004520026
27	10	1	004520027
28	10	1	004520028
29	10	1	004520029
30	10	1	004520030
31	10	1	004520031
32	10	1	004520032
33	10	1	004520033
34	10	1	004520034
35	10	1	004520035
36	10	1	004520036
37	10	1	004520037
38	10	1	004520038
39	13	1	004520039
40	13	1	004520040
41	13	1	004520041
42	13	1	004520042
43	13	1	004520043
44	13	1	004520044
45	13	1	004520045
46	13	1	004520046
47	13	1	004520047
48	13	1	004520048
49	13	1	004520049
50	13	1	004520050
55	13	1	004520055
60	13	1	004520060
65	13	1	004520065
70	13	1	004520070
75	13	1	004520075
80	13	1	004520080
85	13	1	004520085
90	13	1	004520090

452GA

arbors for hole cutters item 452



	Ø mm		
452GA/1	15÷21	1	004520125
452GA/2	22÷38	1	004520126
452GA/3	39÷100	1	004520127

460

hole cutters for building materials

- **For concrete, cement, natural and artificial stones**
- **Maximum drilling depth: 60 mm**



Ø mm	L mm	Z		
50	75	6	1	004600050
60	75	6	1	004600060
65	75	6	1	004600065
80	75	6	1	004600080
90	75	6	1	004600090
100	75	8	1	004600100
112	75	8	1	004600112
125	80	10	1	004600125
150	80	12	1	004600150

460PP

pilot drill for hole cutters for building materials
460



Ø mm	L mm		
8	120	1	004600201

460G

shanks for hole cutters 460



L mm		
220	1	004600222
370	1	004600237
460	1	004600246

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

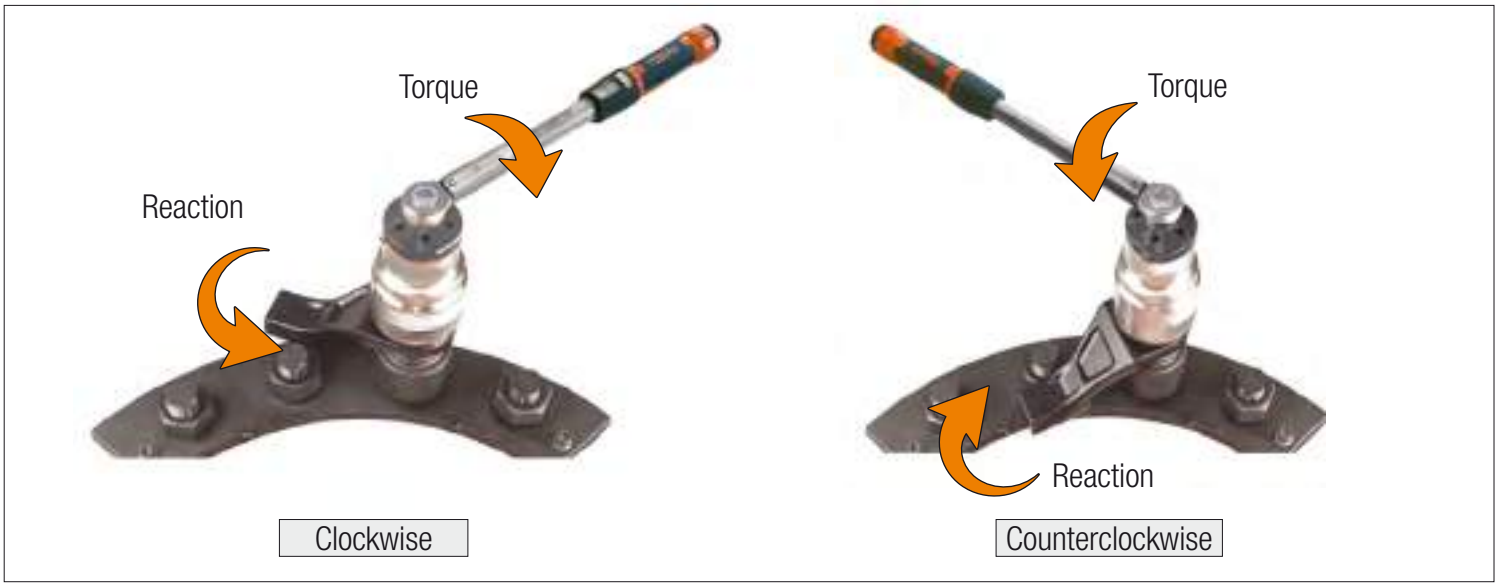
The torque multiplier **must be used with a torque wrench** to ensure control of the output torque; in addition, it must always be used with **impact sockets**.

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.





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

565-1R/VA - 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
1700	170	1250	1/2	1"	108	125	80	215	11,2

565-1R/VA 1 005650611

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

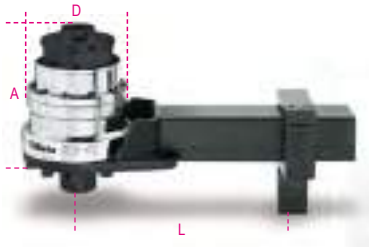
565-2R/VA 1 005650612

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

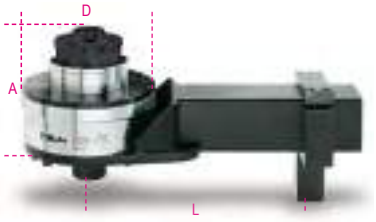


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	180	125	335	22,4

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

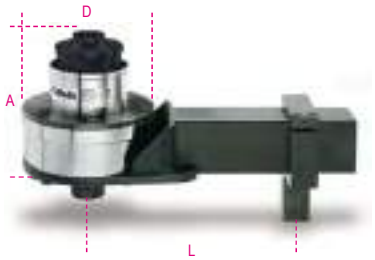


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	210	125	335	24,4

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.



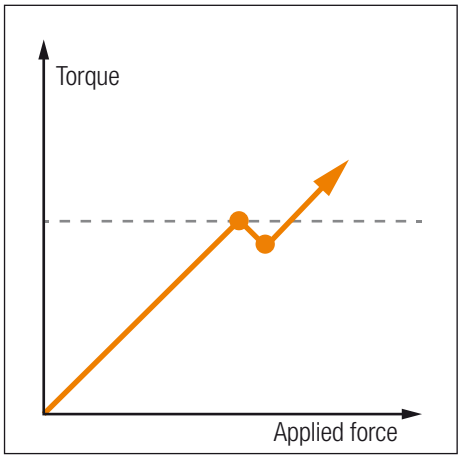
The adjustment scale must be reset to zero after use, in order not to affect tightening precision. **This is not necessary with the Zero-Reset wrenches.**



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

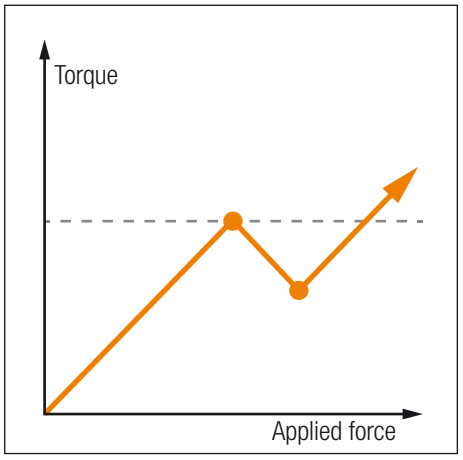
DIRECT READING MODELS

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.



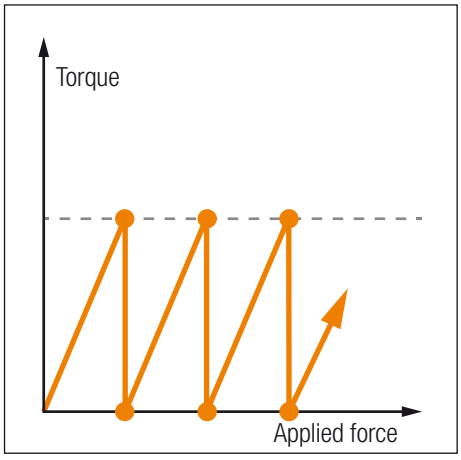
CLICK-TYPE MODELS

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.



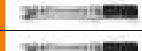
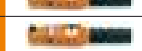
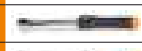
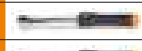
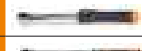
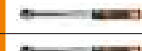
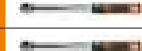
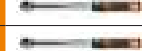
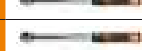
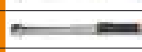
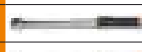
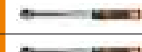
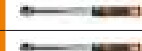
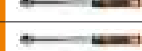
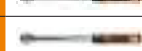
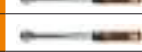
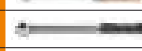
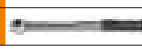
SLIPPING MODELS

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

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

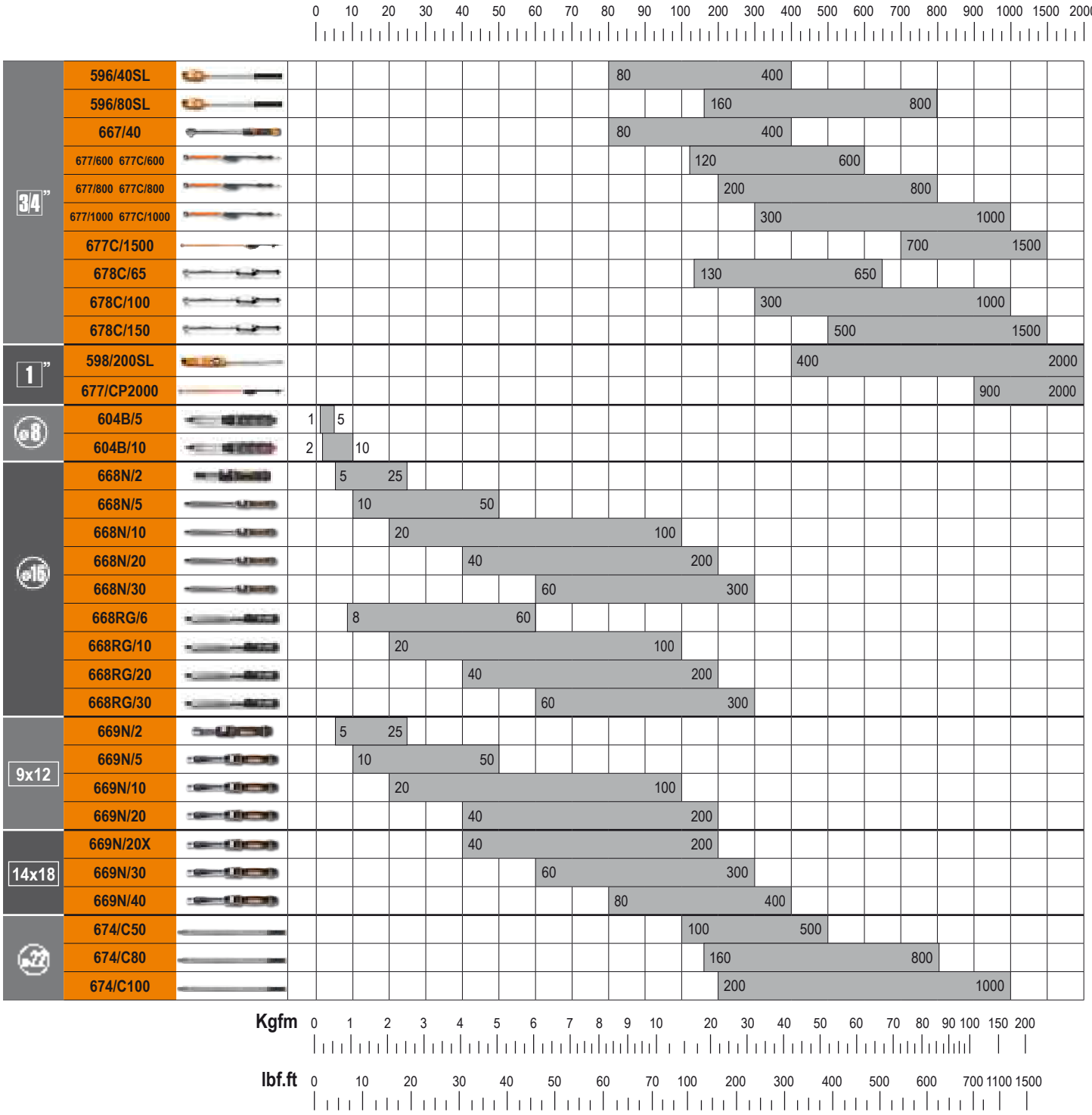
1/4"	590		0,8 – 4
	590/1		2,5 – 12
	603/5		1 – 5
	603/10		2 – 10
	605E/5		1 – 5
	605E/10		2 – 10
	666/2		5 – 25
	666 LBF.FT/2		4 LBF.FT – 18 LBF.FT
3/8"	592/3		5 – 25
	592/4		8 – 40
	599DGT/6		12 – 60
	665/6		10 – 60
	665/10		20 – 100
	665LB/6		7 LBF.FT – 45 LBF.FT
	665LB/10		15 LBF.FT – 75 LBF.FT
	666/2X		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
	668RGC/10		20 – 100
1/2"	594/8		16 – 80
	594/21		40 – 200
	599DGT/10X		20 – 100
	599DGT/20		40 – 200
	599DGT/30		68 – 340
	599DGT-AN/10		20 – 100
	599DGT-AN/20		40 – 200
	606MQ/50		5 – 50
	610/5		90 – 130
	610L/5		90 – 130
	610L/5L		120 – 200
	665/10X		20 – 100
	665/20		40 – 200
	665/30		60 – 330
	665LB/10X		15 LBF.FT – 75 LBF.FT
	665LB/20		30 LBF.FT – 150 LBF.FT
	665LB/30		45 LBF.FT – 240 LBF.FT
	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

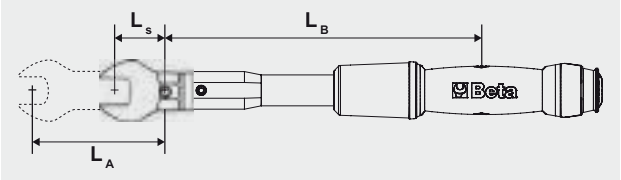
1 Nm = 0,10197 Kgfm = 0,7375 lbf.ft



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:

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



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

slip-torque screwdriver, **ungraduated**
for right-hand tightening
torque accuracy: ±6%
(to be used with items 588 - 682)



UNI EN ISO 6789

Nm	gfm	○	g
1,2÷6	120÷600	1/4"	275

581 — 1 005810001

583

slip-torque screwdriver, graduated
for right-hand tightening
torque accuracy: ±6%



UNI EN ISO 6789

Nm	gfm	○	g	
0,3÷1,5	30÷150	1/4"	240	0,05

583/1,5 — 1 005830015

Nm	gfm	○	g	
0,6÷3	60÷300	1/4"	240	0,1

583/3 — 1 005830030

Nm	gfm	○	g	
1,2÷6	120÷600	1/4"	350	0,2

583/6 — 1 005830060

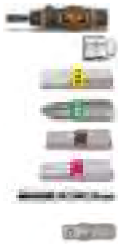
583/C31

1 torque screwdriver, 8 hexagon hand sockets, 20 bits and 2 accessories

1/4



583/C31 — 1 005830931

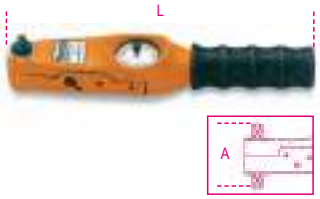


	583/6	1.2 - 6 Nm
◎	**900**	4-5-5,5-6-7-8-9-10 mm
◐	**860LP**	0,6x4,5 - 1x5,5 - 1,2x6,5 mm
✚	**860PH**	PH1 - PH2 (x2) - PH3
○	**860PE**	2-2,5-3-4-5 mm
✪	**860TX**	T9-T10-T15-T20-T25-T27-T30-T40
	882P/80	80 mm
	892/0	● 1/4 ■ 1/4

270x120x45 mm - 1,2 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	
0,3÷4	0,03÷0,4	3÷35	1/4	60	253	0,52	0,1

590 — 1 005900001

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
0,5÷13,5	0,05÷1,35	4÷120	1/4	60	253	0,52	0,5

590/1 — 1 005900003

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
1÷27	0,1÷2,7	10÷240	3/8	70	253	0,52	1,0

592/3 — 1 005920005

Nm	Kgfm	lbf.in	■	A mm	L mm	kg	
3÷40	0,3÷4	20÷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%

12"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
6÷80	0,6÷8	5÷60	1/2	85	455	1,35	2,0

594/8 — 1 005940011

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
20÷215	2÷21,5	15÷160	1/2	85	530	1,40	5,0

594/21 — 1 005940015

Torque calibration service at end of price list

596 - 598

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

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg	
200÷2000	20÷200	150÷1500	1"	135	1930	16,70	50

598/200SL — 1 005980022



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-AN

electronic torque wrench, torque and angle readout,
with reversible ratchet,
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 and an intermittent sound inform user that preset torque or angle has been reached**
- **tightening data storage (up to 250 values)**
- **up to 9 torque/angle values can be preset**
- **key safety lockout**
- **wrench can be associated with 16 users through user ID**
- **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**
- **nonslip bi-material handle**
- **included: 2 AA - 1.5V batteries, USB cable and software**



UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
20÷100	2÷10	15÷80	1/2	30	33	413	0,9	0,1

599DGT-AN/10 — 1 — 005990610

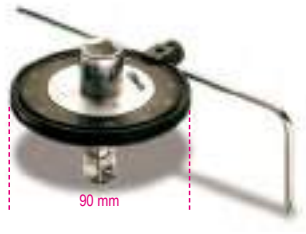
Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg	
40÷200	4÷20	30÷150	1/2	40	43	520	1,3	0,1

599DGT-AN/20 — 1 — 005990620

Torque calibration service at end of price list

600

torque angle indicators



	□	■		
600/1	1/2	1/2	1	006000001
600/2	3/4	3/4	1	006000002

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%



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%



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	g	
1÷5	0,1÷0,5	10÷45	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	18÷90	1/4	20	190	180	0,1

605E/10 1 006050110

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)**



Nm	Kgcm	lbf.ft	■	D mm	A mm	L mm	g	
4÷20	10÷204	0,75÷14,75	1/4	20	20	210	175	0,01

605DGT/2 1 006050302

610/5
click-type torque wrenches
with reversible ratchets,
for right-hand tightening,
with 5 preset values,
torque accuracy: ± 4%

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



UNI EN ISO 6789

Nm	■	D mm	A mm	L mm	g	
90÷130	1/2	42	39	490	1330	10

610/5 1 006100025

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



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



UNI EN ISO 6789

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

610L/5L 1 006100150

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



■	L mm	
1/4	42,5	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 parts
rotating mechanism of ratchets,
see table after item 929/C8

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 at end of price list**

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



	■	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		
4	37	1	006410003
5	37	1	006410004
5,5	37	1	006410005
6	37	1	006410006
7	37	1	006410007
8	42	1	006410008
9	42	1	006410009
10	42	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
23	65	32	53	1	006420023
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 at end of price list**

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 at end of price list**

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 at end of price list**

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
34	97	56	75,5	1	006440034
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		
* 5-27	9X12	93	74,3	1	006500027
* 5-30	9X12	106	85,3	1	006500030
* 5-30	14X18	115	89	1	006500130
* 10-41	14X18	127	100	1	006500141

*Caution! Recalculate torque value to set as shown in table at end of price list

650H
hook wrenches
for torque bars,
rectangular drive



mm	■ mm	L mm	LA mm		
* 28-36	14x18	122	92	1	006500928
* 40-45	14x18	129	92	1	006500940
* 50-55	14x18	129	92	1	006500950
* 58-62	14x18	135	92	1	006500958
* 68-75	14x18	139	92	1	006500968
* 80-90	14x18	145	92	1	006500980

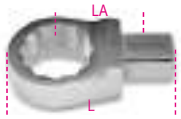
*Caution! Recalculate torque value to set as shown in table at end of price list

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
21	67	32	1	006520021
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
32	74	32	1	006520032

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		
13	14x18	61	39,8	1	006530113
14	14x18	61	39,8	1	006530114
15	14x18	62	39,8	1	006530115
16	14x18	63	39,8	1	006530116
17	14x18	64	39,8	1	006530117
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
* 38	14X18	90	49,8	1	006530138
* 41	14x18	90	49,8	1	006530141

*Caution! Recalculate torque value to set as shown in table at end of price list

654
ring wrenches
for torque bars,
round drive, Ø 22 mm



mm	L mm	LA mm	A mm		
22	98,5	56	38	1	006540022
24	98,5	56	38	1	006540024
27	102,8	56	46,5	1	006540027
30	102,8	56	46,5	1	006540030
32	106,5	56	55	1	006540032
34	106,5	56	55	1	006540034
36	106,5	56	55	1	006540036
41	115,5	56	72	1	006540041
46	115,5	56	72	1	006540046

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



L mm	□ mm	■ mm	LA mm		
* 56	14x18	9x12	39	1	006590815

*Caution! Recalculate torque value to set as shown in table at end of price list

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

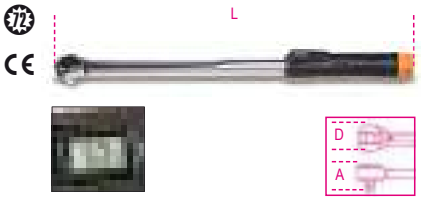


L mm	□ mm	■ mm	LA mm		
* 52	9x12	14x18	31	1	006590816

*Caution! Recalculate torque value to set as shown in table at end of price list

665
mechanical torque wrench with digital setting
and reversible ratchet, for right-hand
tightening, torque accuracy ± 3%

- Auto power off after 10" when torque is set under minimum torque threshold
- Display will remain on with set torque value
- Torque setting to decimal digit
- Power supply: battery 1 3V (included)



UNI EN ISO 6789

Nm	■	D mm	A mm	L mm	g		
10÷60	3/8	30	33	335	655	0,1	
665/6						1	006650006
20÷100	3/8	30	33	375	725	0,1	
665/10						1	006650010
20÷100	1/2	30	37	375	725	0,1	
665/10X						1	006650011
40÷200	1/2	40	43	470	995	0,5	
665/20						1	006650020
60÷330	1/2	40	43	590	1260	0,5	
665/30						1	006650030

665LB

mechanical torque wrench, digital readout, with reversible ratchet, for right-hand tightening, torque accuracy: ± 3%

- Unit of measurement: lbf.ft
- Torque is easy to set and read through value shown on display
- Display remains on with set torque value
- Torque reading to 0.1 mm
- Automatic switch-off after 30 sec. with torque setting under minimum threshold
- Power supply: 1 3V battery (included)







UNI EN ISO 6789

lbf.ft	■	D mm	A mm	L mm	g			
7÷45	3/8	30	33	335	655	0,1	1	006650106
665LB/6								

lbf.ft	■	D mm	A mm	L mm	g			
15÷75	3/8	30	33	375	725	0,1	1	006650110
665LB/10								

lbf-ft	■	D mm	A mm	L mm	g			
15÷75	1/2	30	37	375	725	0,1	1	006650111
665LB/10X								

lbf.ft	■	D mm	A mm	L mm	g			
30÷150	1/2	40	43	470	995	0,5	1	006650120
665LB/20								

lbf.ft	■	D mm	A mm	L mm	g			
45÷240	1/2	40	43	590	1260	0,5	1	006650130
665LB/30								

665SW

calibration device

- Device allows calibration of wrenches item 665 with help of torque meters 680 and 682, without having to dismantle wrench.
- Calibration is performed on several points, to compensate for nonlinear behaviour of spring.
- Fitted with a micro USB port, for firmware updates.



665SW		1	006650100

666-667 ZERO-RESET

THE NEW TORQUE WRENCH THAT DOES NOT REQUIRE RELEASING TENSION.

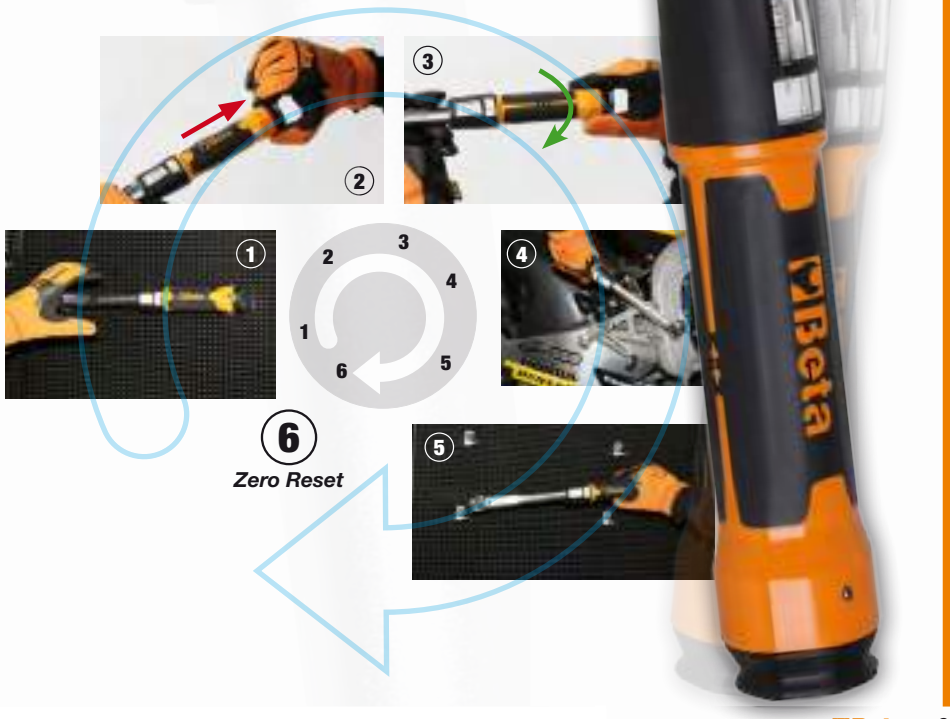
Even if tension is not released, the number of cycles,durability and tightening accuracy as requiredby reference standards are guaranteed.
In order to confirm these parameters, Beta Utensili's Research & Development Department performed numerous durability tests at the in-house laboratories as at hundreds 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.

Based on the new parts, the wrench no longer has to be reset to the minimum value at the end of the operation cycle.



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	
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	
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 LBF.FT

ZERO-RESET click-type torque 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	
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	
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	
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	
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	
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

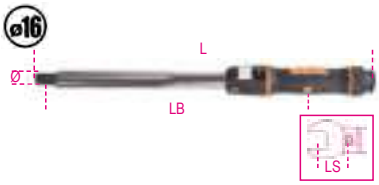
Nm	■	D mm	A mm	L mm	g	
80÷400	3/4	59	53	710	2220	1,0

667/40 1 006670740

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

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



668RG

click-type torque bar, ungraduated,
for right-hand and left-hand tightening
torque accuracy: ± 4%
(to be used with items 680 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
8÷60	0,8÷6	6÷44	16	288	550

668RG/6 — 1 — 006680206

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
20÷100	2÷10	15÷80	16	315	600

668RG/10 — 1 — 006680210

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
40÷200	4÷20	30÷150	16	405	780

668RG/20 — 1 — 006680220

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
60÷300	6÷30	50÷220	16	645	1130

668RG/30 — 1 — 006680230

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.in	■ 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.in	■ mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	335	700

668RGC/10 — 1 — 006680410

Nm	Kgfm	lbf.in	■ 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.in	■ 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



671N/C10 — 1 — 006710110

	668N/10	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

12" ø16



671N/C20	1	006710120



668N/20	200 Nm	
614	■ 1/2	
619	■ 1/2	
642	10-13-14-17-19 mm	
652	10-13-14-17-19 mm	
O 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

12" ø16



671N/C30	1	006710130



668N/30	300 Nm	
614	■ 1/2	
619	■ 1/2	
642	13-14-17-19 mm	
652	13-14-17-19 mm	
O 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

ø22



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

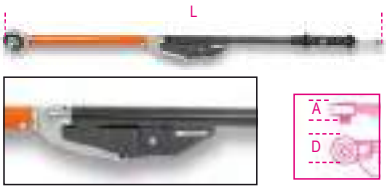
674/C80	1	006740008

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

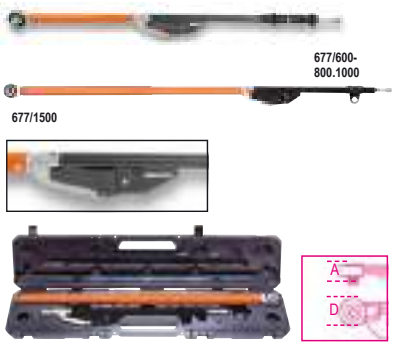
677/800	1	006770008

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

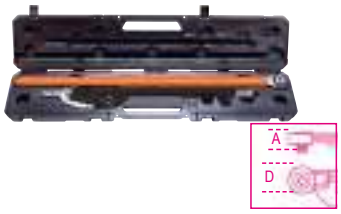
677/C1000	1	006770616

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

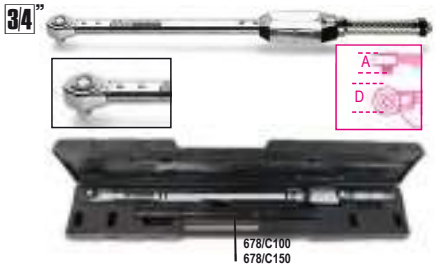
677/CP2000	1	006770721



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.



UNI EN ISO 6789

	Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg			
	130÷650	13÷65	100÷480	63	55	885	3,9	5,0	1	006780607
678/C65										

	Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg			
	300÷1000	30÷100	220÷750	75	60	1250	6,0	10	1	006780611
678/C100										

	Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg			
	500÷1500	50÷150	370÷1100	75	60	1570	8,5	10	1	006780615
678/C150										

677/CV - 678/CV

empty cases for torque wrenches
items 677 and 678

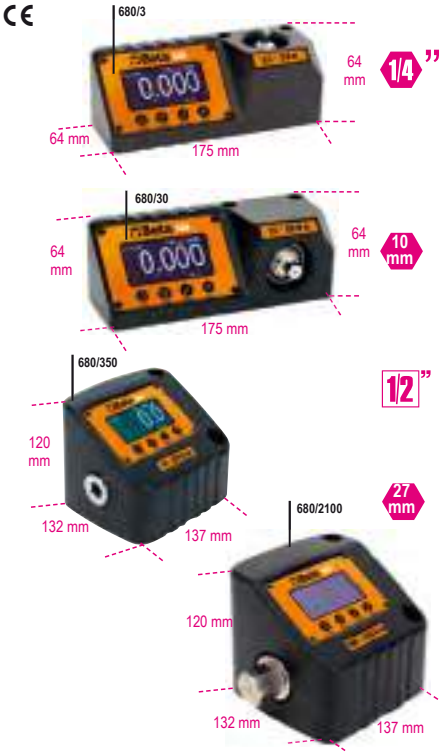


677/CVN1 677/C600-677/C800-677/C1000	1	006770455
677/CVN2 677/C1500-677/CP2000	1	006770460
678/CV1 678/C65	1	006780455
678/CV2 678/C100	1	006780500
678/CV3 677/C100-677/C150-678/C150	1	006780415

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

	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



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

The new **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 **new XZN® profile** is also available; furthermore, the range of accessories for impact sockets has been expanded.



710
impact sockets, standard series

3/8"



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
7	12,5	28	19	3	007100007
8	13,8	28	19	3	007100008
9	15,0	28	19	3	007100009
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
16	23,8	30	22	3	007100016
17	25,0	30	22	3	007100017
18	26,3	30	22	3	007100018
19	27,5	30	22	3	007100019
21	30,0	32	22	3	007100021
22	32,0	32	22	3	007100022

710/C10
10 impact sockets

3/8"



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

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

710/22
impact extension bar, 3/8" male and female square drives

3/8"



L mm	Ø mm		
150	22	2	007100825

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 DIN 3129

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"



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

195x80x55 mm - 1100 g

720/C12
12 impact sockets

1/2"



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

195x80x55 mm - 2000 g

720/C24
24 impact sockets



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

720MC
impact sockets, standard series, coloured



mm	Ø mm	L mm			
10	17,0	38		3	007202010
11	18,5	38		3	007202011
12	20,0	38		3	007202012
13	21,0	38		3	007202013
14	22,5	38		3	007202014
15	23,0	38		3	007202015
16	25,0	38		3	007202016
17	26,0	38		3	007202017
18	27,5	38		3	007202018
19	28,5	38		3	007202019
21	31,0	38		2	007202021
22	32,5	38		2	007202022
24	35,0	38		2	007202024

720MC/C13
13 impact sockets, coloured



720MC/C13 10-11-12-13-14-15 16-17-18-19-21-22 24 mm	1	007202913

335x145x60 mm - 2,4 kg

720B
bi-hex impact sockets



UNI/ISO 2725 DIN 3129

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
15	23	38	30	5	007201015
16	24	38	30	5	007201016
17	26	38	30	5	007201017
18	27	38	30	5	007201018
19	28	38	30	5	007201019
21	30	38	30	5	007201021
22	31,8	38	30	5	007201022
23	31,8	38	30	5	007201023
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
36	49,8	50	30	3	007201036

720B/C12
12 bi-hex impact sockets



UNI/ISO 2725 DIN 3129

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

195x80x55 mm - 2000 g

720AS
impact sockets, standard series



"	Ø mm	L mm	Ø1 mm		
3/8	17,0	38	25	2	007200210
7/16	18,2	38	25	2	007200211
1/2	20,7	38	25	2	007200213
9/16	22,0	38	25	2	007200214
5/8	24,5	38	30	2	007200216
11/16	25,7	38	30	2	007200217
3/4	28,2	38	30	2	007200219
13/16	30,7	38	30	2	007200221
7/8	32,0	38	30	2	007200222
15/16	34,5	38	30	2	007200224
1	35,7	38	30	2	007200225
1.1/16	38,2	40	30	1	007200227
1.1/8	40,7	42	30	1	007200229
1.1/4	44,5	42	30	1	007200232

720S
impact sockets, compact series



mm	Ø mm	L mm	Ø1 mm		
13	20,0	28,0	23,8	3	007200113
15	23,0	28,0	23,8	3	007200115
17	25,8	28,0	25,8	3	007200117
19	27,8	28,0	27,8	3	007200119
22	31,8	28,0	30,0	3	007200122
24	33,8	28,0	30,0	3	007200124



720S/SB6 13-15-17-19-22-24 mm	1	007200906

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

720L/S3
set of 3 impact sockets item 720L



mm		
17-19-21	1	007200355

720LS
impact sockets,
long, slim series



mm	Ø 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
18	25,5	78	29	2	007200368
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

720IC
spare coloured polymeric inserts for impact sockets 720LC-720LCL



mm			
720IC 17	17	1	007200687
720IC 19	19	1	007200689
720IC 21	21	1	007200691
720IC 22	22	1	007200692
720IC 24	24	1	007200694

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
impact torsion bars, coloured,
for motor vehicle wheel nuts,
with 1/2" male and female square drives



Nm	L mm			
90	200		1	007200769
100	200		1	007200770
110	200		1	007200771
120	200		1	007200772
135	200		1	007200773

12"



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

260x50x175 mm - 1,35 kg

720FTX

impact sockets, for Torx® head screws

12"



	Ø mm	L mm	Ø1 mm		
E10	14,0	38	25	2	007200410
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

12"



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

720TX

impact socket drivers for Torx® head screws

12"



	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

12"



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

275x120x65 mm - 5700 g

720ME

impact socket drivers for hexagon screws

12"



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

12"



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

12"



	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

12"



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

275x120x65 mm - 5700 g

720/SN

impact sockets,
articulated series

12"



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

12"



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



L mm	Ø mm		
75	25	3	007200818

720/21
1/2" drive impact extension bar



L mm	Ø mm		
125	25	3	007200822

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



L mm	Ø mm		
250	25	3	007200824



720/25
1/2" drive impact universal joint



L mm	Ø mm		
64	28	2	007200831

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



	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



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

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



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

34"

1"



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

1½"



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

34"



UNI/ISO 2725 DIN 3129

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

34"



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

34"



UNI/ISO 2725 DIN 3129

⬢ 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

34"



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
1.1/2	56,0	57	44	1	007280238
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	Ø 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



728L/S3 30-32-36 mm	1	007280393

728LS
impact sockets, long slim series



mm	Ø 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	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



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



L mm	Ø mm	□	■		
62	44	3/4	1	2	007280813

728/21
3/4" drive impact extension bar



L mm	Ø mm		
175	44	2	007280815

728/22
3/4" drive impact extension bar



L mm	Ø mm		
250	44	2	007280825

728/22L
3/4" drive impact extension bar



L mm	Ø mm		
330	44	1	007280826

728/25
3/4” drive impact universal joint



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 DIN 3129

mm	Ø 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
38	59,0	66	54	1	007290038
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



mm	Ø 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
75	105,0	108	63	1	007290375
80	111,5	108	63	1	007290380

729LS
impact sockets, long slim series



mm	Ø 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



mm	Nm	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
33	600	300	1	007290763
36	600	300	1	007290736

729/15
impact adaptor, 1” female and 3/4” male drives



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



L mm	Ø mm	□	■		
88	54,0	1	1.1/2	1	007290813

729/21
1” drive impact extension bar



L mm	Ø mm		
175	54	1	007290815

729/21L
impact extension bar, 1" male and female square drives



L mm	Ø mm		
250	54	1	007290826

729/22
1” drive impact extension bar



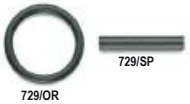
L mm	Ø mm		
330	54	1	007290825

729/25
1” drive impact universal joint



L mm	Ø mm		
130	54	1	007290830

729/OR... - 729/SP...
rubber O-rings and locking pins for impact sockets



	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



UNI/ISO 2725 DIN 3129

mm	Ø 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



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
110	156	200	95	1	007300410
115	160	200	95	1	007300415
120	168	210	95	1	007300420

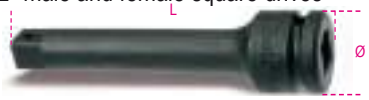
730/15
adaptor



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



L mm	Ø mm		
250	86	1	007300822

730/25
drive impact universal joint, 1.1/2" male and female square drives



L mm	Ø mm		
150	86	1	007300830

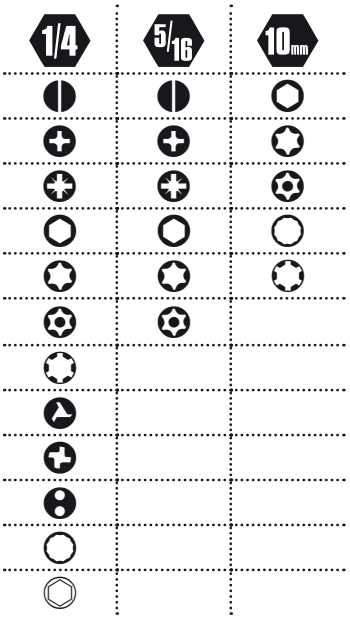
733/15
adaptor



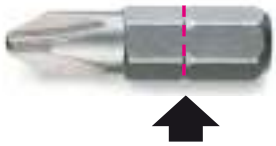
L mm	Ø mm	□	■		
156	127	2.1/2	1.1/2	1	007330810



BITS



ISO 1173-C 6,3



retainer spring seat

ISO 1173-E 6,3



retainer ball slot

851
magnetic bit holder with handle



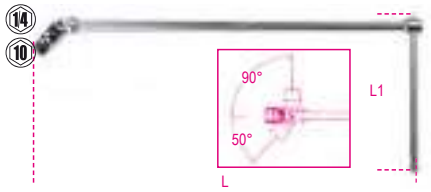
L1 mm	L mm		
45	165	2	008510165
125	245	2	008510245

851SR
quick release bit holder with handle



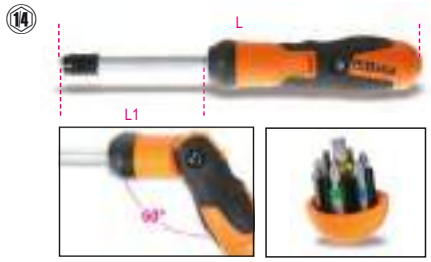
L mm	L1 mm		
230	110	2	008510001

852
bit holder with articulated T handle



⎔	L mm	L1 mm		
1/4"	400	160	2	008520006
10 mm	400	160	2	008520010

855P
reversible ratchet bit holder with articulated handle, and 7 built-in bits



L mm	L1 mm		
240	100	1	008550010



860PH	PH1 - PH2
860PZ	PZ1 - PZ2
860LP	LP 0,8X5,5 mm
860PE	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

860PHZ/A10
set of 10 bits with magnetic bit holder in plastic case



860PHZ/A10	1	008600910



		n.
860PH	PH1	1
	PH2	3
	PH3	1
860PZ	PZ1	1
	PZ2	3
	PZ3	1
882M1	⎔ 1/4 ⬢ 1/4	

860PE/A10

set of 10 bits with magnetic bit holder in plastic case



860PE/A10		1	008600920

			n.
860PE	2 - 2,5 mm		1
	3 - 4 - 5 - 6 mm		2
882M1	⎔ 1/4 ⬢ 1/4		

860TX/A10

set of 10 bits with magnetic bit holder in plastic case



860TX/A10		1	008600970

			n.
860TX	T7 - T8 - T9 - T10 - T15 - T20		1
	T25 - T27 - T30 - T40		
882M1	⎔ 1/4 ⬢ 1/4		

860MIX/A10

set of 10 bits with magnetic bit holder in plastic case



860MIX/A10		1	008600900

			n.
860LP	0,5x3 - 1x5,5 - 1,2x6,5 mm		1
860PH	PH1		1
	PH2		2
	PH3		1
860PZ	PZ1 - PZ2 - PZ3		1
882M1	⎔ 1/4 ⬢ 1/4		



860MIX/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860MIX/A31		1	008600902

860LP	0,5x3 - 0,6x4,5 - 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	

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(x2)-5(x2) mm	
860PH	PH1(x2)-PH2(x2)-PH3	
860PZ	PZ1(x2)-PZ2(x2)-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

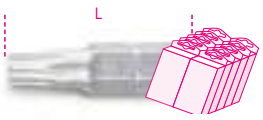


ISO 1173 C 6,3

	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
T8	25	10	008610540
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

861RIBE
bits for RIBE® screws



ISO 1173 C 6,3

	L mm		
M5	25	10	008610705
M6	25	10	008610706
M7	25	10	008610707
M8	25	10	008610708
M9	25	10	008610709

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	185

861XZN
bits for XZN® screws



ISO 1173 C 6,3

	L mm		
M5	25	10	008610725
M6	25	10	008610726
M8	25	10	008610728



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
1,2x8	50	5	008620030
1,6x8	50	5	008620035

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

862PH-XL
bits for cross head Phillips® screws



ISO 2351-2ISO 1173 E 6,3

PH	L mm		
1	100	5	008620250
2	100	5	008620252
3	100	5	008620254

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

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
T9	50	5	008620509
T10	50	5	008620510
T15	50	5	008620515
T20	50	5	008620520
T25	50	5	008620525
T27	50	5	008620527
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

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



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
14	30	10	008660134

866TX
bits for Torx® head screws



ISO 1173 C 8

	L mm		
T20	30	10	008660400
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
T60	30	10	008660440
T70	30	10	008660445

866RTX
bits for Tamper Resistant Torx® head screws



ISO 1173 C 8

	L mm		
T40	30	10	008660520
T45	30	10	008660525
T50	30	10	008660530
T55	30	10	008660535
T60	30	10	008660540
T70	30	10	008660545

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

852



852 1/4	79,116

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
75	1/4	1/4	11	5	008820207

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 9XX/55



- Pressing of hand on ratchet head does not cause reversal and always allows free lever return
- One-handed reversal
- Outstanding mechanical characteristics



Reduced work load, 17 teeth in contact with gear at all times

900

hexagon hand sockets

1/4"



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
3,2	6,6	25	11,8	10	009000032
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"



900/SB13 — 1 009000150
4-4,5-5-5,5-6-7-8-9
10-11-12-13-14 mm

900MC

hexagon hand sockets, coloured

1/4"



mm	L mm	Ø mm	Ø1 mm			
4	24,8	6,7	11,8		5	009002040
5	24,8	8,0	11,8		5	009002050
6	24,8	9,2	11,8		5	009002060
7	24,8	10,7	11,8		5	009002070
8	24,8	11,8	11,8		5	009002080
9	24,8	12,8	12,8		5	009002090
10	24,8	14,8	14,8		5	009002100
11	24,8	15,8	15,8		5	009002110
12	24,8	16,8	16,8		5	009002120
13	24,8	17,8	17,8		5	009002130
14	24,8	19,5	19,5		5	009002140



900MB

bi-hex hand sockets

1/4"



UNI/ISO 2725 DIN 3124

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"



900MB/SB12 — 1 009000179
4-5-5,5-6-7-8-9-10
11-12-13-14 mm

900L

hexagon hand sockets, long series

1/4"



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

1/4"



900L/SB13 — 1 009000203
4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm

900MB/L
bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
5	8,0	50	12,0	3	009000211
6	9,3	50	12,0	3	009000212
7	10,9	50	12,0	3	009000213
8	11,6	50	12,0	3	009000214
9	13,0	50	12,0	3	009000215
10	14,3	50	12,8	3	009000216
11	16,0	50	14,2	3	009000217
12	17,4	50	15,5	3	009000218
13	18,0	50	16,2	3	009000219
14	19,0	50	17,1	3	009000220

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 3/16-7/32-5/32-1/4-9/32-5/16 11/32-3/8-7/16-1/2-9/16	1	009000389

900AS/MB
bi-hex hand sockets



SAE AS 954E

"	Ø mm	L mm	Ø1 mm		
3/16	7,7	22	10,9	2	009000390
7/32	8,5	22	10,9	2	009000391
1/4	9,4	22	10,9	2	009000392
9/32	10,2	22	10,9	2	009000393
5/16	11,3	22	11,7	2	009000394
11/32	12,5	22	12,0	2	009000395
3/8	13,7	22	12,9	2	009000396
7/16	15,6	22	14,3	2	009000397
1/2	17,2	22	16,4	2	009000398
9/16	18,8	24	17,9	2	009000399

900AS/L
hexagon hand sockets, long series



SAE AS 954E

"	Ø mm	L mm	Ø1 mm		
3/16	7,0	50	12,0	2	009000301
7/32	8,5	50	12,0	2	009000303
1/4	9,8	50	12,0	2	009000305
9/32	10,5	50	12,0	2	009000307
5/16	12,0	50	12,0	2	009000309
11/32	13,0	50	13,0	2	009000311
3/8	14,0	50	14,0	2	009000313
7/16	16,0	50	16,0	2	009000315
1/2	17,5	50	17,5	2	009000317
9/16	20,0	50	20,0	2	009000319

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

900U
gear lock hand sockets



mm	"				
4	5/32	E5	M5	5	009001702
4,5	3/16	E6		5	009001703
5	13/64		M6	5	009001704
5,5	7/32	E7		5	009001705
6	1/4	E8	M8	5	009001706
7	9/32			5	009001707
8	5/16	E10	M10	5	009001708
9	11/32			5	009001709
10	3/8	E12	M12	5	009001710
11	7/16	E14	M14	5	009001711
12	15/32	E16		5	009001712
13	1/2		M16	5	009001713
14	9/16	E18	M18	5	009001714



900U/SB13 4-4,5-5-5,5-6-7-8-9 10-11-12-13-14 mm	1	009001750

900FTX
hand sockets for Torx® head screws

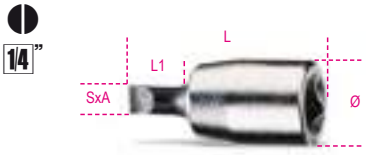


	Ø mm	L mm	Ø1 mm		
E4	5,4	22	11,2	5	009000404
E5	6,7	22	11,2	5	009000405
E6	7,7	22	11,2	5	009000406
E7	8,3	22	11,2	5	009000407
E8	9,6	22	11,2	5	009000408
E10	11,3	22	12,0	5	009000410
E11	12,1	22	12,5	5	009000411
E12	12,9	23	12,9	5	009000412
E14	14,0	25	14,0	5	009000414



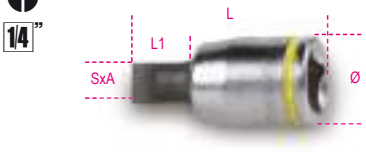
900FTX/SB9 E4-E5-E6-E7-E8 E10-E11-E12-E14	1	009000419

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

900MC/LP
socket drivers
for slotted head screws, coloured



SxA mm	Ø mm	L mm	L1 mm			
0,8x4	12	28	9		3	009002605
1,2x6,5	12	28	9		3	009002615
1,2x8	13	28	8		3	009002620

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 PH1-PH2-PH3-PH4	1	009000708

900MC/PH
socket drivers
for cross head Phillips® screws, coloured



PH	Ø mm	L mm	L1 mm			
1	12	28	12		3	009002701
2	12	28	12		3	009002702
3	12	28	12		3	009002703

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 2,5-3-4-5-6-7-8-10 mm	1	009000518

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		
PT10	12	28	12	5	009000750
PT15	12	28	12	5	009000755
PT20	12	28	12	5	009000760
PT25	12	28	12	5	009000765
PT27	12	28	12	5	009000767
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

900MC/TX
socket drivers
for Torx® head screws, coloured



	Ø mm	L mm	L1 mm			
T10	12	28	12		3	009002721
T15	12	28	12		3	009002722
T20	12	28	12		3	009002723
T25	12	28	12		3	009002724
T27	12	28	12		3	009002725
T30	12	28	12		3	009002726
T40	12	28	12		3	009002727

900/16
adaptor, 1/4" female and 3/8" male drives

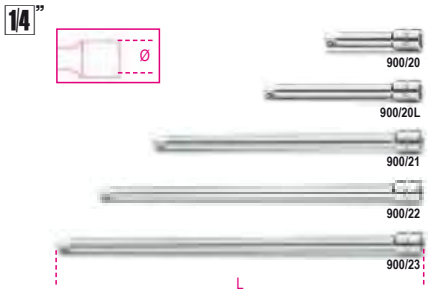


UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
28	13,0	1/4	3/8	5	009000814

900/...

1/4” female and male drive extension bars

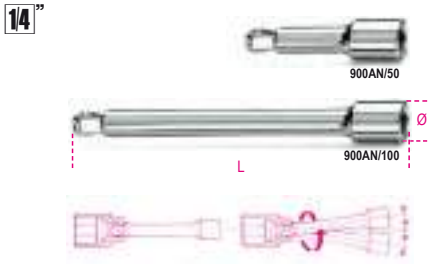


UNI/ISO 3316 DIN 3123

	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/30C

1/4” drive spinner handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
128	20	5	009000833

900BG/30

1/4” drive spinner handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
176	68	5	009000834

900/32

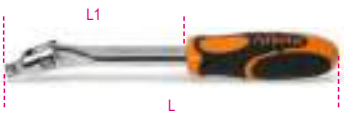
1/4” drive flexible handle



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

900M/35

1/4” swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L mm		
130	3	009000845



900/40

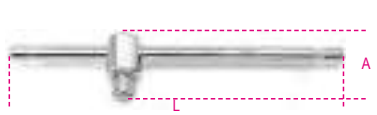
1/4” drive swivel T-handle



L mm	L1 mm		
390	145	3	009000843

900/42

1/4” drive sliding T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm		
115	22	5	009000854

900T/44

1/4" male drive, bent, with high torque handle



L mm	L1 mm		
238	105	2	009000860

900/55

1/4” drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

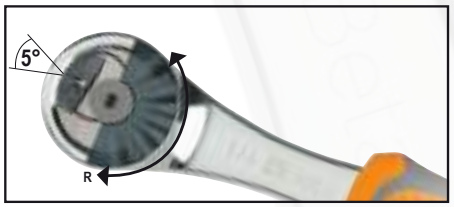
L mm	Ø mm	A mm		
125	25	29	5	009000870

900/55Z



Ratchet 900/55Z was developed by Beta's Technical Department with a new 72-tooth mechanism, 15 teeth being in contact with the gear at all times.

Therefore, the work load is distributed over a large number of teeth, thereby resulting in reduced wear of the individual parts and in an extremely long work life.



In addition, the 72 teeth ensure a take-up angle of no more than 5° and an extremely compact head, thereby providing quick access to smaller spaces as well.

Beta's ergonomic bi-material handle allows both quick use of the ratchet and the application of increased force.

900/55Z

1/4" drive reversible ratchet, 72 tooth mechanism



L mm	Ø mm	A mm	
126	25	23	3 009000882

900M/55

1/4" drive reversible ratchet with metal handle



UNI/ISO 3315
DIN 3122

L mm	Ø mm	A mm	
110	22	18	3 009000905

Spare parts
rotating mechanism of ratchets, see table after item 929/C8

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**



L mm	Ø mm	A mm	
126	28	28,5	2 009000884

900/C39N

11 hexagon sockets, 21 bits and 7 accessories



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/30C	128 mm
892/0	
895/1	
900/55Z	126 mm

900/C39U

11 gear lock sockets, 21 bits and 7 accessories



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 " 3/16-13/64-7/32-1/4-9/32-5/16 11/32-3/8-7/16-15/32-1/2-9/16 ◎ E6-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/30C	128 mm
892/0	
895/1	
900/55Z	126 mm

900/C11

11 hexagon sockets, 20 bits and 8 accessories



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/30	176 mm
900/42	
900/55	

270x120x45 mm - 1,2 kg

9899 900C11 — 1 098990132
Thermoformed tray, empty

900/C11Z

11 hexagon sockets,
20 bits and 8 accessories



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/30	176 mm
900/42	
900/55Z	

350x150x50 mm - 1,2 kg

9899 900C11 — 1 098990132
Thermoformed tray, empty

900/C12MR

12 hexagon sockets, 20 bits and 7 accessories
in foam tray,
in metal case



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/30	128 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



900/C12MZ — 1 009000983

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/30	176 mm
900/55Z	
895/1	
861TX	T8-T10-T15-T20-T25-T30-T40
861PH	PH0-PH1-PH2-PH3
861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
861PE	3-4-5-6-8 mm

350x150x50 mm - 1,2 kg

900/C13-5

13 hexagon sockets and 5 accessories



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/30	
900/42	
900/55	

270x120x45 mm - 1 kg

9899 900/C13-5 — 1 098990131
Thermoformed tray, empty

900/C13-8

13 hexagon sockets and 8 accessories



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/30	
900/35A	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900MB/C19

11 bi-hex sockets and 8 accessories



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/30	
900/35A	
900/42	
900/55	

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/30	
	900/42	
	900/55	

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/30	
	900/42	
	900/55	

270x120x45 mm - 1,1 kg

900MC/C24

11 hexagon sockets, 13 coloured socket drivers and 6 accessories

1/4"



900MC/C24 — 1 — 009002960

	900MC	4 - 5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	900MC/PH	PH1 - PH2 - PH3
	900MC/TX	T10 - T15- T20 - T25 - T27 - T30 - T40
	900MC/LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	900/55	

270x120x45 mm - 1 kg

900MC/C32

11 coloured sockets, 20 coloured bits and 7 accessories

1/4"



900MC/C32 — 1 — 009002963

	900MC	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
	860LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	860PH	0 - 1 - 2 - 3
	860PE	3 - 4 - 5 - 6 - 8 mm
	860TX	T8 - T10 - T15 - T20 -T25 - T30 - T40
	895/1	
	900/20	
	900/21	
	900/25	
	900BG/30	
	900/42	
	900/55	

270x120x45 mm - 1,2 kg

900U/C12M

12 gear lock hand sockets, 20 bits and 7 accessories, in soft foam tray

1/4"

1/4"



900U/C12M — 1 — 009001792

	900U	**4-5-5,5-6-7-8-9-10-11-12-13-14 mm** " 5/32-3/16-13/64-7/32-1/4-9/32-5/16 11/32-3/8-7/16-15/32-1/2-9/16 **E5-E6-E7-E8-E10-E12-E14-E16-E18** M5-M6-M8-M10-M12-M14-M16-M18
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	115 mm
	900BG/30	176 mm
	900/55	125 mm
	895/1	1/4 - 1/4
	861LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	861PE	3-4-5-6-8 mm
	861PH	PH0-PH1-PH2-PH3
	861TX	T8-T10-T15-T20-T25-T30-T40

350x150x50 mm - 1,2 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/30	
900/35A	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900AS/MB-C17 — 1 009000981

900AS/MB	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/30	
900/35A	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900AS/C17-MBM
10 bi-hex sockets
and 7 accessories
for aeronautical maintenance

1/4"



900AS/C17-MBM — 1 009000982

900AS/MB	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/30	
900M/35	
900/42	
900M/55	

270x120x45 mm - 1,2 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/30	
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

1/4"
1/2"



902A/C22 — 1 009020807

900	5-5,5-6-7-8-9-10-11-12-13 mm
900/20	50 mm
900/25	
1/4" 900/55	
920A	10-13-14-15-17-18-19 22-24-27-30-32 mm
920/21	125 mm
920/25	
1/2" 920/55	

420x185x60 mm - 3,5 kg

9899 902A/C22 — 1 098990133
Thermoformed tray, empty

910A
hexagon hand sockets

3/8"



UNI/ISO 2725 DIN 3124

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"



910A/SB17 — 1 009100030
6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21-22 mm

910B
bi-hex hand sockets

3/8"



UNI/ISO 2725 DIN 3124

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"



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 DIN 3124

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



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 DIN 3124

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

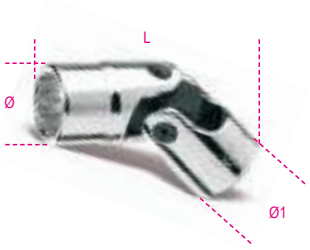
3/8"



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		
10	14,5	48,5	19	2	009100230
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
16	22,0	53,5	19	2	009100236
17	23,3	54,5	19	2	009100237
18	24,5	54,5	19	2	009100238
19	25,8	56,5	19	2	009100239

910A/AS
hexagon hand sockets

3/8"



"	Ø mm	L mm	Ø1 mm		
1/4	10,3	26	17,3	5	009100276
5/16	11,9	26	17,3	5	009100278
11/32	13,3	26	17,3	5	009100279
3/8	13,9	26	17,3	5	009100280
7/16	15,8	26	17,3	5	009100281
1/2	17,9	26	17,3	5	009100283
9/16	19,5	27	18,5	5	009100284
19/32	20,6	27	19,5	5	009100285
5/8	21,9	28	20,0	5	009100286
11/16	24,6	30	22,5	5	009100287
3/4	25,9	30	23,5	5	009100289
13/16	27,9	32	26,0	5	009100291
7/8	29,6	32	26,5	5	009100292

3/8"



910A-AS/SB13 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	1	009100295

910AS
bi-hex hand sockets

3/8"



"	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

3/8"



910AS/SB13 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	1	009100215

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
* 7/16	15,8	51,0	19	2	009100261
* 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
E18	19,5	26	18,5	3	009100418
E20	21,9	26	20,0	3	009100420



910FTX/SB9 — 1 009100430
E4-E5-E6-E7-E8
E10-E12-14-E16

910FTX/L
hand sockets for Torx® head screws, long series



	Ø mm	L mm	Ø1 mm		
E4	6,2	55	17,3	3	009100440
E5	7,0	55	17,3	3	009100441
E6	8,3	55	17,3	3	009100442
E7	8,9	55	17,3	3	009100443
E8	9,9	55	17,3	3	009100444
E10	12,0	55	17,3	3	009100445



910FTX-L/SB6 — 1 009100449
E4-E5-E6
E7-E8-E10

910FTX/XL
hexagon hand sockets for Torx® head screws, extra-long series



	Ø mm	L mm	Ø1 mm		
E6	8,0	200	18	2	009100766
E7	8,0	200	18	2	009100767
E8	10,0	200	18	2	009100768
E10	14,0	200	18	2	009100770
E11	14,0	200	18	2	009100771
E12	14,0	200	18	2	009100772
E14	17,0	200	18	2	009100774
E16	18,6	200	18	2	009100776
E18	21,5	200	18	2	009100778
E20	21,5	200	18	2	009100780

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
7	18	62	15	5	009100507
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

1/4"

3/8"



910PT/SB8 1 009100558
PT10-PT15-PT20-PT25
PT30-PT40-PT45-PT50

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

910XZN
socket drivers
with XZN® profile

3/8"



	L mm		
M4	50	3	009100559
M5	50	3	009100560
M6	50	3	009100561
M8	50	3	009100563
M10	50	3	009100565

910CF
3/8" square drive crowfoot wrenches

3/8"



mm	A mm	L mm		
10	21,3	32,3	2	009100135
11	23,1	34,3	2	009100136
12	25,5	36,2	2	009100137
13	26,9	37,4	2	009100138
14	30,2	40,0	2	009100139
15	33,3	41,3	2	009100140
16	33,3	41,3	2	009100141
17	38,1	46,5	2	009100142
18	38,1	46,5	2	009100143
19	39,6	48,0	2	009100144

3/8"



910CF/SB10 1 009100147
10-11-12-13-14-15
16-17-18-19 mm

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.

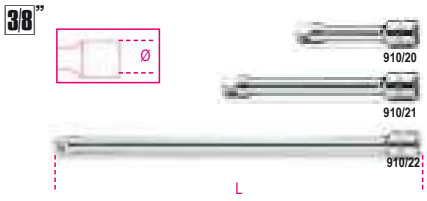
910/16
adaptor, 3/8” female
and 1/2” male drives



UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
32	18,0	3/8	1/2	5	009100814

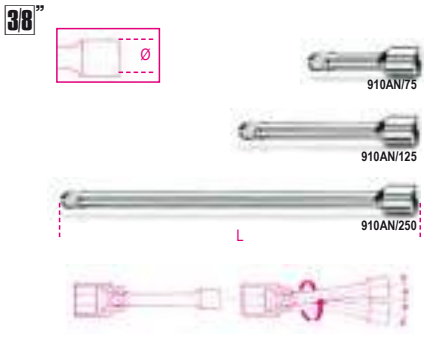
910/20 - 910/21 - 910/22
3/8” drive extension bars



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



	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



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
54,6	19	5	009100830

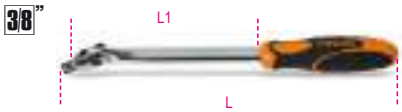
910M/35
3/8” swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L mm		
250	3	009100839

910/36A
3/8” drive swivel handle



UNI/ISO 3315 DIN 3122

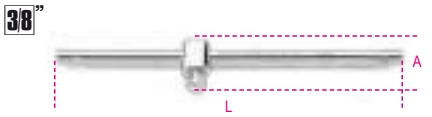
L mm	L1 mm		
255	154	3	009100845

910/40
3/8” drive swivel T-handle



L mm	L1 mm		
420	175	3	009100850

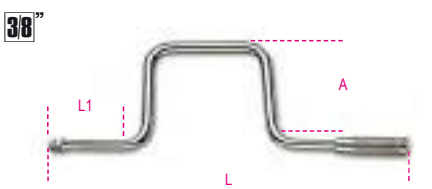
910/42
3/8” drive sliding T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm		
210	30,5	5	009100854

910/46
3/8” square drive with speed brace



UNI/ISO 3315 DIN 3122

L mm	L1 mm	A mm		
315	80	115	1	009100862

910/55
3/8” drive reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
200	30	33	3	009100882

910/55Q
3/8” drive reversible ratchet 48 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
200	30	33	3	009100885

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

910M/55
3/8” drive reversible ratchet
with metal handle



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

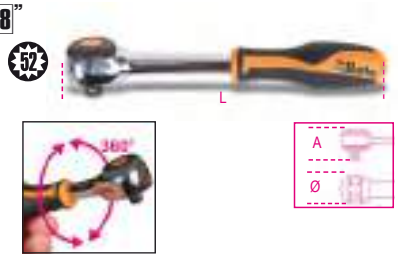


L mm	Ø mm	A mm		
265	31	29	2	009100887

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**



L mm	Ø mm	A mm		
222	37	38,5	1	009100884

910.../C10

10 sockets and 2 accessories



910A/C10 — 1 009100909

910A	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55	

270x120x45 mm - 1,3 kg

910B/C10 — 1 009100910

910B	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55	

270x120x45 mm - 1,3 kg

910A/C16...

16 hexagon sockets and 5 accessories



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	
910/55	

335x145x60 mm - 2,3 kg

9899 910C16 — 1 098990134

Thermoformed tray, empty

910A/C16Q — 1 009100932

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	
910/55Q	

335x145x60 mm - 2,3 kg

9899 910C16 — 1 098990134

Thermoformed tray, empty

910B/C16...

16 bi-hex sockets and 5 accessories



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	
910/55	

335x145x60 mm - 2,3 kg

9899 910C16 — 1 098990134

Thermoformed tray, empty

910B/C16Q — 1 009100933

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	
910/55Q	

335x145x60 mm - 2,3 kg

9899 910C16 — 1 098990134

Thermoformed tray, empty

910A/C17

17 hexagon sockets and 9 accessories



910A/C17 — 1 009100938

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	
910/36A	
910/42	
910/46	
910/55	

420x280x60 mm - 4,0 kg



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	
910/55	

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	
910/55	

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	
910/55	

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 DIN 3124

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"



920A/SB8 — 1 — 009200042
23-24-25-26-27-28-30-32 mm

920MC
hexagon hand sockets, coloured



mm	Ø mm	L mm	Ø1 mm			
8	13,2	38	22		5	009202008
10	15,3	38	22		5	009202010
11	16,5	38	22		5	009202011
12	17,8	38	22		5	009202012
13	19,0	38	22		5	009202013
14	20,3	38	22		5	009202014
15	21,6	38	22		5	009202015
16	23,0	38	23		5	009202016
17	23,9	38	24		5	009202017
18	25,0	38	25		5	009202018
19	26,5	38	24		5	009202019
21	28,8	38	27		3	009202021
22	29,9	40	28		3	009202022
24	32,8	40	30		3	009202024

920B
bi-hex hand sockets



UNI/ISO 2725 DIN 3124

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



920B/SB13 — 1 009200140
10-11-12-13-14-15-16
17-18-19-20-21-22 mm



920B/SB8 — 1 009200142
23-24-25-26-27
28-30-32 mm

920AL
hexagon hand sockets, long series



UNI/ISO 2725 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



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 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
23	31,5	77	29	5	009200323
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



920BL/SB11 — 1 009200338
10-12-13-14-15-16-17-18
19-21-22 mm

920A/AS
hexagon hand sockets



"	Ø mm	L mm	Ø1 mm		
3/8	14,6	37	21	2	009200270
7/16	16,5	37	21	3	009200272
1/2	19,0	37	22	3	009200273
9/16	20,3	37	22	3	009200274
19/32	21,0	37	22	3	009200275
5/8	22,8	37	22	3	009200276
11/16	25,0	37	24	3	009200277
3/4	26,5	38	25	3	009200279
25/32	28,0	38	26	3	009200280
13/16	29,0	38	27	3	009200281
7/8	30,0	40	28	3	009200282
15/16	32,8	42	30	3	009200284
1	35,0	42	32	3	009200285
1.1/16	36,5	43	33	2	009200287
1.1/8	39,0	43	35	2	009200289
1.3/16	41,0	46	36	2	009200290
1.1/4	42,8	46	38	2	009200292



920A-AS/SB11 — 1 009200295
3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

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



920U/SB13 — 1 009201740
10-11-12-13-14-15-16
17-18-19-20-21-22 mm



920U/SB4 — 1 009201744
24-27-30-32 mm

920FTX
hand sockets for Torx® head screws



	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



920FTX/SB6 — 1 009200390
E10-E12-E14
E16-E18-E20



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



	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



920FTX-LSB6 — 1 009200409
E10-E12-E14
E16-E18-E20

920LP
socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	22,5	62	24	3	009200452
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



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



920PH/SB4 — 1 009200479
PH1-PH2-PH3-PH4

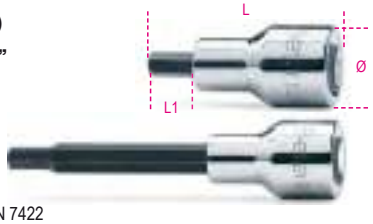
920LH/SB7
socket drivers for cross head Phillips® screws



920LH/SB7 — 1 009200478

920LP	1,2x6,5 - 1,2x8 1,6x9 - 2x12 mm
920PH	PH2 - PH3 - PH4

920PE
socket drivers for hexagon screws



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



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

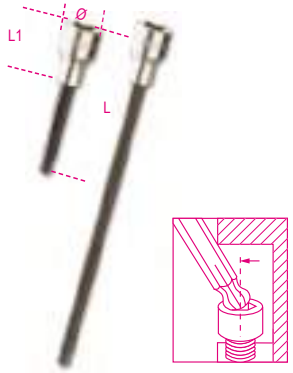


"	Ø mm	L mm	L1 mm		
1/8	22,5	58	20	2	009200460
3/16	22,5	58	20	2	009200461
1/4	22,5	58	20	2	009200463
3/8	22,5	58	20	2	009200464
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468



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



	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

12"



	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

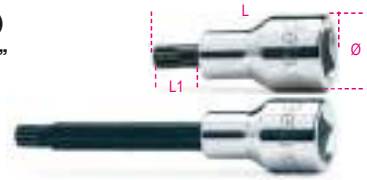
12"



920RTX/SB5 — 1 009200378
T20-T25-T27-T30-T40

920XZN
socket drivers with XZN® profile

12"



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

12"



920XZN/SB7 — 1 009200579
M4-M5-M6-M8
M10-M12-M14

12"



920XZN/SB12 — 1 009200577
M5-M6-M8-M10-M12
M14-M16-M6L-M8L
M10L-M12L-M14L

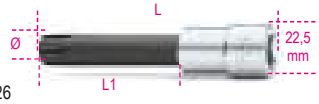
12"



920XZN-L/S5 — 1 009200578
M6L-M8L-M10L
M12L-M14L

920ES
special form socket drivers

12"
UNI 9326



Ø mm		L mm	L1 mm		
7	(6R)	58	20	5	009200587
7XL	(6R)	240	202	1	009200607
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
12XL	(10S)	240	202	1	009200612
14L	(12S)	100	62	3	009200594
14XL	(12S)	240	202	1	009200614
16L	(14R)	100	62	3	009200596
16XL	(14R)	240	202	1	009200616

12"



920ES/SB7 — 1 009200598
7-9-10-11-12L-14L-16L

12"



920ES-XL/SB7 — 1 009200618
7XL-9XL-10XL-11XL
12XL-14XL-16XL

PM 1/2-Q5



PM 1/2-Q5 — 72,560

920/15
adaptor, 1/2" female
and 3/8" male drives

12"



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

12"

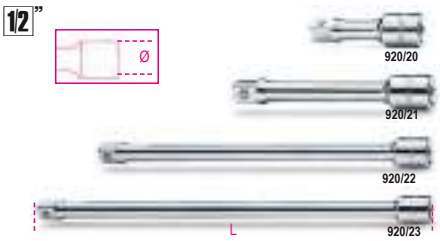


UNI/ISO 3316 DIN 3123

L mm	□	■	Ø mm		
46	1/2	3/4	26	5	009200814

920/20÷920/23
1/2" drive extension bars

12"

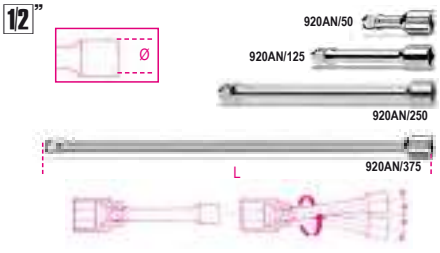


UNI/ISO 3316 DIN 3123

	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

12"



	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

920/35A
1/2” drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
285	160	3	009200846

920M/35
1/2” swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L mm		
380	2	009200845

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

920/38
1/2" extension drive swivel handle



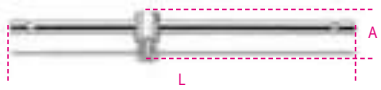
L mm	L max mm		
262	402	1	009200839

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

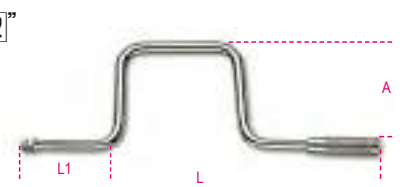
920/44
1/2” drive offset handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
230	60	3	009200858

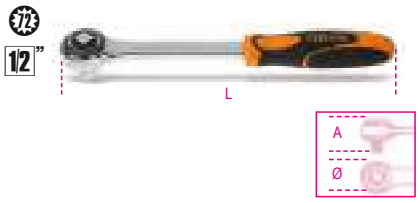
920/46
1/2” drive with speed brace



UNI/ISO 3315 DIN 3122

L mm	L1 mm	A mm		
385	110	160	1	009200862

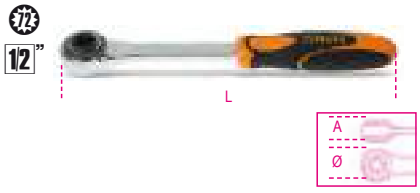
920/50
1/2” push-through drive ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	42	3	009200871

920/50F
1/2” female square drive ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	27	2	009200889

920/55
1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	43	3	009200882

920/55Q
1/2” drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	43	3	009200885

920/55X
1/2” drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
200	30	33	3	009200895

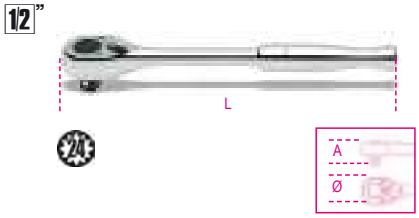
920/55LC
1/2” drive reversible ratchet
“Locking System”, 72 teeth



UNI/ISO 3315 DIN 3122

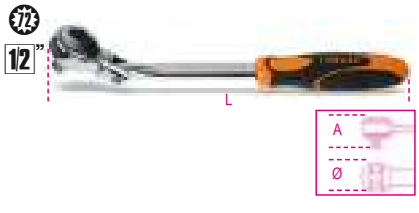
L mm	Ø mm	A mm		
275	40	43	2	009200896

920M/55
1/2”drive reversible ratchet
with metal handle



L mm	Ø mm	A mm		
253	38	35	1	009200893

920/56A
1/2” drive swivel reversible ratchet,
72 teeth



L mm	Ø mm	A mm		
315	40	43	1	009200911

920M/56
1/2” drive reversible swivel ratchet
with metal handle



L mm	Ø mm	A mm		
330	38	35,7	2	009200894

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**



L mm	Ø mm	A mm		
281	42,5	45	1	009200926

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8



920.../C11
11 sockets and 2 accessories



920A/C11 — 1 009200921

920A	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22	255 mm
920/50	

335x145x60 mm - 2,5 kg

920B/C11 — 1 009200922

920B	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22	255 mm
920/50	

335x145x60 mm - 2,5 kg

920.../C12...
12 sockets and 5 accessories



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	
920/55	

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	
920/50	

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	
920/55	

420x185x60 mm - 4,0 kg

9899 920C12 1 098990116
Thermoformed tray, empty

920B/C12 1 009200932

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	
920/50	

420x185x60 mm - 4,0 kg

9899 920C12 1 098990116
Thermoformed tray, empty

920MC/C14

14 coloured hexagon hand sockets and 5 accessories

1/2"



920MC/C14 1 009202964

920MC	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x185x60 mm - 4,2 kg



920.../C20...

20 sockets and 5 accessories

1/2"



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	
920/55	

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	
920/50	

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	
920/55Q	

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	
920/50	

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	
920/55	

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	
920/50	

420x280x60 mm - 6,5 kg

920A/C21X 1 009200983

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	
920/55	

420x280x60 mm - 6,4 kg

920B/C21 1 009200953

920B	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	
920/50	

420x280x60 mm - 6,4 kg

920B/C21X — 1 — 009200984

920B	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	
920/55	

420x280x60 mm - 6,4 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	
920/55Q	

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	
920/55	

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	
920/55	

420x280x60 mm - 6,7 kg

920A/C17M - 920A/C17MR

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
920/55	

420x185x60 mm - 5 kg

9899 920C17 — 1 — 098990137
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	
920/55	

420x280x60 mm - 7,5 kg

920AS/C10
10 bi-hex sockets and 2 accessories

1/2"



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	
920/50		

335x145x60 mm - 2,6 kg

920AS/C15
15 bi-hex sockets and 6 accessories

1/2"



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		
920/50		

420x280x60 mm - 5,9 kg



920AS/C17X
17 bi-hex sockets and 5 accessories

1/2"



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		
920/55		

420x185x60 mm - 4,8 kg

920AS/MBM-C21
16 bi-hex sockets and 5 accessories for aeronautical maintenance

1/2"



920AS/MBM-C21	1	009200944

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 - 1.3/16 - 1.1/4	
920M/55		
920/21	125 mm	
920/22	255 mm	
920/25		
920/42		

420x185x60 mm - 5,0 kg

920TX/C17
6 bits , 6 sockets, 5 socket drivers and 4 accessories for Torx® head screws

1/2"



920TX/C17	1	009200989

861TX	T8 - T10 - T15 - T20 - T25 - T27	
897		
920TX	T27 - T30 - T40 - T45 - T50	
920FTX	E10 - E12 - E14 - E16 - E18 - E20	
920/20	75 mm	
920/22	255 mm	
920/55		

420x185x60 mm - 2,9 kg

920A/C17HR
17 hexagon sockets and 5 accessories in hard foam tray, in metal case

- **ratchet with rotating handle**

1/2"



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

920U/C17M

17 gear lock hand sockets
and 5 accessories,
in soft foam tray

12"



920U/C17M			1	009201797
	920U	○ **10-11-12-13-14-15-16-17-18-19-20 21-22-24-27-30-32 mm** " 3/8-7/16-15/32-1/2-9/16-19/32-5/8-3/4 25/32-7/8-15/16-1.1/16-1.1/8-1.1/4 ○ **M12-M14-M16-M18** ◎ E12-E14-E16-E18-E20-E22-E24		
	920/21	125 mm		
	920/22	255 mm		
	920/25			
	920/42	305 mm		
	920/55	275 mm		

420x185x60 mm - 5 kg

9899 920C17 Soft module, empty		1	098990137

928A

hexagon hand sockets

34"



UNI/ISO 2725
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

34"



UNI/ISO 2725
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

34"

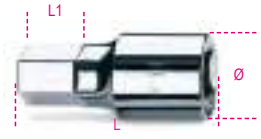


"	Ø mm	L mm	Ø1 mm		
7/8	32,0	53	34	1	009280202
15/16	34,5	53	34	1	009280203
1	36,2	55	35	1	009280204
1.1/16	38,0	56	35	1	009280205
1.1/8	40,2	58	35	1	009280206
1.1/4	44,2	60	37	1	009280208
1.5/16	45,8	60	37	1	009280209
1.3/8	48,1	62	38	1	009280210
1.7/16	49,5	64	38	1	009280211
1.1/2	52,0	68	40	1	009280212
1.5/8	56,0	71	40	1	009280214
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

34"



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

34"



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

34"



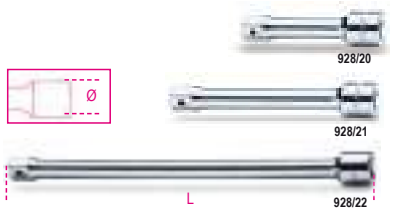
UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■		
65	34	3/4	1"	5	009280807

928/20 - 928/21 - 928/22

3/4" drive extension bars

34"



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

34"



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
108	40	1	009280830

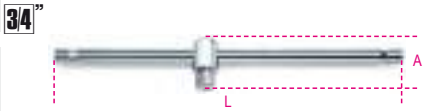
928/36A
3/4” drive swivel handle



DIN 3122 - UNI ISO 3315

L mm		
545	1	009280844

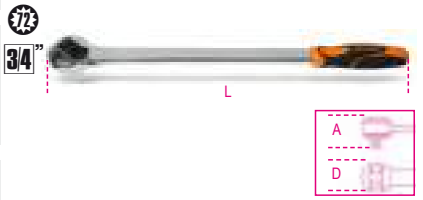
928/42
3/4” drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm		
450	62,5	3	009280850

928/55
3/4" drive reversible ratchet, 72 teeth



DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm		
510	58	59	2	009280862

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

928.../C12
assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



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		
72 928/55		

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		
72 928/55		

530x220x80 mm - 13,5 kg

928AS/C12
assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



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		
72 928/55		

530x220x80 mm - 13,5 kg

929
hexagon hand sockets



UNI/ISO 2725 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



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



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



UNI/ISO 3315 DIN 3122

L mm		
535	1	009290850

929/55
1" reversible ratchet 72 teeth



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
583/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

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
720/C24-450/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

900/R55
1/4" (48)



900/R55 — 1 009000871
666N/2-900/55-666/2-666LBF.FT/2

900/R55-Z
1/4" (72)



900/R55-Z — 1 009000872

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/10-910/55-666/5
666HS/5-666HS/10-666 LBF.FT/5-666 LBF.FT/10

910M/R55
3/8"



910M/R55 — 1 009100888
910M/55-910M/56

910/R55Q
3/8" (48)



910/R55Q — 1 009100877
910/55Q

910/R55X
3/8" (48)



910/R55X — 1 009100897
666N/2X-666/2X-666 LBF.FT/2X

920/R50
1/2" (72)



920/R50 — 1 009200866
614/50-667/20-667/30
667N/20-667N/30-920/50

920/R55
1/2" (72)



920/R55 — 1 009200879
606/20-606/30-666/20-666/30-920/55
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

920M/R55
1/2"



920M/R55 — 1 009200888
920M/55-920M/56

920/R55Q
1/2" (48)



920/R55Q — 1 009200877
920/55Q

920/R55X

12"



920/R55X 1 009200878
606/10X-612X
666/10X-920/55X-599DGT/10X-599DGT-AN/10
665/10X-665LB/10X-666N10X-666N LBF.IN/10X
668RGC/10X-666 LBF.FT/10X
666HS/20LC-666HS/30LC

920/R55LC

12"



920/R55LC 1 009200887
920/55LC "Locking System"
666HS/20LC-666HS/30LC

928/R55

3/4"



928/R55 1 009280859
928/55

928/R55X

3/4"



928/R55X 1 009280858
614X

929/R55

1"



929/R55 1 009290859
929/55

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
21x23	163	29,0	31,5	2	009300040
24x26	173	33,0	35,5	2	009300044
25x28	182	34,5	38,0	2	009300048
27x29	191	37,0	39,5	2	009300052
30x32	200	40,5	43,0	2	009300056



930/S8 1 009300081
6x7-8x9-10x11 -12x13-14x15
16x17-18x19-20x22 mm
940/1 - /2

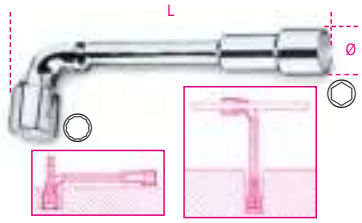
930/S13 1 009300083
6x7-8x9-10x11-12x13-14x15-16x17
18x19 -20x22-21x23-24x26
25x28-27x29-30x32 mm
940/1 - /2 - /3



930/C13 1 009300098
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-27x29-30x32 mm
940/1 - /2 - /3

932

double ended hexagon / bi-hex offset socket wrenches, bright chrome-plated



NF E 74.303

mm	Ø mm	L mm		
6x6	11,5	110	5	009320006
7x7	12,5	116	5	009320007
8x8	13,0	120	5	009320008
9x9	14,0	125	5	009320009
10x10	16,5	133	5	009320010
11x11	17,5	143	5	009320011
12x12	19,0	148	5	009320012
13x13	19,5	154	5	009320013
14x14	21,5	167	5	009320014
15x15	22,5	182	5	009320015
16x16	24,5	193	5	009320016
17x17	26,0	198	5	009320017
18x18	26,5	215	5	009320018
19x19	29,0	220	5	009320019
20x20	30,5	222	3	009320020
21x21	30,5	236	3	009320021
22x22	32,5	250	2	009320022
23x23	33,5	256	2	009320023
24x24	35,0	272	2	009320024
25x25	36,5	282	2	009320025
26x26	37,5	296	2	009320026
27x27	39,0	296	2	009320027
28x28	39,0	314	2	009320028
30x30	42,5	348	2	009320030
32x32	45,5	364	2	009320032



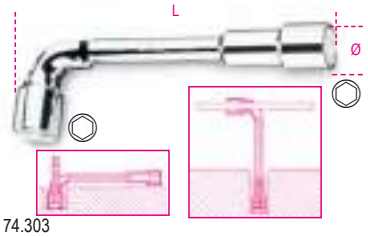
932/S11 1 009320080
6-7-8-10-11-12
13-14-17-19-22 mm

932/S17 1 009320081
6-7-8-9-10-11-12 13-14-15
16-17-18-19-20-21-22 mm

932/S25 1 009320082
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

933

double ended offset hexagon socket wrenches, bright chrome-plated



NF E 74.303

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 1 009330080
6-7-8-10-11-12-13-14-17-19-22 mm

933/S17 1 009330081
6-7-8-9-10-11-12-13-14-15-16-17
18-19-20-21-22 mm

933/S25 1 009330082
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

935
double ended hexagon tubular socket wrenches, light series



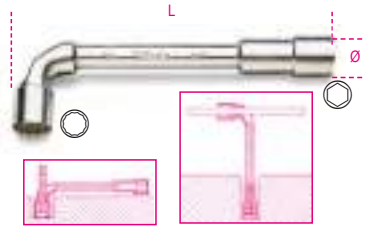
UNI 6746 DIN 896

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



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
32x32	45,5	364	2	009370032



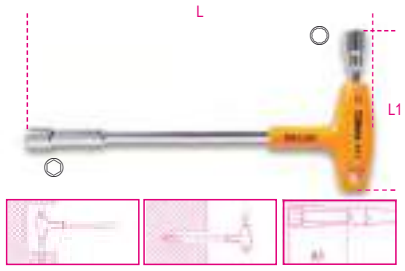
937/S11 6-7-8-10-11-12 -13-14-17-19-22 mm	1	009370080
937/S17 6-7-8-9-10-11-12 -13-14-15-16-17 18-19-20-21-22 mm	1	009370081

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



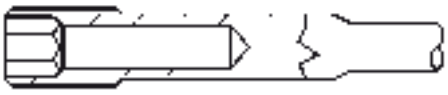
mm	L mm	L1 mm	A1 mm		
7x7	200	91	35	2	009410107
8x8	220	107	50	2	009410108
9x9	220	109	50	2	009410109
10x10	236	111	50	2	009410110
11x11	236	114	50	2	009410111
12x12	255	122	50	2	009410112
13x13	255	124	55	2	009410113



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.

942BX
hi-torque hexagon nut spinners short series



UNI 6750

mm	L mm	L1 mm	A1 mm		
4	190	70	13,0	5	009420003
5	190	70	14,0	5	009420004
5,5	190	70	12,5	5	009420005
6	190	70	14,5	5	009420006
7	190	70	15,5	5	009420007
8	202	70	18,5	5	009420008
9	202	70	19,5	5	009420009
10	202	70	20,5	3	009420010
11	202	70	21,5	3	009420011
12	202	70	22,5	3	009420012
13	202	70	23,5	3	009420013
14	202	70	24,5	3	009420014



942BX/S12 4-5-5,5-6-7-8-9 10-11-12-13-14 mm	1	009420030

943BX
hi-torque hexagon nut spinners
long series



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm		
4	270	150	13,0	5	009430003
5	270	150	14,0	5	009430004
5,5	270	150	12,5	5	009430005
6	270	150	14,5	5	009430006
7	270	150	15,5	5	009430007
8	282	150	18,5	5	009430008
9	282	150	19,5	5	009430009
10	282	150	20,5	3	009430010
11	282	150	21,5	3	009430011
12	282	150	22,5	3	009430012
13	282	150	23,5	3	009430013
14	282	150	24,5	3	009430014



943BX/S12 1 009430030
4-5-5,5-6-7-8-9
10-11-12-13-14 mm



943BX/D6 1 009430026
5-6-7-8-10-13 mm

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

944BX
deep, hi-torque hexagon nut spinners
long series



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm		
4	245	125	20	3	009440003
5	245	125	25	3	009440004
5,5	245	125	30	3	009440005
6	245	125	35	3	009440006
7	245	125	35	3	009440007
8	257	125	50	3	009440008
9	257	125	50	3	009440009
10	257	125	50	3	009440010
11	257	125	50	3	009440011
12	257	125	50	3	009440012
13	257	125	55	3	009440013
14	257	125	55	3	009440014



944BX/S12 1 009440062
4-5-5,5-6-7-8-9
10-11-12-13-14 mm



944BX/D6 1 009440056
5-6-7-8-10-13 mm

949
deep T-handle socket wrenches

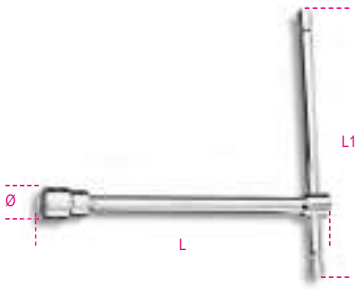


mm	L mm	L1 mm	A1 mm		
8	220	160	50	2	009490008
10	230	160	50	2	009490010
12	240	175	50	2	009490012
13	244	175	55	2	009490013
14	250	190	55	2	009490014
17	264	200	60	2	009490017



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	L1 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	290	2	009500022
24	300	32,2	320	2	009500024
27	315	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.
The new 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

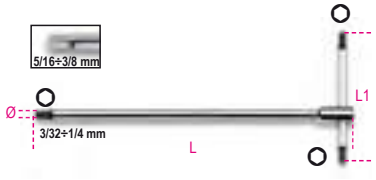


951/SP6 3-4-5-6-8-10 mm	1	009510696
951/SPV	1	009510697



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

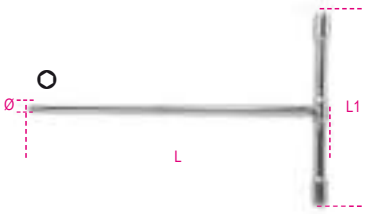


951AS/S6X 1/8-3/16-7/32-1/4-5/16-3/8	1	009510771

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



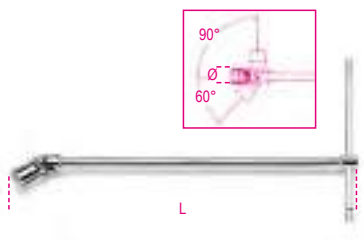
952 T-HANDLE WRENCHES WITH SWIVELLING HEXAGON SOCKETS



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	450	3	009520015
16	22,0	450	3	009520016
17	23,4	450	3	009520017
18	24,7	450	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

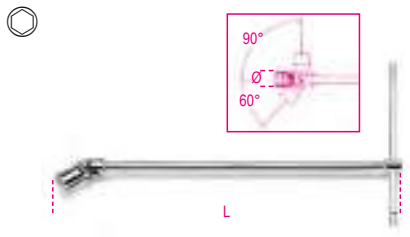
852



852 1/4	79,85

952AS

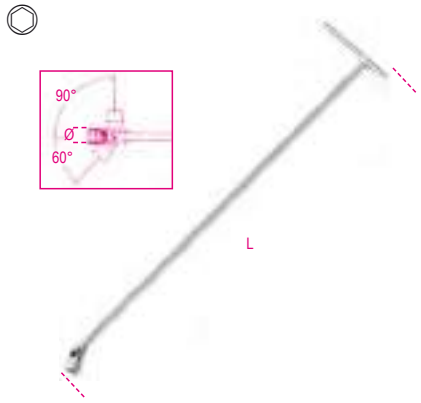
T-handle wrenches with swivelling hexagon sockets



"	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



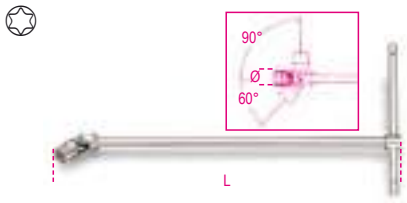
mm	Ø mm	L mm		
10	14,6	930	1	009520410
12	17,0	1063	1	009520412
13	18,7	1100	1	009520413
14	19,7	1100	1	009520414
15	20,9	1100	1	009520415
16	22,0	1100	1	009520416
17	23,4	1100	1	009520417
18	24,7	1100	1	009520418
19	26,0	1100	1	009520419





952FTX

T-handle wrenches with swivelling socket, for Torx® head screws



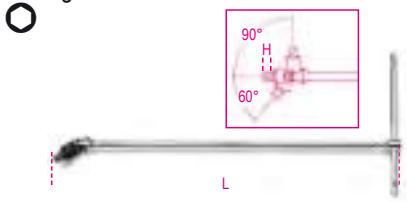
	Ø mm	L mm		
E6	8	392	2	009520106
E7	9	392	2	009520107
E8	10	395	2	009520108
E10	13	400	2	009520110
E12	15	440	2	009520112
E14	17	490	2	009520114
E16	19	490	2	009520116
E18	21	490	2	009520118
E20	23	490	2	009520120



952FTX/S9 E6-E7-E8-E10-E12 E14-E16-E18-E20	1	009520141

953

T-handle wrenches with swivelling hexagon male ends



UNI 6754

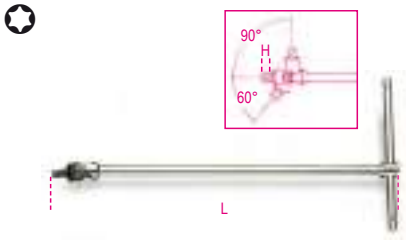
mm	H mm	L mm		
3	5	395	5	009530130
3,5	6	395	3	009530135
4	6	395	5	009530140
4,5	7	395	3	009530145
5	7	395	5	009530150
6	9	400	5	009530160
7	10	425	3	009530170
8	11	425	5	009530180
10	13	440	5	009530200



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.

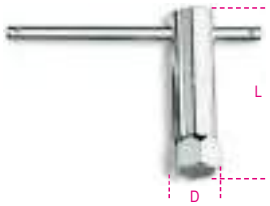
The vehicle repair tools are found in these sections:

Diagnostics	
	items 1438 to 1499 items 1758VT to 1760TMC
Engine	
	items 955 to 989A items 1438 to 1499
Oil and filters	
	items 1438 to 1499 items 1877 to 1885
Electric system	
	items 1438 to 1499
Starters	
	items 1498BC/12 to 1498/40A
Transmission	
	items 1438 to 1499
Suspension	
	items 1549 to 1569CP
Brakes	
	items 1438 to 1499
Wheels	
	items 955 to 989A
Body work	
	items 1302 to 1369 items 1763 to 1767A
Other equipment	
	items 1875LT to 3067
Jacks	
	items 3029/2T to 3067/70-13T



955

tubular spark-plug wrench
chrome-plated, hexagon end



mm - "	D mm	L mm		
16 5/8	21	86	3	009550016
20,8 13/16	29	86	3	009550021

956C

1/2" square drive spark plug sockets
chrome-plated, hexagon ends



ISO 11168

mm - "	Ø 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



ISO 11168

mm - "	Ø 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



mm - "	Ø mm	L mm		
14 9/16	18,8	70	1	009560114
16 5/8	20,5	70	1	009560116



956L

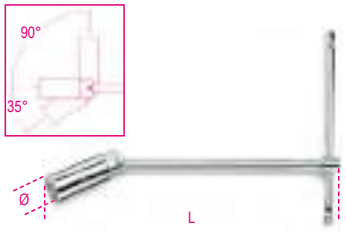
1/2" square drive spark plug sockets,
bi-hex ends, long series



mm - "	Ø mm	L mm		
14 9/16	19,0	250	2	009560214
16 5/8	21,0	250	2	009560216
17,8 11/16	24,0	250	2	009560217

957

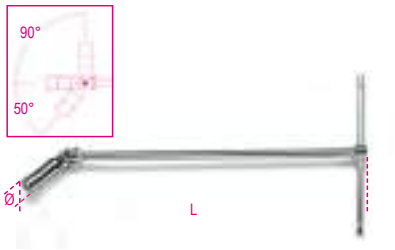
T-handle spark plug wrenches
with swivelling sockets



ISO 11168

mm - "	Ø 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



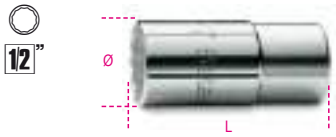
ISO 11168

mm - "	Ø mm	L mm		
14	18,8	483	3	009590009
9/16				
16	21,4	483	3	009590010
5/8				
20,8	27,0	527	3	009590011
13/16				

959R
rubber inset and spare spring
for items 956C - 956E - 957 - 959

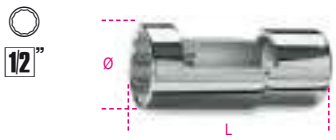
959R/14 956C/14-956E/14	3	009590223
959R/16 956C/16-956E/16 957/16-959/16	3	009590224
959R/17,8 956C/17,8-956E/17,8	3	009590225
959R/20,8 956C/20,8-956E/20,8 957/20,8-959/20,8-959L	3	009590226

960
1/2" square drive socket
for Diesel engine injectors



mm	Ø mm	L mm		
27	36,5	77	2	009600027

960A
1/2" square drive socket
for Diesel engine injectors



mm	Ø mm	L mm		
27	36,5	77	2	009600017

960BC/C5
set of 5 sockets
for injector electric connection

set contents:
- **1 open hexagon socket, 25 mm**
- **1 open hexagon socket, 27 mm**
- **1 open hexagon socket, 29 mm**
- **1 open hexagon socket, 30 mm**
- **1 bi-hex socket, 28 mm**



960BC/C5	1	009600280

280x160x55 mm - 1,9 kg

960ER
slide hammer for injector washers

stepped drill bit



L mm		
350	1	009600726

960F
socket for nozzle holder ring nuts



Ø mm	Ø1 mm	1 mm	2 mm		
28,3	22	32	22	1	009600148

960G
socket for Diesel engine injectors
of Mercedes-Benz trucks



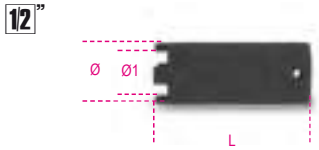
Ø mm	Ø1 mm	mm	L mm		
28,5	22	32	122	1	009600151

960L
socket
for nozzle holder ring nuts



Ø mm	Ø1 mm	L mm		
30	22	122	1	009600153

960M
socket
for nozzle holder ring nuts



Ø mm	Ø1 mm	L mm		
28,5	22	72	1	009600154

960H/C4
set of sockets for nozzle holder ring nuts



960H/C4	1	009600152

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

960SN
Diesel engine glow plug wrenches



mm	Ø mm	□	L mm		
8	12,0	1/4	60	2	009600834
9	13,3	1/4	60	2	009600835
10	14,5	3/8	70	2	009600836



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	1 009600031

330x270x25 mm

960T/A

open end hexagon socket, 29 mm,
for oxygen sensors



mm	L mm	
29	90	1 009600032

960T/B

open end bi-hex socket, 27 mm,
for injectors



mm	L mm	
27	85	1 009600033

960T/C

open end hexagon socket, 22 mm,
for vacuostats



mm	L mm	
22	88	1 009600034

960T/F

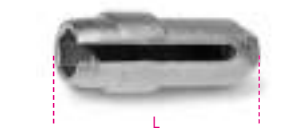
double ended hexagon socket, size 1" - 1 1/16",
for oil pressure sensors



"	● mm	L mm	
1 - 1 1/16	28	74	1 009600037

960T/G

open end hexagon socket, 22 mm,
tube-shaped



mm	● mm	L mm	
22	25	98	1 009600038

960T/H

open end hexagon and bi-hex socket, 22 mm,
compact, 34 mm long,
for oxygen sensors



mm	L1 mm	L2 mm	
22	34	55	1 009600039

960/22EP

double head swivel socket wrench
for Lambda probes

Double hexagon/bi-hex and 180° joint result in remarkable versatility



L mm	○ mm	○ mm	
300	22	22	1 009600052

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



960/C6	1 009600055

170x120x50 mm

960/D

open hexagon wrenches, long series, for
removing/installing exhaust gas temperature
sensors



mm	
13	1 009600073
14	1 009600074
17	1 009600077

960YP

open offset hexagon wrenches for removing/installing exhaust gas temperature sensors

3/8"



mm		
13	1	009600063
14	1	009600064
17	1	009600067

960AVE

device for testing common rail diesel electrical injectors



960AVE — 1 — 009600245

430x310x50 mm - 2,0 kg

960EPC/L

set of tools for removing glow plug electrode face

M8x1 - M9x1 - M10x1 - M10x1.25



960EPC/L — 1 — 009600890

270x230x80 mm - 2 kg

960E-PI/P

injector washer extractor

- **Male thread M10 for use with sliding hammer (Beta 1540)**



960E-PI/P — 1 — 009600706

300x90x60 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

960UC

tool set for removing stuck M8-M9-M10 glow plugs with deformed tips



960UC — 1 — 009600900

270x230x80 mm - 2,6 kg

960P

pressure/depressure tester with accessories and adaptors



960P — 1 — 009600777

350x320x95 mm - 1,9 kg

960PI

assortment of reamers for cleaning injector seats in plastic case

For removing residues from injector seats
- Flat reamer, Ø 19 - 15 mm, for universal injectors
- Flat reamer, Ø 17 - 17 mm, for Delphi/Bosch injectors (BMW/PSA/Renault/Ford)
- Flat reamer, Ø 19 - 17 mm, for Bosch injectors (Mercedes CDI).
- Angled reamer, Ø 21 - 17 mm, for Fiat/Iveco injectors.
- Handle



960PI — 1 — 009600215

250x130x50 mm - 600 g

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**

14



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

960RPI
blowing tool for injectors seat cleaning

for M8x1 - M9x1 - M10x1 - M10x1.25 glow plugs



960RPI	1	009600940

960PMC
diesel injector test and calibrating
hand pump



Bar Max. **600**	1	009600200



961P6
electronic videoscope
with flexible probe

CE



- Supports SD cards (8 GB)
- Supports flash memories (8 GB)
- Internal memory: 128M
- TV-OUT feature
- Supports video formats (MP4, AVI, 3GP)
- 4 LEDs
- Power supplied by USB port (built-in battery)

SPECIFICATIONS
- Sensor pixels: 640x480
- Maximum resolution: 320x240
- Probe length: 1 m
- Camera diameter: 6 mm
- Video formats: MPEG4, 3GP, AVI,ASF.
- Photo formats: JPEG
- Shooting angle: 0÷180°
- Data output: USB cable and SD card
- Power supply: 3.7V 2000 mAh battery

961P6	1	009610000

961P6/S
flexible probes, 6 mm

IP67



	L mm		
961P6/S 1	1000	1	009610006
961P6/S 2	2000	1	009610262
961P6/S 3	3000	1	009610263

962
tyre levers



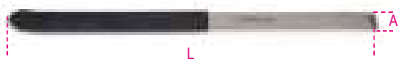
L mm	A mm		
300	21	5	009620003
400	25	5	009620004
500	27	3	009620005
600	27	3	009620006

962C



962C	277

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

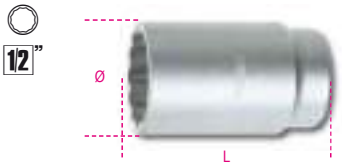
355x140x65 mm - 1,8 kg

720LS
impact sockets, long, slim series



	Ø mm	L mm	Ø1 mm		
720LS 36	48,0	78	29	2	007200386

969B
hub nut locking socket



	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
32	42,5	76	1	009690132
34	45,0	76	1	009690134
35	46,0	76	1	009690135
36	49,0	76	1	009690136

969/C5
set of 5 hub nut locking sockets in plastic case



969/C5	1	009690201

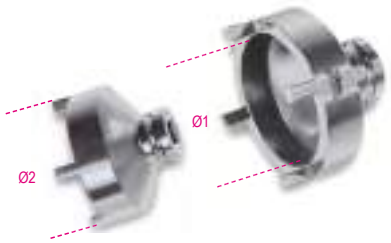
969B 30-32-34-35-36

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

971/C8
torque screwdriver with accessories
for controlled tightening of
tyre valves with pressure control system



971/C8			1 009710108
583/6	1,2÷6 Nm		
892/0			
862TX	T10-T15-T20		
900L	11-12 mm		
986 78			

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

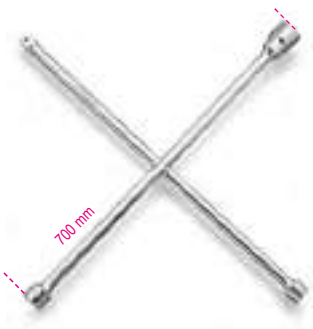
978 - 979
four-way hexagon wheel nut wrenches



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

987
tyre valve lever
with rubber protection



L mm		
310	1	009870001

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



CIRCLIP PLIERS (SEEGER TYPE)

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

PERFECT ALIGNMENT
Tests have shown that Beta's circlip pliers provide excellent seeger (snap ring) alignment, based on the special reverse cone geometry of the tips, obtained through the company's exclusive cold-pressing technology.



REDUCED TIP BREAKAGE
Beta's pliers are fitted with built-in cold-pressed tips, which provide increased durability compared to competitors', both when used and in case of accidental drops.



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

1558/C4

internal and external snap ring tool,
screw-operated

square drive allows a high force to be applied in both operating conditions
Supplied tips:
Ø 2.5-3-3.5 mm

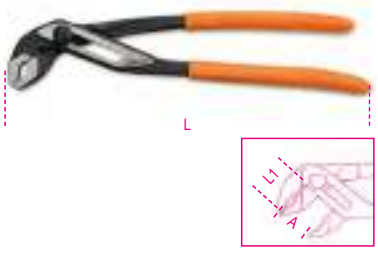


	Ø mm	Ø mm		
1558/C4	5,5 ÷ 77	5,5 ÷ 77	1	015580100

330x220x50 mm - 900 g

1044N

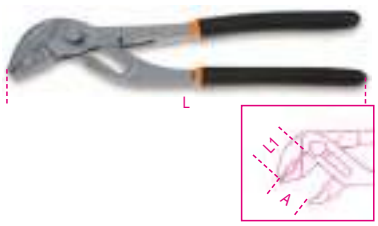
slip joint pliers, phosphated,
overlapping joint,
non-slip PVC-coated handles
· **8-position model**



L mm	A max mm	L1 mm		
250	46	48	5	010440025

1047

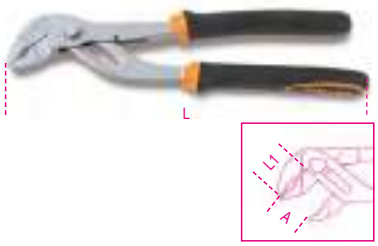
slip joint pliers, push button adjustment



L mm	A max mm	L1 mm		
180	30	29	2	010470180
240	36	35	2	010470240
300	50	48	1	010470300

1047BM

slip joint pliers, push button adjustment,
bimaterial handles



L mm	A max mm	L1 mm		
240	36	35	2	010470340



1048N - POLIGRIP SLIP JOINT PLIERS, BOXED JOINTS

OUTSTANDING GRIP AND UNIQUE EASE OF HANDLING



- Tooth geometry and angle designed for effective, safe grip on hexagonal and cylindrical profiles
- Induction hardened teeth for longer durability
- Wider head/handle angle for improved ergonomic handling
- Contrast retainer preventing accidental hand crushing
- Innovative, slip-proof PVC coated handles
- Unparalleled ease of handling and comfort thanks to larger handle contact surface





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**

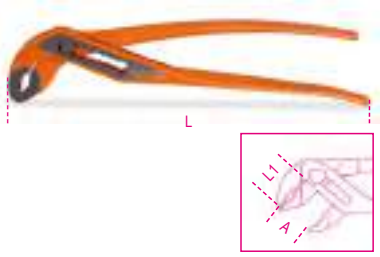


ISO 8976

L mm	A max mm	L1 mm		
250	48	39	3	010480215

1048VN

slip joint pliers, boxed joints,
with orange lacquered finish

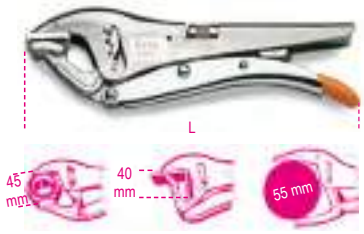


ISO 8976

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

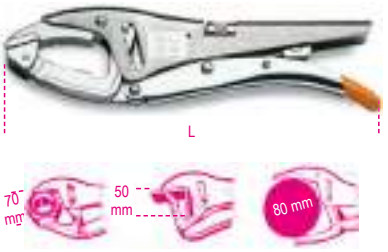
double adjustment self-locking pliers long jaws



L mm		
255	2	010510025

1051GM

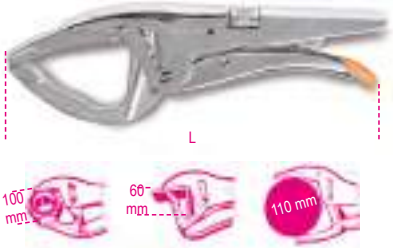
double adjustment self-locking pliers, floating jaw



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

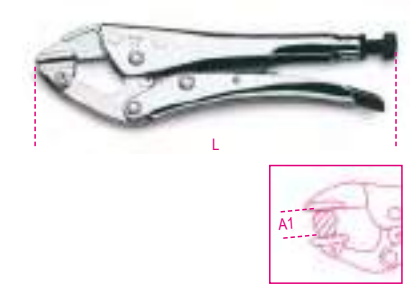
1052

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



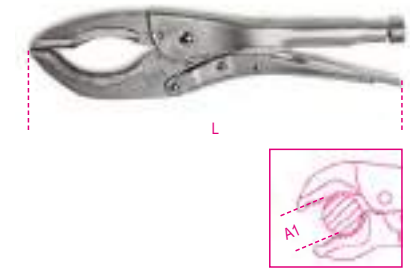
L mm	A1 max mm		
240	35	2	010530024

1054
adjustable self-locking pliers, straight jaws



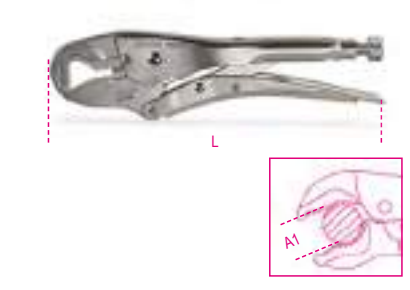
L mm	A1 max mm		
235	40	2	010540022

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



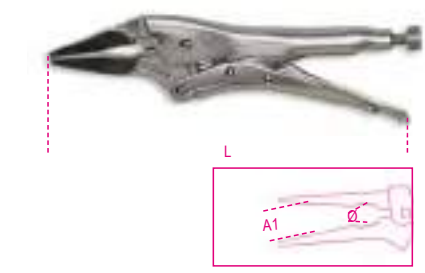
L mm		
195	2	010560017

1057A
automatic self-locking pliers with adjustable force



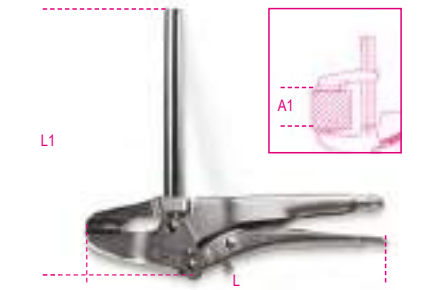
L mm		
240	2	010570124

1058
adjustable self-locking pliers, long jaws



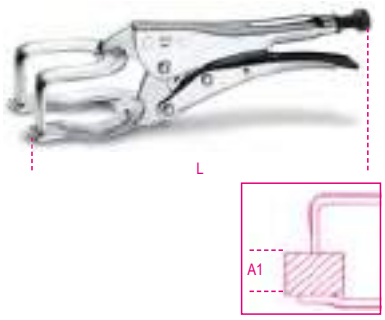
L mm	A1 max mm	Ø max mm		
175	34	26	2	010580017
225	46	31	2	010580025

1059
adjustable self-locking pliers with one sliding jaw



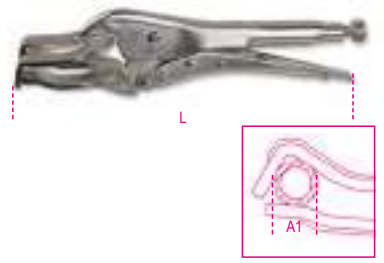
L1 mm	L mm	A1 mm		
160	255	120	1	010590016
270	255	220	1	010590027

1060
adjustable self-locking pliers, fork-type jaws



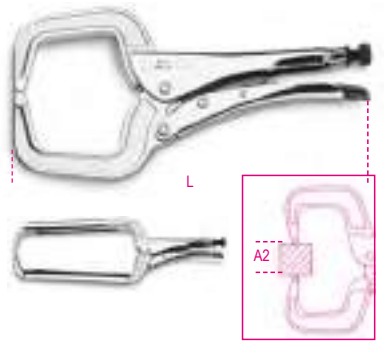
L mm	A1 max mm		
200	50	2	010600020
280	80	2	010600028

1061
adjustable self-locking pliers, fork-type jaws



L mm	A1 max mm		
275	80	2	010610027

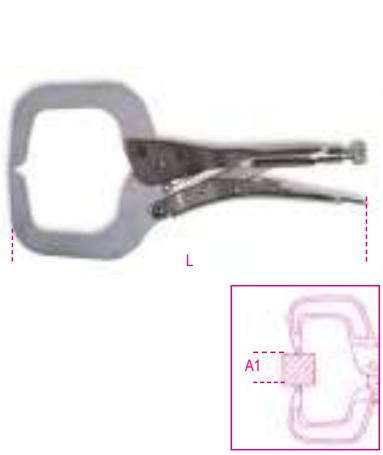
1062
adjustable self-locking pliers with C-shaped jaws



L mm	A2 max mm		
170	50	2	010620017
290	120	2	010620029
460	255	1	010620045

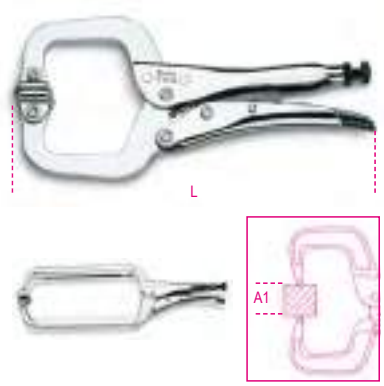


1062AL
adjustable self-locking pliers,
aluminium C-shaped jaws



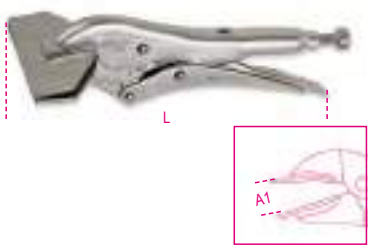
L mm	A1 max mm		
275	88	2	010620327

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



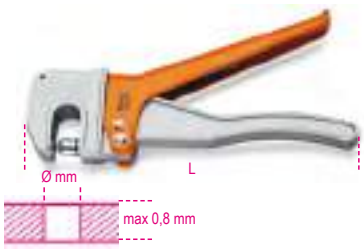
L mm	A1 max mm		
200	31	2	010630021

1064
adjustable self-locking pliers with chain



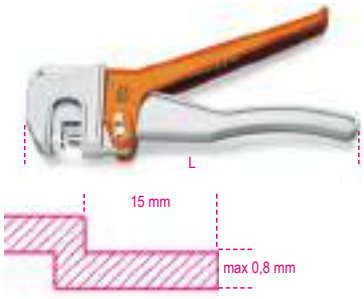
L mm	Ø mm		
230	150	2	010640023

1065F
hand punch steel punch and matrix



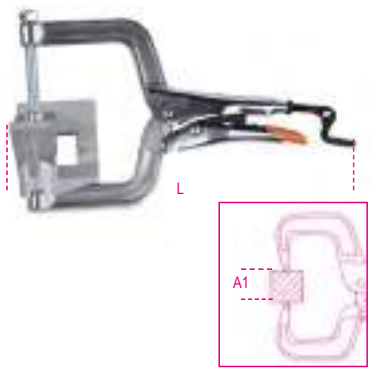
ø mm	L mm		
5	228	1	010650010
6	228	1	010650015

1065P
hand crimper steel matrix



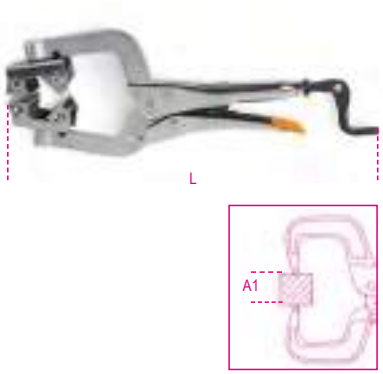
L mm		
228	1	010650020

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

1077
straight wide blade tinsmith's pliers,
PVC-coated handles



L ~	A mm	L1 mm		
280	60	53	1	010770026

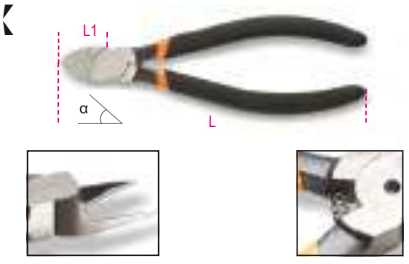
1078
curved wide blade tinsmith's pliers,
45° PVC-coated handles



L ~	A mm	L1 mm		
280	60	77	1	010780026

1080D
diagonal flush cutting nippers,
slip-proof double layer PVC coated handles

For cutting plastic



α	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

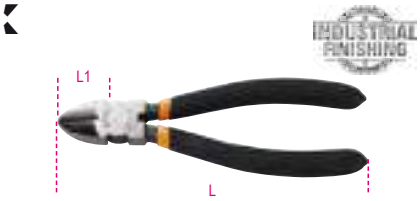
1082
diagonal cutting nippers,
chrome-plated,
slip-proof double layer PVC coated handles



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	mm		
160	22	1,6	3	010840036
200	28	2,0	3	010840040

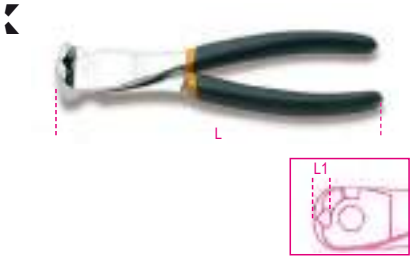
1084GBM
heavy duty diagonal cutting nippers,
bi-material handles,
industrial finish



UNI/ISO 5749

L mm	L1 mm	mm		
160	22	1,6	3	010840266
200	28	2,0	3	010840270

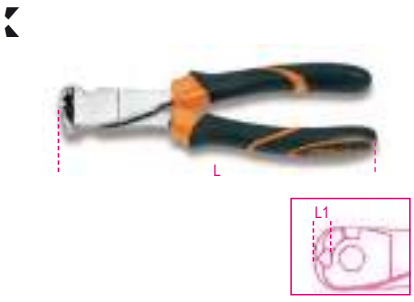
1088
heavy duty end cutting nippers,
slip-proof double layer PVC coated handles



UNI/ISO 5748

L mm	L1 mm	mm		
160	9	1,6	2	010880006
200	11	2,0	2	010880010

1088BM
heavy duty end cutting nippers,
bi-material handles

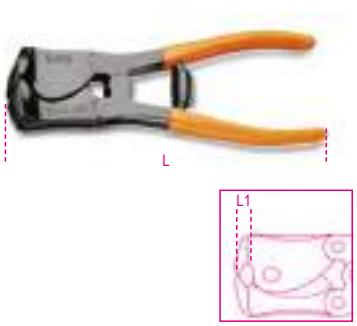


UNI/ISO 5748

L mm	L1 mm	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	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	mm		
200	23	2,5	2	010940200

1095N
toggle lever assisted
diagonal cutting nippers



L mm	L1 mm	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

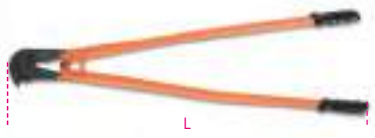
Cutting capacity
R= 80 Kgf/mm²



L ~	mm		
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 ~	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

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

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

1128BMX/F
articulated plastic case for item 1128BMX



1128BMX/F	1	011280059

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

Milling profile: designed to enlarge holes on plastic, from 13 mm to 25 mm.

+HARDNESS
-COEFFICIENT OF FRICTION







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

1129BM

electrician's scissors, curved blades



L mm	L1 mm		
145	44	5	011290000

1130BMX

Multiuse scissors,
straight stainless steel blades,
with microteeth



L mm	L1 mm		
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	mm²		
600	30	325	1	011330001

1133RL
spare blades for item 1133



1133RL	1	011330011

1134
ratchet cable cutters burnished finish, plastic handles



L mm	mm	mm²		
260	35	400	1	011340032

1134RL
spare blade for item 1134



1134RL	1	011340132

1134A
ratchet cable cutters burnished finish, plastic handles



L mm	mm	mm²		
240	45	500	1	011340045



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 ~	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	mm²	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



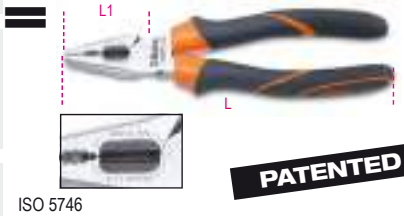
ABSOLUTELY GROUNDBREAKING

PEARL CHROME-PLATED FINISH

REMARKABLE CUTTING CAPACITY

1150HPC
heavy duty combination pliers with integrated cutting edges
and decentralized pin
matt chrome plated finish
bi-material handles
open joint

integrated cutting edge
steel: M2
thickness: 0.20 mm
angle: 62°
hardness: 63÷65 HRC



PATENTED

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

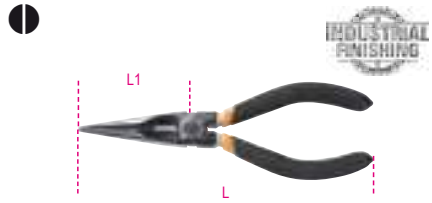
1166
extra-long needle knurled nose pliers,
chrome-plated,
slip-proof double layer PVC coated handles



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

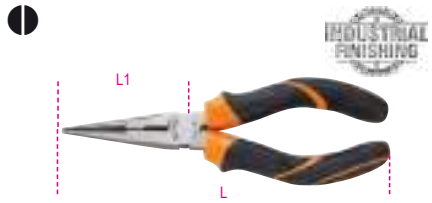
1166BM
extra-long needle knurled nose pliers,
chrome-plated,
bi-material handles



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 1 011690053
1082 160mm
1150 180mm
1166 160mm



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 1 011690073
1082G 160mm
1150G 180mm
1166G 160mm

1169BM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



1169BM/D3 1 011690133
1082BM 160mm
1150BM 180mm
1166BM 160mm

1169GBM/D3

set of 1 combination pliers,
1 long needle nose pliers
and 1 diagonal cutting nippers, bi-material handles, industrial finish



1169GBM/D3 1 011690273
1082GBM 160mm
1150GBM 180mm
1166GBM 160mm

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



1169N/D4 1 011690024
1082 160 mm
1150 180 mm
1166 160 mm
1048N 250 mm

1171BM

smooth, flat short nose pliers
bi-material handles

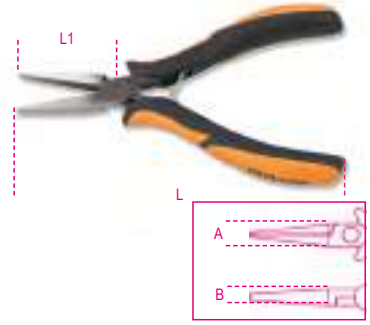


ISO 9655

L ~	L1 mm	A mm	B mm		
130	18	12	8	2	011710101

1172BM

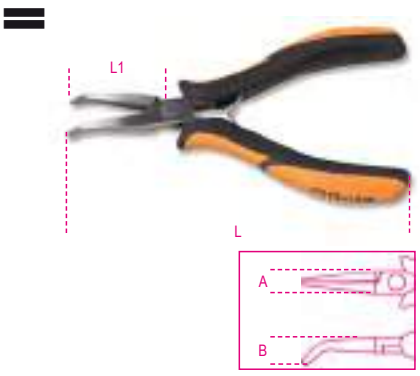
smooth, flat long nose pliers
bi-material handles



ISO 9655

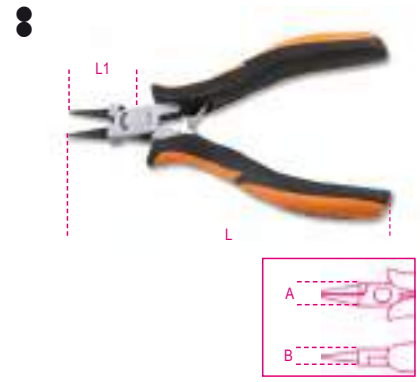
L ~	L1 mm	A mm	B mm		
140	40	12	8	2	011720101

1172BM/P
smooth, flat bent long nose pliers
bi-material handles



L ~	L1 mm	A mm	B mm		
140	38	12	13	2	011720102

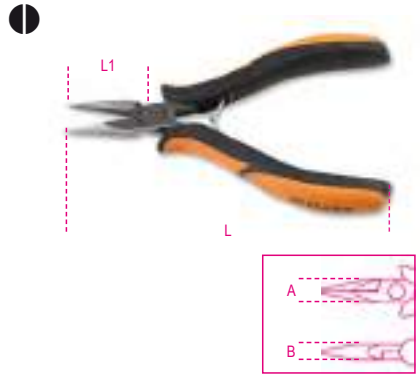
1173BM
round short nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
125	22	12	8	2	011730101

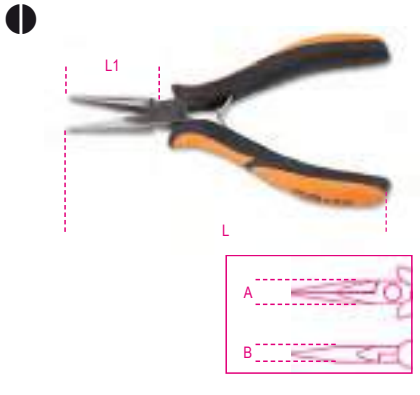
1175BM
smooth half-round short nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	29	12	8	2	011750101

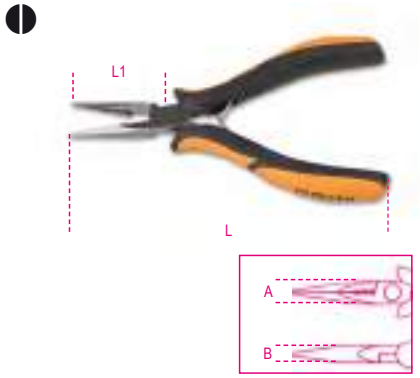
1177BM
smooth half-round long nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	38	12	8	2	011770101

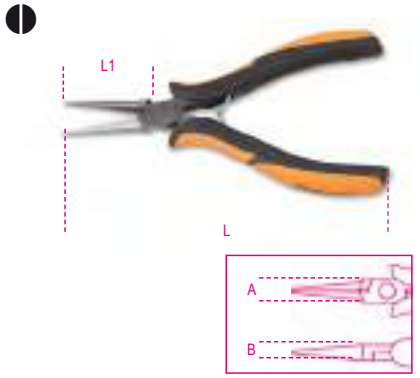
1177BM/Z
half-round long knurled nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	39	12	8	2	011770113

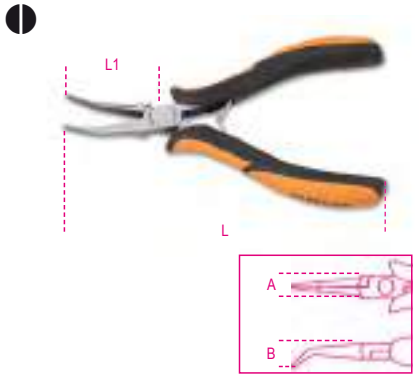
1178BM
smooth half-round long needle nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	37	12	8	2	011780101

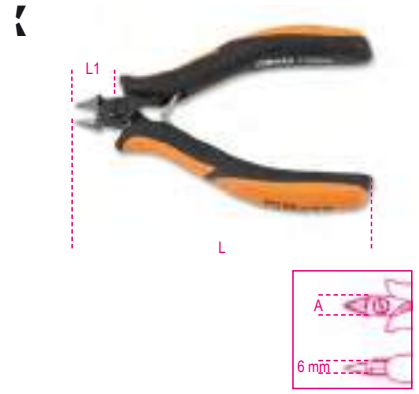
1178BM/P
smooth half-round long bent
needle nose pliers
bi-material handles



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

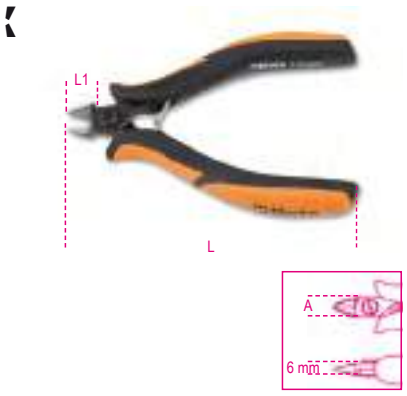


ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011820101



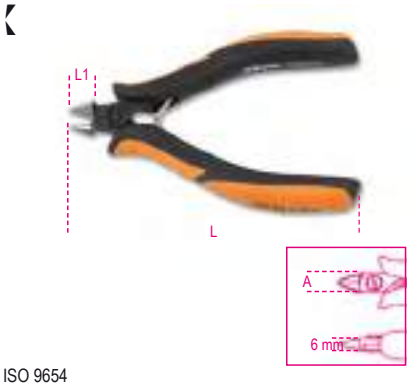
1183BM
diagonal semi-flush cutting nippers,
rounded tips
bi-material handles



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

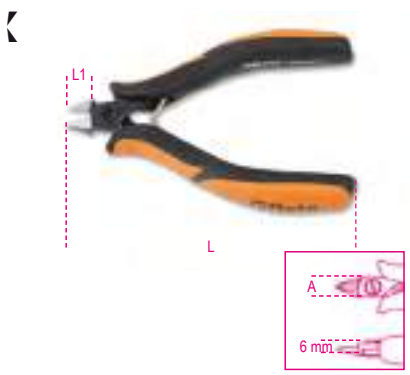
1185BM
diagonal flush cutting nippers,
slim tips
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011850101
130	13	12,5	1,25	2	011850102

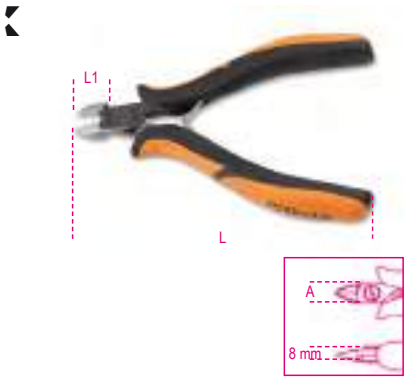
1186BM
diagonal flush cutting nippers,
slim tapering tips
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011860101
130	13	12,5	1,25	2	011860102

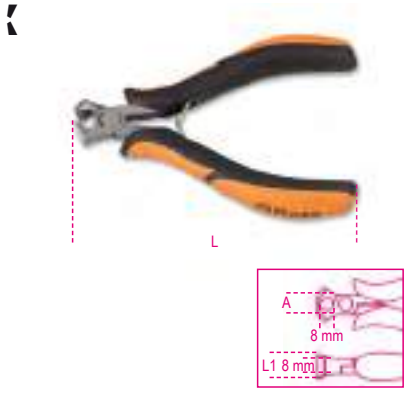
1188BM
diagonal axial cutting nippers
bi-material handles



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



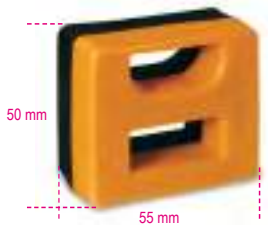
ISO 9654

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 ergonomic design fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.
Beta's tried-and-tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools.
The octagonal section prevents any bothersome rolling on the worktop.
The precision area allows the screwdriver to be quickly rotated between the fingers.
The hole on the handle allows the screwdriver to hang for easy storage.
New thermoplastic rubber makes each use including heavy-duty ones even more comfortable.
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 1 012021204
PH0x3x60-PH1x4,5x120
PH2x6x150-PH3x8x150 mm

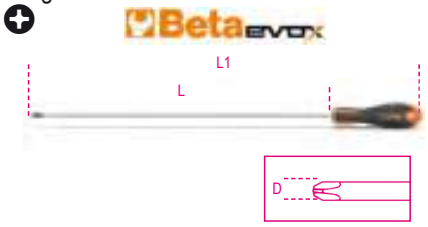
1202EN
screwdriver for cross head Phillips® screws, extra-short series



UNI-ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012021103
2x6x30	86,5	3	012021106

1202EL
screwdriver for cross head Phillips® screws, long series



UNI-ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012021303
1x4,5x300	400	3	012021305
1x4,5x400	508	3	012021306
2x6x400	519	3	012021309

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

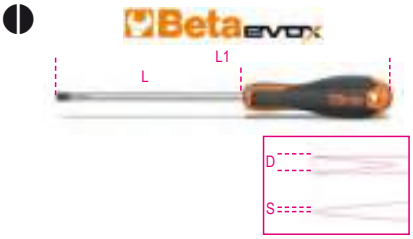
1203E/S



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

1204EL

screwdriver for headless slotted screws, long series



ISO 2380

SxDxL mm	L1 mm		
0,5x2,5x200	300	3	012041303
0,5x3x300	400	3	012041306
0,8x4x400	508	3	012041309
1x5x400	508	3	012041315
1,2x6,5x400	519	3	012041318

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



1207E/TX-D7 1 012071207
T6-T8-T10-T15
T20-T25-T30

1207E/TX-S13 1 012071213
T5-T6-T7-T8-T9-T10-T15
T20-T25-T27-T30-T40-T45

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 1 012081207
T9-T10-T15-T20
T25-T27-T30

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 1 012091204
PZ0-PZ1-PZ2-PZ3

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

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.





Battery life

Long-lasting 3.7V 2300mAh lithium battery, allowing up to 1,000 screw fastenings with one charging cycle.

It is available in two variants:

- **electric screwdriver 1210E/GE with bits**



- **electric screwdriver 1211E/GE with 1000V insulated bits**



1000 V



1210E/GE

Evox-E electric screwdriver



L mm		
150	1	012100701

1211E/GE

Evox-E electric screwdriver



L mm		
150	1	012110701



1229LP/A6	1	012290300
1,2-1,4-1,8-2-2,4-3 mm		

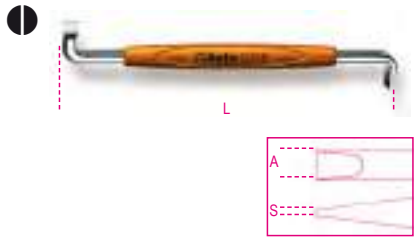
1229LPH/A6

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

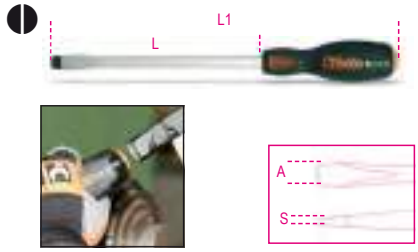
1238B
offset screwdrivers
for cross head Phillips® screws



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



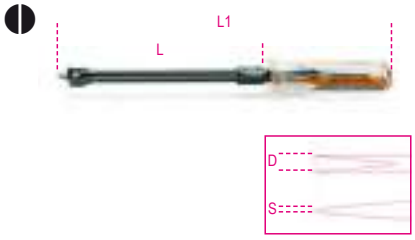
1243/D7		1	012430017
1241	1x5,5x100-1,2x6,5x125 1,2x8x150-1,6x10x200 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150 mm		

1243/S11
set of 6 screwdrivers with steel heads



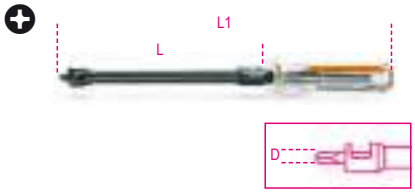
1243/S11		1	012430021
1241	1x5,5x100-1,2x6,5x125 3x8x150-1,6x10x175 1,6x10x200-2,0x12x200 2,5x14x250 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150-PH4x11x200 mm		

1250
screwholding screwdrivers
for slotted head screws



SxDxL mm	L1 mm		
0,5x3x125	190	5	012500030
0,6x4x125	225	5	012500040
0,7x5x150	255	5	012500050

1251
screwholding screwdrivers
for cross head Phillips® screws



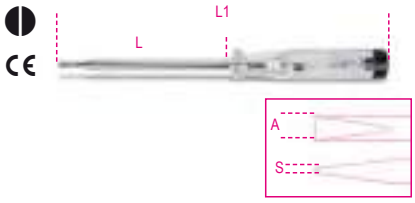
PHxDxL mm	L1 mm		
0x4x125	225	5	012510000
1x5x125	225	5	012510010
2x6x175	280	5	012510020

1252/S5



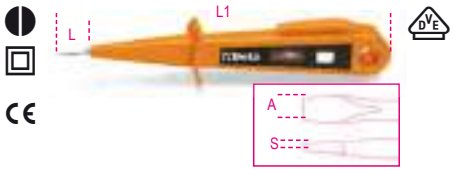
1252/S5		1	012520001
1250	0,5x3x125-0,6x4x125 0,7x5x150 mm		
1251	PH1x5x150-PH2x6x175 mm		

1253
mains testing screwdriver 150/250V



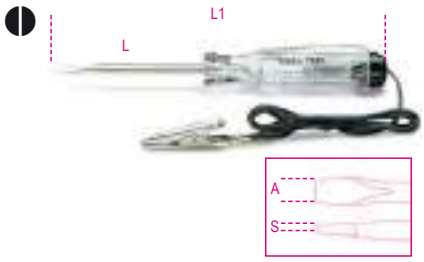
SxAxL mm	L1 mm		
0,5x3,5x100	190	5	012530001

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



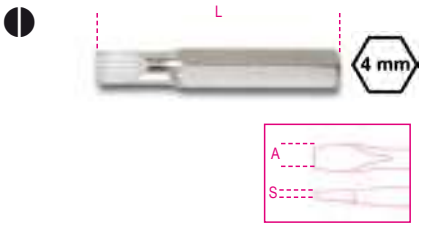
1256/C36-2	1	012560100



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

1256LP
4-mm bits
for slotted head screws



SxA mm	L mm		
0,25x0,8	27	5	012560001
0,25x1,2	27	5	012560002
0,3x1,5	27	5	012560003
0,35x1,8	27	5	012560004
0,4x2,0	27	5	012560005
0,4x2,5	27	5	012560006
0,5x3,0	27	5	012560007
0,6x3,5	27	5	012560008
0,8x4,0	27	5	012560009

1256PH
4-mm bits
for cross head Phillips® screws



PH	L mm		
000	27	5	012560011
00	27	5	012560012
0	27	5	012560013
1	27	5	012560014

1256PZ
4-mm bits
for slotted head Pozidriv® - Supradriv® screws



PZ	L mm		
000	27	5	012560061
00	27	5	012560062
0	27	5	012560063
1	27	5	012560064

1256PE
4-mm bits
for hexagon head screws



mm	L mm		
0,7	27	5	012560021
0,9	27	5	012560022
1,3	27	5	012560023
1,5	27	5	012560024
2,0	27	5	012560025

1256TX
4-mm bits
for Torx® head screws



	L mm		
T3	27	5	012560041
T4	27	5	012560042
T5	27	5	012560043
T6	27	5	012560044
T7	27	5	012560045
T8	27	5	012560046
T9	27	5	012560047
T10	27	5	012560048
T15	27	5	012560049

1256RTX
4-mm bits
for Tamper Resistant Torx® head screws



	L mm		
T6	27	5	012560051
T7	27	5	012560052
T8	27	5	012560053
T9	27	5	012560054
T10	27	5	012560055

1256/20
hexagon drive extension, 4 mm



1256/20	5	012560092

1256/30
4-mm bit holder with handle



L mm		
110	2	012560097

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

SxD mm	L mm		
0,5x3	60	5	012570030
0,6x3,5	60	5	012570035
0,8x4	60	5	012570040



1257LP/S8 0,2x1,2-0,25x1,5 0,3x1,8-0,4x2-0,4x2,5 0,5x3-0,6x3,5-0,8x4 mm	1	012570200

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 T5-T6-T7-T8 T9-T10-T15-T20	1	012570220

1257BE

micro-screwdrivers hexagon socket wrenches



mm	L mm		
3,2	60	5	012570085
4	60	5	012570086
5	60	5	012570087
5,5	60	5	012570088



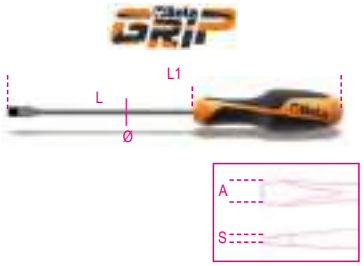
The BetaGrip screwdrivers are the fruit of Beta's long expertise in screwdriver design and close cooperation with the mechanics of motor racing teams.
New, one-of-a-kind technical solutions capable of satisfying the most demanding professionals' requirements have been used with a view to achieving the highest standards as regards ergonomics, strength and quality of the materials.

- The **blade** is made from special steel with a high silicon, chromium and vanadium content, to ensure improved performance in terms of torsional and flexural strength.
A non-glare, matt chrome-plated finish has been chosen.
- The **geometry of the tip** has been designed to ensure perfect coupling between the blade and the screw head. The phosphate-coated finish prevents the tip from getting oxidized, while maintaining precise profiles.
- The **texture** has been inspired by the treads of Racing tyres, developed to maximize grip on different grounds. Hence it ensures effective screwdriver hold under any working conditions, for enhanced precision and control when fitting the tip onto the screw.



1260

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	150	2,5	5	012600003
0,4x2,5x75	175	2,5	5	012600006
0,5x3x75	175	3,0	5	012600009
0,5x3x100	200	3,0	5	012600012
0,6x3,5x75	175	3,5	5	012600018
0,6x3,5x100	200	3,5	5	012600021
0,8x4x100	208	4,0	5	012600030
0,8x4x125	233	4,0	5	012600033
0,8x4x150	258	4,0	5	012600036
1x5,5x100	208	5,0	5	012600039
1x5,5x125	233	5,0	5	012600040
1x5,5x150	258	5,0	5	012600042
1,2x6,5x100	219	6,0	5	012600048
1,2x6,5x125	244	6,0	5	012600050
1,2x6,5x150	269	6,0	5	012600051
1,2x8x150	277	8,0	3	012600057
1,2x8x200	327	8,0	3	012600060
1,6x10x200	327	9,5	3	012600066
2x12x250	377	10	3	012600069
2x14x250	377	10	2	012600073



1260/S6 0,4x2,5x75-0,5x3x75-0,8x4x125 1x5,5x150-1,2x6,5x150-1,2x8x200 mm	1	012600306

1260N

screwdrivers for slotted head screws, extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	87	4	5	012600103
1,2x6,5x30	87	6	5	012600106

1260E
screwdrivers for slotted head screws with hexagon bolsters



ISO 2380

SxAxL mm	L1 mm	Ø mm		
1,2x6,5x150	269	6,0	3	012600156
1,2x8x175	301	8,0	3	012600157
1,6x10x200	327	9,5	2	012600159
2x12x250	377	9,5	2	012600162

1260MC
screwdriver for slotted head screws, coloured



SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	150	2,5	3	012602003
0,6x3,5x75	175	3,5	3	012602018
0,8x4x100	208	4,0	3	012602030
1x5,5x150	233	5,0	5	012602040
1,2x6,5x150	269	6,0	5	012602051

1262
screwdrivers for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	160	5	012620003
0x3x100	200	5	012620006
1x4,5x80	188	5	012620009
1x4,5x120	228	5	012620012
2x6x100	219	5	012620018
2x6x150	269	5	012620021
3x8x150	277	3	012620024
4x10x200	327	3	012620027



1262/S4	1	012620304
PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

1262N
screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	87	5	012620103
2x6x30	87	5	012620106

1262E
screwdrivers for cross head Phillips® screws with hexagon bolsters



UNI/ISO 8764

PHxDxL mm	L1 mm		
2x6x150	269	3	012620153
3x8x175	302	3	012620156
4x10x200	327	2	012620159

1262L
screwdrivers for cross head Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012620203
1x4,5x300	400	3	012620205
1x4,5x400	508	3	012620206
2x6x400	519	3	012620209

1262MC
screwdriver for cross head Phillips® screws, coloured



PHxDxL mm	L1 mm		
0x3x60	160	3	012622003
1x4,5x80	188	3	012622009
2x6x100	219	3	012622018

1263/D...
set of screwdrivers



1263/D6		1	012630006
1260	0,5x3x75-0,8x4x100 1x5,5x125-1,2x6,5x150 mm		
1262	PH1x4,5x80-PH2x6x100 mm		
1263/D7		1	012630017
1262	PH0x3x60 PH1x4,5x80 PH2x6x100 mm		
1264	0,5x2,5x60-0,6x3x100 0,8x4x125-1x5x125 mm		
1263/D7PZ		1	012630007
1260	0,5x3x75-0,8x4x100 1x5,5x150-1,2x6,5X150 mm		
1269PZ	PZ0 - PZ1 - PZ2		
1263/D8		1	012630008
1260	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x125 1,2x6,5X150 mm		
1262	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		
1263/D10		1	012630010
1260	0,5x3x75-0,6x3,5x100 0,8x4x125-1x5,5x150 1,2x6,5X150 mm		
1260N	0,8x4x30		
1262	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		
1262N	PH1x4,5x30		

1263/S12
set of 12 screwdrivers



1263/S12		1	012630112
1260	0,4x2,5x50-0,5x3x75 0,6x3,5x100-0,8x4x125 1x5,5x125-1,2x6,5x150 1,2x8x200-1,6x10x200 mm		
1262	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

1263MC/D8
set of 8 coloured screwdrivers



1263MC/D8		1	012632008
1260MC	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x125 1,2x6,5X150 mm		
1262MC	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		

1264
screwdrivers for headless slotted screws

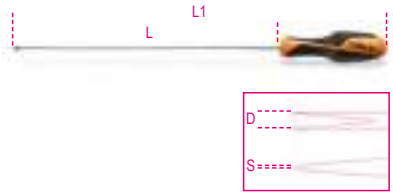


SxDxL mm	L1 mm		
0,5x2,5x60	160	5	012640003
0,6x3x75	175	5	012640006
0,6x3x100	200	5	012640009
0,8x4x100	208	5	012640012
0,8x4x125	233	5	012640015
1x5x125	233	5	012640018
1x5x150	258	5	012640021
1,2x6,5x150	269	5	012640024



1264/S5		1	012640305
	0,5x2,5x60-0,6x3x75 0,8x4x100-1x5x125-1,2x6,5x150 mm		

1264L
screwdrivers for headless slotted screws, long series



SxDxL mm	L1 mm		
0,5x2,5x200	300	3	012640203
0,6x3x300	400	3	012640206
0,8x4x400	508	3	012640209
1x5x400	508	3	012640215
1,2x6,5x400	519	3	012640218

1265ES
hexagon drivers with handles



mm	L mm	L1 mm		
1,5	100	200	3	012650015
2	100	200	3	012650020
2,5	100	200	3	012650025
3	100	200	3	012650030
4	100	208	3	012650040
5	100	219	3	012650050
6	125	244	3	012650060
8	150	277	2	012650080



1265ES/S8		1	012650308
	1,5-2-2,5-3-4-5-6-8 mm		

1266BP
ball head hexagon drivers with handles



mm	L mm	L1 mm		
2	100	200	3	012660020
2,5	100	200	3	012660025
3	125	225	3	012660030
4	125	233	3	012660040
5	120	239	3	012660050
6	140	259	3	012660060
8	160	287	2	012660080
10	160	287	2	012660100



1266BP/S8		1	012660308
	2-2,5-3-4-5-6-8-10 mm		

1267TX
drivers for Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
T5	50	150	3	5	012670005
T6	50	150	3	5	012670006
T7	50	150	3	5	012670007
T8	60	160	3	5	012670008
T9	60	167	4	5	012670009
T10	80	188	4	5	012670010
T15	80	188	4	5	012670015
T20	100	208	4,5	5	012670020
T25	100	208	5	5	012670025
T27	115	234	6	5	012670027
T30	115	234	6	5	012670030
T40	130	257	7	2	012670040
T45	130	257	8	2	012670045



1267TX/D7 1 012670307
T6-T8-T10-T15
T20-T25-T30



1267TX/S13 1 012670312
T5-T6-T7-T8-T9
T10-T15-T20-T25
T27-T30-T40-T45

1267MC/TX

drivers for Torx® head screws, with handles, coloured



	L mm	L1 mm	Ø mm		
T6	50	150	3	5	012672006
T8	60	160	3	5	012672008
T10	80	188	4	5	012672010
T15	80	188	4	5	012672015
T20	100	208	4,5	5	012672020
T25	100	208	5	3	012672025
T30	115	234	6	3	012672030



1267MC/TX-D7 1 012672307
T6-T8-T10-T15
T20-T25-T30

1268RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
T9	60	167	4,0	3	012680009
T10	80	188	4,0	3	012680010
T15	80	188	4,0	3	012680015
T20	100	208	4,5	3	012680020
T25	100	208	5,0	3	012680025
T27	115	234	6,0	3	012680027
T30	115	234	6,0	3	012680030
T40	130	257	7,0	2	012680040



1268RTX/S8 1 012680307
T9-T10-T15-T20
T25-T27-T30-T40

1269PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm		
0	60	160	5	012690000
1	80	188	5	012690001
2	100	219	5	012690002
3	150	277	3	012690003
4	200	327	3	012690004



1269PZ/S4 1 012690304
PZ0-PZ1-PZ2-PZ3

1269N/PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws, extra-short series



UNI/ISO 8764

PZ	L mm	L1 mm		
1	30	87	5	012690011
2	30	87	5	012690012

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 5 012810302
0,8x4-1,2x6,5 mm
1281LP/2 5 012810304
1x5,5-1,2x6,5 mm

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

1/4"



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

1/4"



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

1/4"



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

BetamaX
MAXIMUM PERFORMANCE

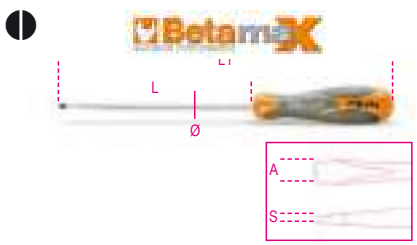
The **BetaMax screwdrivers** rely on several technical characteristics to make work operations even easier.

- The handle is inspired by the triangular section, which ensures optimal screwing, based on a 120° range, in line with maximum wrist rotation.
- The design provides remarkable ergonomic properties, during both quick screwing and tightening operations.
- The chrome-plating free tip ensures perfect coupling with the screw and is protected from oxidation with phosphate-coating treatment.



1290

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012900003
0,4x2,5x75	171	2,5	5	012900006
0,5x3x75	171	3,0	10	012900009
0,5x3x100	196	3,0	10	012900012
0,6x3,5x75	171	3,5	10	012900018
0,6x3,5x100	196	3,5	10	012900021
0,8x4x100	196	4,0	10	012900030
0,8x4x125	221	4,0	10	012900033
0,8x4x150	246	4,0	10	012900036
1x5,5x100	209	5,0	10	012900039
1x5,5x150	259	5,0	10	012900042
1,2x6,5x100	220	6,0	10	012900048
1,2x6,5x150	270	6,0	10	012900051
1,2x8x150	282	7,0	3	012900057
1,2x8x200	332	7,0	3	012900060
1,6x10x200	332	8,0	3	012900066
2x12x250	382	10	2	012900069

1290/S

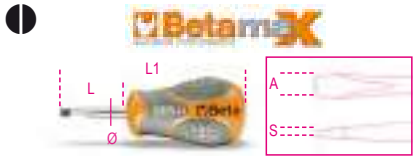
screwdriver set



1290/S5		1	012900305
1290	0,5x3x75-0,8x4x100 -1x5,5x150 1,2x6,5x150 -1,2x8x150 mm		
1290/S9X		1	012900319
1290	0,4x2,5x75 - 0,5x3,5x100 0,8x4x125 - 1x5,5x150 1,2x6,5x150 - 1,2x8x200 1,6x10x200 mm		
1290N	0,8x4x30 -1,2x6,5x30 mm		

1290N

screwdrivers for slotted head screws
extra short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86	4	5	012900103
1,2x6,5x30	86	6	5	012900106

1292

screwdrivers for cross head Phillips® screws



UNI/ISO 8764

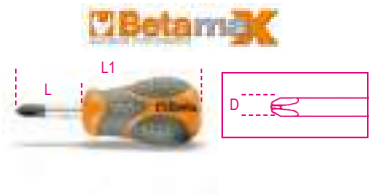
PHxDxL mm	L1 mm		
0x3x60	156	10	012920003
0x3x100	196	5	012920006
1x4,5x80	189	10	012920009
1x4,5x120	229	10	012920012
2x6x100	220	10	012920018
2x6x150	270	10	012920021
3x8x150	282	3	012920024
4x10x200	332	3	012920027



1292/S4 PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		1	012920304

1292N

screwdrivers for cross head Phillips® screws
extra short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86	5	012920103
2x6x30	86	5	012920106

1292L

screwdrivers for cross head Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	396	3	012920203
1x4,5x400	509	3	012920206
2x6x400	520	3	012920209

1293/D...
screwdriver set



1293/D6 — 1 — 012930401

1290	0,6x3,5x75-1x5,5x150 1,2x6,5x150 mm
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm

1293/D8 — 1 — 012930403

1290	0,5x3x75-0,8x4x100 1x5,5x150-1,2x6,5x150 1,2x8x150 mm
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm

1293/S...
screwdriver set



1293/S8 — 1 — 012930208

1290	2,5x50-3x75-4x100-5,5x150 6,5x150 mm
1292	PH0x3x60-PH1x4,5x80 PH2x6x100 mm

1293/S10 — 1 — 012930201

1290	0,4x2,5x50 -0,6x3,5x100 1x5,5x100-1,2x6,5x150 1,2x8x150-1,6x10x200 mm
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100-PH3x8x150 mm

1293/S12 — 1 — 012930203

1290	0,5x3x75-0,8x4x125 1x5,5x150-1,2x6,5x150 1,2x8x200 mm
1290N	0,8x4x30 mm
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100-PH3x8x150 mm
1292N	PH1x4,5x30-PH2x6x30 mm

1293/S7 — 1 — 012930207

1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm
1294	0,5x2,5x60-0,6x3x75 0,8x4x100-1x5x125 mm



1293ES
hexagon drivers with handles



mm	L mm	L1 mm	Ø mm		
2	100	196	3	5	012930001
2,5	100	196	4	5	012930002
3	100	196	4	5	012930003
4	100	196	5	5	012930004
5	100	209	6	5	012930005
6	125	245	7	5	012930006
8	150	282	10	2	012930008



1293ES/S7 — 1 — 012930057
2-2,5-3-4-5-6-8 mm

1293BP
ball head hexagon drivers with handles



mm	L mm	L1 mm		
2	100	196	5	012930501
2,5	100	196	5	012930502
3	100	196	5	012930503
4	100	196	5	012930506
5	100	209	5	012930509
6	125	245	5	012930512
8	150	282	2	012930515



1293BP/S7 — 1 — 012930558
2-2,5-3-4-5-6-8 mm

1294
screwdrivers for headless slotted screws

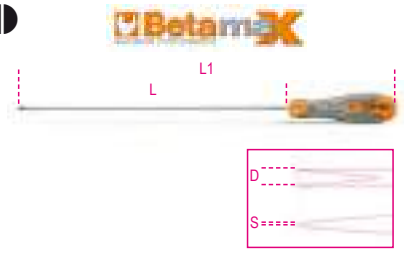


SxDxL mm	L1 mm		
0,5x2,5x60	156	5	012940003
0,6x3x75	171	5	012940006
0,6x3x100	196	5	012940009
0,8x4x100	196	5	012940012
0,8x4x150	246	5	012940015
1x5x125	234	5	012940018
1,2x6,5x150	282	5	012940027



1294/S5 — 1 — 012940305
0,5x2,5x60-0,6x3x100
0,8x4x100-1x5x125
1,2x6,5x150 mm

1294L
screwdrivers for headless slotted screws long series



SxDxL mm	L1 mm		
0,6x3x300	396	3	012940206
0,8x4x400	496	3	012940209
1x5x400	509	3	012940215
1,2x6,5x400	532	3	012940218

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

1297TX

drivers for Torx® head screws,
with handles



	L mm	L1 mm	Ø mm		
T6	50	146	3,0	5	012970006
T7	50	146	3,0	5	012970007
T8	60	156	3,0	5	012970008
T9	60	169	4,0	5	012970009
T10	80	189	4,0	5	012970010
T15	80	189	4,0	5	012970015
T20	100	209	4,5	5	012970020
T25	100	209	5,0	5	012970025
T27	115	235	6,0	5	012970027
T30	115	235	6,0	5	012970030
T40	130	262	7,0	2	012970040
T45	130	262	8,0	2	012970045



1297TX/S12 T6-T7-T8-T9-T10 T15-T20-T25-T27 T30-T40-T45	1	012970312	



1297TX/D6 T10-T15-T20 T25-T27-T30	1	012970409	

1297TX/L

drivers for Torx® head screws, long series



	L mm	L1 mm	Ø mm		
T15	210	319	4,0	2	012970115
T20	210	319	4,5	2	012970120
T25	210	319	5,0	2	012970125
T30	210	330	6,0	2	012970130
T45	210	342	8,0	2	012970145



1297TX/L-S5 TX/L15-TX/L20-TX/L25- TX/L30-TX/L45	1	012970325	

1298RTX

screwdrivers for Tamper Resistant Torx®
head screws, with handles



	L mm	L1 mm	Ø mm		
T9	60	169	4,0	5	012980009
T10	80	189	4,0	5	012980010
T15	80	189	4,0	5	012980015
T20	100	209	4,0	5	012980020
T25	100	209	4,5	5	012980025
T27	115	235	5,5	5	012980027
T30	115	235	6,0	5	012980030
T40	130	262	7,0	2	012980040



1298RTX/S8 T9-T10-T15-T20 T25-T27-T30-T40	1	012980308	

1299PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm		
0	60	156	5	012990000
1	80	189	5	012990003
2	100	220	5	012990006
3	150	282	2	012990009
4	200	332	2	012990012



1299PZ/S6 1299PZ PZ0-PZ1-PZ2-PZ3 1299N/PZ PZ1-PZ2	1	012990306	

1299N/PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws
extra short series



UNI/ISO 8764

PZ	L mm	L1 mm		
1	30	86	5	012990021
2	30	86	5	012990024

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:

Diagnostics	
	items 1438 to 1499 items 1758VT to 1760TMC
Engine	
	items 955 to 989A items 1438 to 1499
Oil and filters	
	items 1438 to 1499 items 1877 to 1885
Electric system	
	items 1438 to 1499
Starters	
	items 1498BC/12 to 1498/40A
Transmission	
	items 1438 to 1499
Suspension	
	items 1549 to 1569CP
Brakes	
	items 1438 to 1499
Wheels	
	items 955 to 989A
Body work	
	items 1302 to 1369 items 1763 to 1767A
Other equipment	
	items 1875LT to 3067
Jacks	
	items 3029/2T to 3067/70-13T



1302
double end dolly, round, convex pein head



g 770 — 1 013020001

1303
curved dolly



g 1350 — 1 013030001

1304
sole dolly



g 875 — 1 013040001

1305
toe dolly



g 1190 — 1 013050001

1305Z
milled toe dolly



g 1065 — 1 013050002

1306
heel dolly



g 1040 — 1 013060001

1307
regular dolly



g 1100 — 1 013070001

1308
egg dolly



g 1100 — 1 013080001

1310
general purpose dolly



g 1225 — 1 013100001

1312
anvil dolly



g 1220 — 1 013120001

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



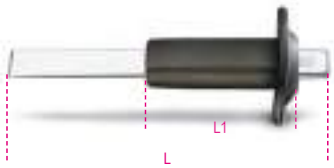
	″/1		
1338R9	9	2	013380004
1338R12	12	2	013380005

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

1344
feeler gauges for car body repair shops, pair, 10-bladed, with suction cup

suitable for:
- **fitting rear windows**
- **maintaining position during installation**



1344	1	013440010

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



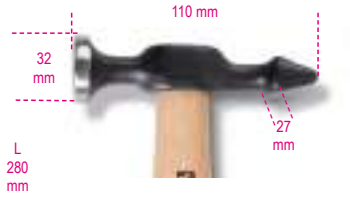
1353	2	013530010

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

1360G
soft dead-blow rubber hammer, for installing gaskets and delicate parts

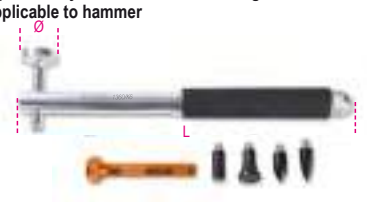
The extremely soft faces prevent any parts being worked on from getting damaged, as they absorb impact by getting deformed.



L mm	Ø mm		
280	72	1	013600000

1360/K6
aluminium hammer with flat, round face, interchangeable plastic pins and punch

supplied with:
- **4 plastic pins**
- **1 punch, adjustable in 2 different lengths, applicable to hammer**



L mm	Ø mm		
320	34	1	013600006

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/C12
set of Teflon® rods for body repair shops

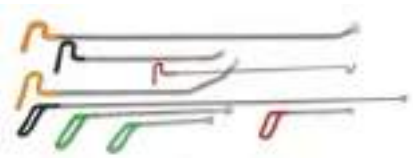


1361/C12	1	013610012

275x160x57 mm

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

1362B

circular dent reflector made from textile material

- surface fully covered with a nonscratch material
- supplied in a small transport bag

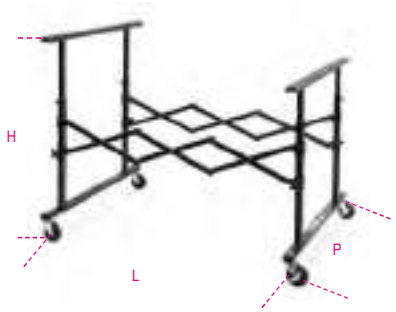


	Ø mm		
1362B	755	1	013620011

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°

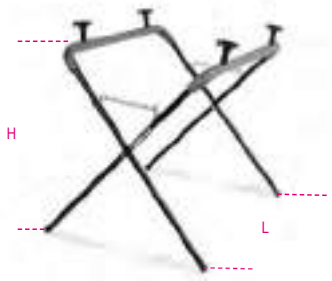


	H mm	L mm	P mm		
	1300	1100	680	1	013640003

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

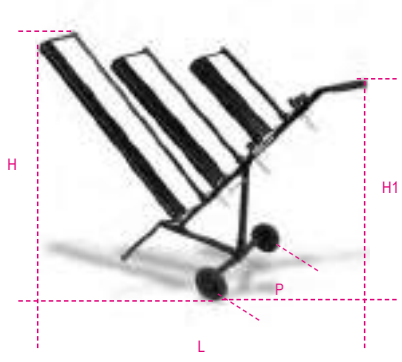


	H mm	L mm		
	1250	950	1	013640004

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



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



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

1366ST
crossbar for repairing dents on metal surfaces

articulated multihook head for use with crimped wire



L mm		
850	1	013660003

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/S4
set of punches for installing parking sensors

sizes:
23 - 24 - 27 -28



1367/S4 — 1 — 013670104

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



1368

plastic repair kit

• Allows cracked and broken plastic parts to be quickly fixed

Power supply: 220÷240 V with Schuko socket
Heat gun cable length: 3.5 m
Power supply cable length: 1.35 m
2 power adjustments: 35-75 W
Heat gun with brass terminals, 2 staple insertion angles: 0°-90°
Input protection: thermal circuit breaker
Output protection: 10 A fuse
Metal gun pocket

CE



1368	1	013680001

1368G/K400

assortment of 400 clips for item 1368



1368G/K400	1	013680140

1368G/OD

corrugated clips, straight, for item 1368



1368G/OD	1	013680100

1368G/SD

spiral clips, straight, for item 1368



1368G/SD	1	013680110

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

1369/C11
assortment of 11 tools



1369/C11	1	013690033



1303
1305
1306
1302
1310
1314
1327
1338A
1353
1357Z/45
1390

470x340x70 mm - 15,2 kg

1370
engineer's hammers, wooden shaft



HICKORY

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



HICKORY

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



HICKORY

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



HICKORY

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



HICKORY

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:

Diagnostics
items 1438 to 1499
items 1758VT to 1760TMC

Engine
items 955 to 989A
items 1438 to 1499

Oil and filters
items 1438 to 1499
items 1877 to 1885

Electric system
items 1438 to 1499

Starters
items 1498BC/12 to 1498/40A

Transmission
items 1438 to 1499

Suspension
items 1549 to 1569CP

Brakes
items 1438 to 1499

Wheels
items 955 to 989A

Body work
items 1302 to 1369
items 1763 to 1767A

Other equipment
items 1875LT to 3067

Jacks
items 3029/2T to 3067/70-13T



1410/M
spring pulling hook wrench



Ø mm		
3,5	2	014100051

1428
pullers for damaged nuts with square drive

3/8" 1/2"



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

1428L
socket pullers, long series, for damaged right-hand nuts, with square drive

1/2"



mm		
17	1	014280217
19	1	014280219
21	1	014280221

1/2"



1428L/B3 17-19-21 mm	1	014280303

3/8" 1/2"



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" 1/2"



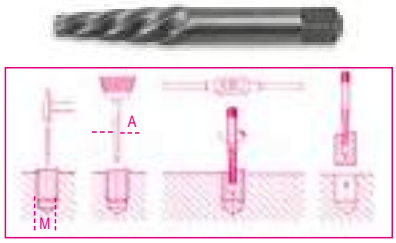
mm	□	L mm		
2	3/8	60	3	014290002
3	3/8	60	3	014290003
4	3/8	60	3	014290004
5	3/8	60	2	014290005
6	3/8	60	2	014290006
8	1/2	70	2	014290008
10	1/2	70	2	014290010

3/8" 1/2"



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 mm	A mm		
1430/1	3÷6	2,5	10	014300006
1430/2	6÷8	3,0	10	014300008
1430/3	8÷11	4,5	10	014300011
1430/4	11÷14	6,0	10	014300014
1430/5	14÷18	8,0	10	014300018
1430/6	18÷24	11,0	5	014300024
1430/7	24÷33	14,0	5	014300033
1430/8	33÷50	21,0	5	014300050



1430/S5 1430/1-1430/2-1430/3 1430/4-1430/5	1	014300105
1430/S6 1430/1-1430/2-1430/3 1430/4-1430/5-1430/6	1	014300106
1430/S8 1430/1-1430/2-1430/3 1430/4-1430/5-1430/6 1430/7-1430/8	1	014300108

1431/...
tapered extractors for broken screws and studs

For removing screws and studs that cannot be held firmly, percussion mechanism



	M	A mm	L mm	□ mm		
1431/3	3÷6	2,5	59	5	10	014310051
1431/5	6÷8	5,0	68	5	10	014310052
1431/6	8÷11	6,0	72	6	10	014310053
1431/8	11÷14	8,0	77	8	10	014310054
1431/9	14÷18	9,0	82	9	10	014310055

1431/C5
tapered extractors for broken screws and studs

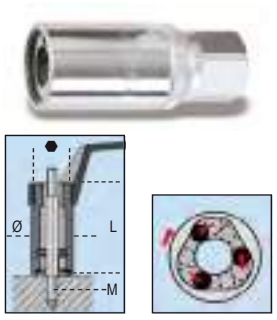
Percussion mechanism



	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



1433/C11 M5 - M6 - M7 - M8 - M9 - M10 - M10,5 M11 - M12 - M14 - M16	1 014330311

340x135x56 mm - 1,0 kg 3,0 kg

1435
eccentric stud extractor



ø mm	
4÷20	1 014350001

1435R
spare wheel for item 1435



1435R	1 014350010

1435/1
eccentric stud extractor



ø mm	
19÷26	1 014350002

1435/1R
spare wheel for item 1435/1



1435/1R	1 014350011

1437/C12
assortment of 12 tools for removing air bags



1437/C12	1 014370001

260x160x55 mm - 1,0 kg

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
22÷25	5 014380103

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

1438K/DSG-2
tool set for aligning 6- and 7-speed DSG clutches

for use with 6-speed DSG and manual-shift, 7-speed DSG (series 1 and 2) and S-tronic gearboxes.



1438K/DSG-2	1 014380260

350x370x117 mm - 10 kg

1438K/PWR
removal/installation tool set
for Powershift dual clutch transmission



1438K/PWR	1 014380270

440x400x85 mm - 10 kg

1438DCT/S
tool set for aligning Ford dry dual clutches

for clutch alignment
after carrying out jobs like clutch oil seal replacement



1438DCT/S	1	014380305

440x400x85 mm - 8 kg

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



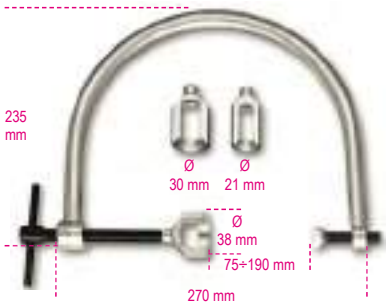
	Ø mm	L mm		
1440/0	40÷75	50	1	014400000
1440/1	57÷125	80	1	014400010
1440/1A	57÷125	100	1	014400011
1440/2	90÷175	80	1	014400020
1440/2A	90÷175	100	1	014400021
1440/3	90÷175	165	1	014400030

1445/1 - 1445/2
piston ring expanders



	Ø mm		
1445/1	50÷100	1	014450001
1445/2	90÷150	1	014450002

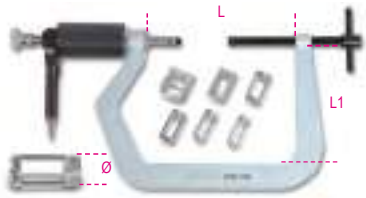
1452K
valve spring compressor, with three flanges



1452K	1	014520100

1452PN/K
pneumatic tool for engine valve springs

Thrust pressure: 1400 N



Ø mm	L mm	L1 mm		
16-19-23	230	185	1	014520110
25-30-42				

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

1462CF-SN/C6
set of 6 single-ended, articulated hexagon wrenches for fuel injector connectors

sizes:
12-14-16-17-18-19



1462CF-SN/C6	1 014620026

275x182x64 mm

1462CF-SN
single-ended, articulated hexagon wrenches for fuel injector connectors



mm	
12	1 014620032
14	1 014620034
16	1 014620036
17	1 014620037
18	1 014620038
19	1 014620039

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/KU
universal tool assortment for removing diesel common rail injectors

Complete with pliers and hammer



1462/KU	1 014620100

390x290x100 mm - 4,5 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

1462AD/BSC
adapter for removing Bosch common rail injectors

For use with items Beta 960KI and Beta 1462/KU



1462AD/BSC	1 014620435

1462AD/SMN
adapter kit for removing Siemens and Denso injectors

For use with item Beta 960KI/1462KI



1462AD/SMN	1 014620436

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

1463/KIT
valve timing system pulley locking kit



1463/KIT	1	014630001

280x140x75 mm - 1,2 kg

1464T
digital pressure and compression tester

SPECIFICATIONS
- **5" touch screen display**
- **rechargeable polymer lithium battery**
- **complete with 80 bar sensor (for low pressure) and USB cable**



A major advantage of item 1464T is that you can purchase several different additional kits to perform other tests as well, including the high pressure circuit test in common rail engines:

- **1464ADB** for testing AdBlue® system pressure
- **1464VD** for measuring and storing maximum vacuum value
- **1464FAP** for testing diesel particulate filter (DPF) pressure
- **1464APB** for testing high pressure system in FSI petrol engines
- **1464PF** for testing pressure in braking system
- **1464PT** for testing turbo pressure
- **1464TDI** for testing pump pressure in TDI engines
- **1464FG** Set of dummy regulators for testing diesel common rail system
- **1464CBD** Comprehensive adapter set for testing compression in petrol and diesel engines
- **1464IC** Set of dummy injectors and dummy glow plugs to check compression in diesel engines
- **960AD/TP2** for petrol and diesel engine compression, engine oil pressure, common rail low pressure, petrol injection pressure

1464T	1	014640050

1464T/SP80
pressure sensor, 80 bars,
for items 1464T and 960TP



1464T/SP80	1	014640053

960AD/TP2
set of adaptors for item 960TP
in plastic case



960AD/TP2	1	009600510

430x310x50 mm - 3,2 kg

1464CBD
comprehensive adapter set for testing compression in petrol and diesel engines, with tester 1464T

Makes it possible to connect to engine to test petrol and diesel compression with tester 1464T
Contents:
- 8 dummy spark plugs with non-return valves
- 44 dummy glow plugs with non-return valves
- 1 adjustable universal dummy injector for cars, trucks, marine engines and agricultural machines
- 1 90° adapter, pressure release valve and connecting hose
- space accommodating tester 1464T in case



1464CBD	1	014640300

510x410x140 mm - 5,5 kg

1464IC
complete set of dummy injectors and dummy glow plugs for item 1464T

Makes it possible to connect to the engine to check compression in diesel engines with digital tester 1464T.

Contents:
- 22 dummy glow plugs
- 5 dummy injectors
- 1 universal dummy injector kit for cars, trucks, marine engines and agricultural machines



1464IC	1	014640350

559x312x50 mm - 4,5 kg

1464IC/RK
universal dummy injector kit for cars, trucks, marine engines and agricultural machines

supplied with item 1464IC



1464IC-RK	1	014640377

200x110x30 mm - 885 g

1464AP
set for testing high pressure system in common rail diesel engines, with item 1464T

Complete with:
- high pressure pipe set
- fittings
- 2,000 bar sensor



1464AP	1	014640450

430x310x50 mm - 1,8 kg

1464AP T
high-pressure pipe
for items 1464AP and 960TAP



1464AP T12X12	1	014640453
1464AP T12X14	1	014640454
1464AP T14X12-M1,0	1	014640455

1464AP T16X12



1464AP T16X12	1	014640456

1464FG

set of dummy regulators
for testing diesel common rail system
(for use with Beta 1464T-1464AP)

Used with the tester and suitable adapters, it makes it possible to determine whether the problem is the high pressure pump or the regulator when there is no pressure in the high pressure circuit in common rail engines.
Recommended for Bosch, Delphi, Denso and Siemens pressure regulators



1464FG 1 014640470

350x250x80 mm - 1,8 kg

1464FG/CP4

dummy regulator for Bosch CP4 pump,
not supplied with item 1464FG



1464FG/CP4 1 014640475

1464APB

set for testing high pressure
system in FSI petrol engines,
for use with item 1464T

comes with 200 bar sensor
and connectors



1464APB 1 014640500

240x210x50 mm - 0,5 kg



1464PB

set of 9 connectors for testing
fuel low pressure
(for use with item 1464T)

Quick connectors to tester 1464T
allow fuel low pressure in diesel and petrol engines to be quickly checked



1464PB 1 014640700

530x440x120 mm - 3,8 kg

1464ADB

set for testing AdBlue® system pressure
for item 1464T

Supplied with adaptors for use with 80-bar standard sensor supplied with item
1464T



1464ADB 1 014640620

240x210x50 mm - 0,5 kg

1464FAP

set for testing diesel particulate filter (DPF) pressure
for item 1464T

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

1464TDI

set for testing
pump pressure
in TDI engines,
for use with item 1464T

comes with connector



1464TDI 1 014640600

240x210x50 mm - 400 g

1464VD

vacuum testing set
for item 1464T

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

1464PF

set for testing pressure in braking system, for use with item 1464T

comes with adapters and connectors



1464PF	1	014640650

400x280x60 mm - 3 kg

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

CE



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

1466L 11

brake bleeding wrench, 11 mm, long version



	⬡ mm	L mm		
1466L 11	11	60	1	014660211

1466TLF

brake oil recovery tank capacity: 1.5 l

Quick coupler for bleeding pipe Ø 5.5 mm



1466TLF	1	014660201

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

1467/RK2

spare filler for item 1467



1467/RK2	1	014670502

1467LF/2

electric instrument for brake fluid replacement

with "pulsating effect" function

CE



- 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

1467TU
plug for brake fluid tanks

- can be adapted to 90% of available tanks
- for use with Beta's item 1467LF



1467TU	1	014670090

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		
210	1	014700001
330	1	014700002
540	1	014700010

1470FT
drum brake shoe spring clamp pliers

40° angled noses
Easy access to awkward spaces



L mm		
184	1	014700000

1470PF
tool for replacing cylinders
in drum brakes
jaws remain open, for easy cylinder replacement

38"



⬡ 17 mm

A mm		
25÷140	1	014700200

1471
drum brake spring pliers



L mm		
330	1	014710001

1471A
handbrake wire pliers



A max mm	B mm		
45	5	2	014710010

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



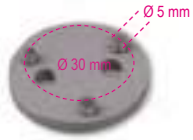
Ø mm	Kg	Bar		
50	150	5÷8	1	014710069

1471M/P
worn pad and TRW-Mégane caliper adapters



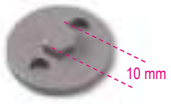
1471M/P	1	014710080

1471M/W50
VW Passat handbrake adapter (≥ 2005)



1471M/W50	1 014710079

1471PN/B1
Ford handbrake adapter



1471PN/B1	1 014710081

1471PN/B2
Daily handbrake adapter



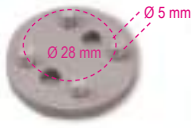
1471PN/B2	1 014710082

1471PN/B3
BMW handbrake adapter



1471PN/B3	1 014710083

1471PN/B4
BMW handbrake adapter



1471PN/B4	1 014710084

1471PN/B5
Mini/ BMW handbrake adapter



1471PN/B5	1 014710085

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/GE
heavy-duty Clic® collar pliers

particularly suitable for large-size clippers



L mm		
230	1	014720093

1472FC/L
Clic® collar pliers with flexible extension



L		
630 mm	1	014720095

1472FCL/RP
spare cable for pliers 1472FC/L



1472FCL/RP	1 014720096

1472FCA
collar removal pliers
with Visa ® type rack



1472FCA	1 014720041

1472H
Henn clamp removal tool



L mm		
1472H 100	1	014720000

1472MT/VW
pair of claws for disconnecting
suction manifolds in VAG cars

Can be used on turbocharged petrol engines 1.0 - 1.2 - 1.4



1472MT/VW	1 014720500

1472TM
quick coupler pliers for multijet filters



1472TM	1 014720200

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		
1473P	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

1473T
steel collar cutting nippers

allows collars to be cut
without risking damaging guards, sleeves etc.



A Max mm	L mm		
14	220	1	014730582

1474/C4
kit of 4 tools for removing Volkswagen spark plug coils



1474/C4	1	014740100

290x190x50 mm - 1 kg

1474E/VW
expansion puller for ignition coils,
Volkswagen group



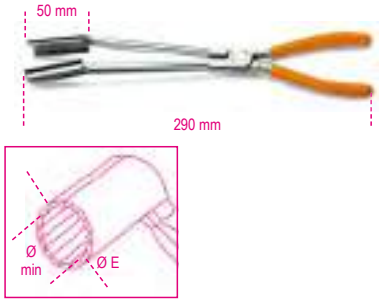
1474E/VW	1	014740120

1474E/VW2
ignition coil puller,
for VAG group vehicles
for use on engines 1.0 - 1.2 - 1.4 - 2.0



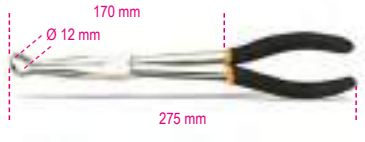
1474E/VW2	1	014740150

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



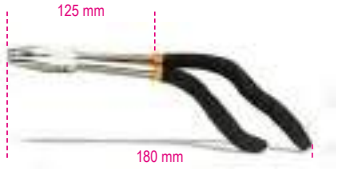
1474DL	1	014740015

1474G
curved long nose pliers
for removing glow plug caps



1474G	1	014740200

1475U
combination pliers,
bright chrome-plated,
double layer PVC coated gun handles



1475U	1	014750010

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

1476C/1
exhaust pipe expanders



1476C/1	1	014760101

Ø 30÷42 mm
L = 131 mm
L1 = 51 mm

1476GT
pliers for removing rubber supports
from exhaust pipes



L mm	A Max mm	mm		
280	58	3	1	014760050

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

1476T
wrench for removing/installing turbines
on Volkswagen Audi diesel engines

38"



mm		
12	1	014760200

1477/C10
bent wrench with 9 bits
for belt tightening nuts

1 bent wrench with bit drive
4 double bi-hex bits: 12x14 - 13x15 - 16x17 - 18x19 mm
5 bits for Torx(R) head screws: E10 - E12 - E14 - E16 - E18



1477/C10	1	014770310

530x110x55 mm

1477D
ring wrenches for belt tightening nuts



mm		
13	1	014770113
15	1	014770115
16	1	014770116
17	1	014770117
19	1	014770119

1477D/S5
set of 5 ring wrenches for belt tightening nuts



1477D/S5 13-15-16-17-19 mm	1	014770200

600x200x70 mm - 2,2 kg

1477K/7
kit with bent reversible ratcheting wrench
and bits



- 2 TORX T40-T45 bits
- 1 XZN 10 bit
- 1 hexagon bit, 8 mm
- 3 bi-hex bits, 10-12-13 mm

	L mm		
1477K/7	250	1	014770051

1478
pin removing pliers



1478	1	014780001

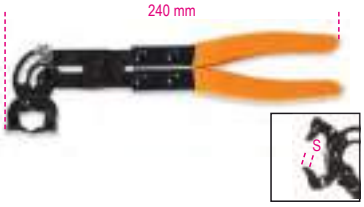
1478NSS
plastic pin removal pliers
with 3 release points



	L mm		
1478NSS	180	1	014780163

1478T
plastic pin removable pliers
with swivel head and pressure clips

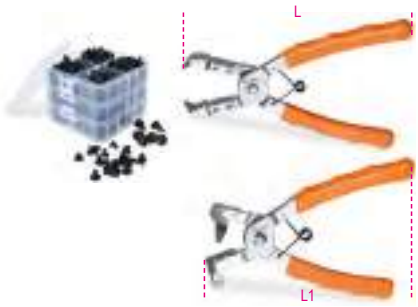
Head can be rotated 90°



	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

1479L/S2
multipurpose wrecking bars, pair, made of Teflon ®



1479L/S2	1	014790510

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

1479ML/B17
kit of 17 multipurpose wrecking bars, made of plastic

particularly recommended for precision jobs



1479ML/B17	1	014790700

1479ML/S3
kit of 3 multipurpose wrecking bars, made of plastic

Particularly recommended for precision jobs



1479ML/S3	1	014790603

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

1481/C12
Kit of 6 pairs of hose pliers

Kit contents:
- 2 different pairs of pliers size 1/4"
- 2 different pairs of pliers size 3/8"
- 2 different pairs of pliers size 5/16"
- 3 pairs of rubber caps



1481/C12	1	014810312

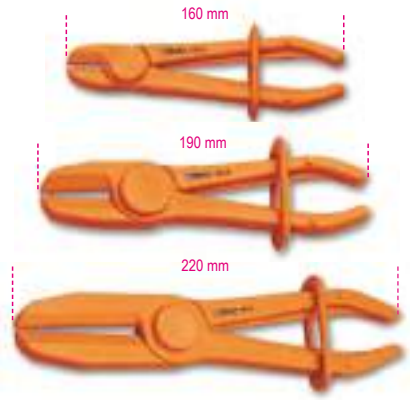
370x270x59 mm

1481K/S4
kit of 4 self-locking terminals for line obstruction
sizes:
5/16" - 3/8" - 1/2" and loop



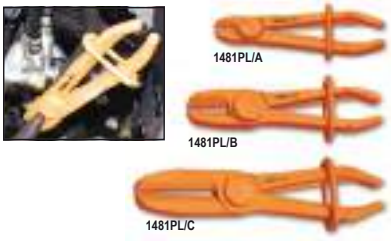
1481K/S4	1	014810400

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



1481T/C12
set of fuel line plugs

3 pairs of plugs with male/female quick couplers for closing fuel lines



1481T/C12	1 014810212

275x220x45 mm - 540 g

1482
adjustable self-locking wrench for tank floating ring nuts



Ø mm	
89÷170	1 014820001
89÷200	1 014820002

1482A/1
3-leg wrench for floating ring nuts, tank with aluminium ring nut

For operating on aluminium ring nut installed on Fiat, Volkswagen, Opel, Chevrolet, Mercedes and BMW cars since 2011

12"



Ø mm	
185	1 014820005

1482A/3
wrench for tank floating ring nuts, PSA group

So designed as to make it possible to operate on decentralized axis by removing ring nut, without damaging delicate fuel line



Ø mm	
157	1 014820007

1482A/5
wrench for tank floating ring nuts, 22 sectors

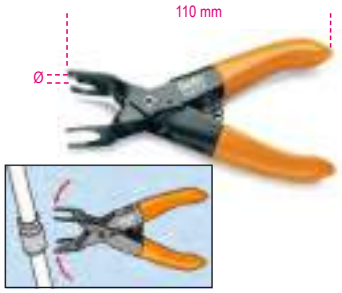
for use on plastic ring nuts in VAG group cars

12"



Ø mm	
180	1 014820015

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

1482C
wedges (2 pairs) for releasing diesel fuel filter fittings, Fiat, Volkswagen, Jeep, Chrysler and Volvo groups

Quick filter replacement without irreparably damaging fittings



1482C	1 014820022

1482D
quick coupler pliers for fuel pipes, with flexible extension



1482D	1 014820026

1483K/12
kit for removing valves from air-conditioning system with set of five-star head bits

Kit contents:
- **2 female octagon sockets, Ø 12 and 15 mm, for high-pressure valves**
- **2 male open end sockets, section 2.2 and 3.2 mm, for throttle valves**
- **1 set of five-star head bits: PT10, PT15, PT20, PT25, PT27, PT30, PT40**

1/4"

1/4



1483K/12	1 014830012

120x80x35 mm

1483KV-PT/S7
set of five-star head bits

Included sizes:
PT10 - PT15 - PT20 - PT25 - PT27 - PT30 - PT40

1/4



1483KV PT/S7	1 014830117

1483K/22

kit for separating couplers on air-conditioning, fuel supply and lubrication systems



1483K/22	1	014830022

300x230x55 mm - 1 kg

1484

set of 2 tools for removing and installing stretch belts

Allows stretch belt to be quickly removed and correctly installed, without risking damaging it



1484	1	014840010

1484PSA

tool for installing water pump stretch belt without belt tightener

for use for PSA and Opel group vehicles engines 1.0 - 1.2



1484PSA	1	014840012

1485BP

half-moon tool for locking toothed pulleys

can be adjusted through swivel handle, tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



A Max mm		
130	1	014850000

1485BPM

half-moon tool with aluminium jaws for locking multi-groove pulleys

can be adjusted through swivel handle; tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



A Max mm		
180	1	014850002

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

1485FCA/T

timing belt tensioner, long series, with 13.5 mm inserts



L mm	P mm		
175	13,3	1	014850210

1485FCA/TS

timing belt tensioner, articulated, with 13.5 mm inserts



L mm	P mm		
305	13,5	1	014850215

1485FRD/T

tensioning lever for service belts mounted on Ford engines

can be used to remove alternator pulleys

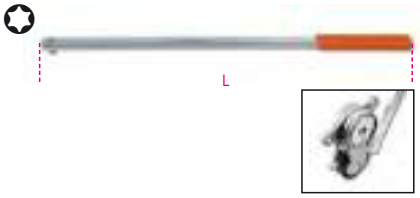


L mm	Q mm		
450	12,80	1	014850310

1485MRC/T

tensioning lever for service belts mounted on Mercedes engines

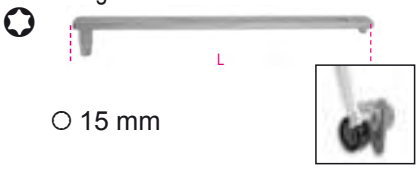
for use with M133 - M270 engines



L mm	○		
510	T55	1	014850315

1485VLV/T

tensioning lever for service belts mounted on Volvo engines



L mm	○	○ mm		
420	T50-T60	15	1	014850320

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



1485MJ
camshaft locking tool,
for 1.3 16V Multijet engines

2 3-form heads for working on all 1.3 16V Multijet engines of FCA, Opel, Ford and Suzuki group vehicles



	L mm		
1485MJ	500	1	014850150

1485PMTJ
driving shaft pulley release lever for Multijet engines
so designed as to lock driving shaft while removing pulley



L mm		
450	1	014850190

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

1485VAG/K2
tools for pre-loading timing belt bearings, pair

- **3-position swivel head**
- **1 tool with 12.5-mm-deep head**
- **1 tool with 21.5-mm-deep head**



1485VAG/K2	1	014850080

1485VAG
tools for pre-loading timing belt bearings

- **3-position swivel head**



	L mm	P mm		
1485VAG/12,5	190	12,5	1	014850062
1485VAG/21,5	195	21,5	1	014850071

1487/K2
2 sockets for radiator drain plugs

3/8"
⬡ 17 mm



1487/K2	1	014870100

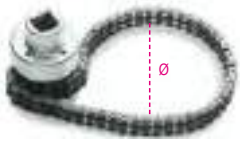
1488 - 1488L
oil-filter wrench with double chain



	Ø mm		
1488	60÷110	1	014880001
1488L	60÷160	1	014880050

1488/1
oil-filter wrench
with thin double chain

1/2"



Ø mm		
60÷110	1	014880010

1488R...
spare chain



1488RC	1488	350	1	014880101
1488R/L	1488/L	520	1	014880150
1488RC/1	1488/1		1	014880110

1489/31T
alternator pulley
free wheel wrench

1/2"



⬡	○			
T50	15	31	1	014890016

1489/33
alternator pulley free wheel wrench



1489/33	33	1	014890010

1489/33P
alternator pulley free wheel wrench,
for new Bosch FIAT Grande Punto alternators



⬡ M	⬡ mm	mm		
10	15	31	1	014890015

1489/E
alternator pulley
free wheel wrench



⬡ mm	⬡ mm		
10	15	1	014890025

1489R
alternator pulley free wheel wrench



1489/R	1	014890020

1489/Y
alternator pulley free wheel wrench,
for Nippondenso alternators



⬡ mm		
32	1	014890040



1489/C14
assortment of 14 tools for free alternator pulleys

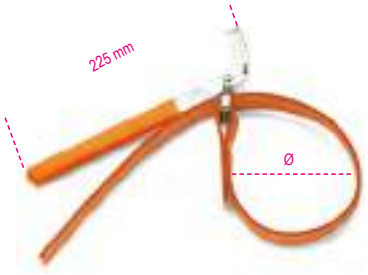


1489/C14	1	014890100

⬡	867PE	8 mm
	867PE/L	8 mm
⬡	867XZN/L	M10
⬡	867TX/L	T50
	867/2	□1/2"
⬡	920B	10 mm
	1489/33	
12"	1489/33P	M10
	1489R	
	1489/Y	
	1489/31T	T50
	1489/E	10 mm
	188	10 mm
	188	15 mm

420x250x45 mm - 1,9 kg

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			
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

1491T
adjustable truck oil filter pliers

Precision adjustment through rack
For use with drier filters



L mm	Ø min - Max mm		
500	70÷200	1	014910050

1492/1 - 1492/2
adjustable oil filter wrenches



	Ø mm		
1492/1	60÷80	1	014920001
1492/2	80÷110	1	014920002

1492T
drier filter wrenches

12"



	Ø mm	H mm		
1492T 40	125÷145	40	1	014920540
1492T 75	120÷140	75	1	014920575

1493B
bi-hex wrenches
for hard-to-reach oil filter cartridges

38"



mm	mm		
24	8	1	014930524
27	8	1	014930527
32	8	1	014930532
36	8	1	014930536
38	8	1	014930538

1493B/S5
set of 5 bi-hex wrenches
for hard-to-reach oil filter cartridges

sizes:
24-27-32-36-38 mm

38"



1493B/S5	1	014930599

1493
oil filter wrench

12"



Ø mm	N		
65	14	1	014930200
73	14	1	014930208
74	14	1	014930209
74	15	1	014930210
76	14	1	014930218
76-74	15	1	014930220
78	15	1	014930224
80	15	1	014930226
82-80	15	1	014930228
86	16	1	014930230
90	15	1	014930234
92	10	1	014930236
93	15	1	014930238
100	15	1	014930248
106	15	1	014930250
108	15	1	014930252
135	18	1	014930256

1493/PF
Purflux® oil-filter wrenches

12"



Ø mm	N		
66	6	1	014930202
76	12	1	014930216
76	30	1	014930222
86	18	1	014930232
93	36	1	014930240
93	45	1	014930242
96	18	1	014930246
108	18	1	014930254



1493/C30
set of 28 oil filter wrenches

12"



Sizes included in kit (Ø mm / n°. of sides)
1493:
65/14 - 67/14 - 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

1493AL
oil filter wrenches

N= number of sides

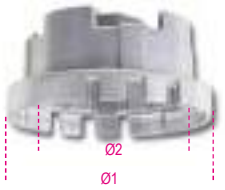
38"
12"



Ø mm	N	⬢	□		
64	14	27	½"	1	014930310
66,5	14	27	½"	1	014930315
74	14	27	½"	1	014930320
79	15	27	3/8"	1	014930325
84	14	27	3/8"	1	014930330
87	16	27	½"	1	014930335
92	15	27	3/8"	1	014930340
100,5	15	27	3/8"	1	014930350

1493AL 4S
oil filter wrenches
for Asian cars
4-hook profile

38"



Ø1 mm	Ø2 mm			
70	64,5	27	1	014930304
80	64,5	27	1	014930305

1493AL CF

hexagon socket wrenches
for oil filter cartridges

1/2"



Ø mm	H mm	⬢		
24	34	27	1	014930424
30	34	27	1	014930430
32,5	34	27	1	014930432
36	34	27	1	014930436
38	34	27	1	014930438

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

1/2"
3/8"



1493/C19	1	014930019	

490x450x60 mm - 4 kg

1493DSG

wrench for removing/installing
DSG oil filter

1/2"



○ mm			
24	1	014930800	

1493FF

wrench for removing/installing plastic seats of
Ford Peugeot Citroën oil filters
engines: TDCi-HDi

Allows plastic seat to be correctly tightened at 25 Nm by means of a torque wrench

1/2"



○ mm			
27	1	014930127	

1493FT

wrench for Ford Transit Diesel oil filters

Can be used for all
Transit, Transit Custom and Tourneo Custom versions manufactured since 2012

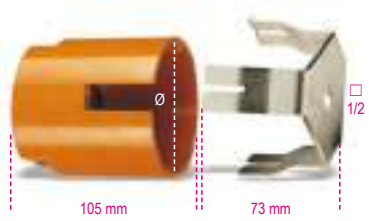
1/2"



Ø mm			
115	1	014930085	

1493J

wrench for MultiJet



Ø mm			
90	1	014930080	

1493VW

diesel oil filter wrench,
for VAG and Volvo cars

1/2"



Ø mm			
82,5	1	014930086	

1493HK

diesel oil filter wrench for
Hyundai Kia, 15-sided

1/2"



1493HK	1	014930087	

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		
1493/C7	50÷100	16	1	014930079

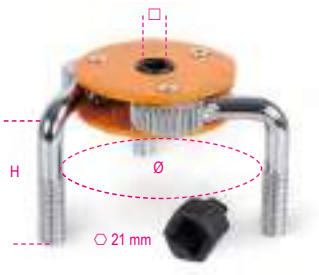
210x150x50 mm

1493H

self-adjusting oil filter wrench with 3 arms,
for right and left hand tightening

Knurled jaws

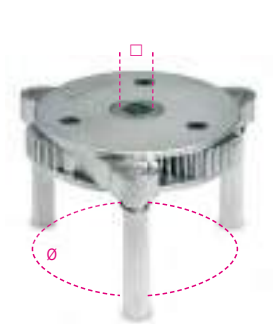
3/8"
1/2"



	Ø mm	H mm		
1493H	72÷127	62	1	014930077



1493/S-U
self-adjusting oil filter wrench with 3 arms, for right and left hand tightening



	□	Ø mm		
1493/S	3/8-1/2	80-115	1	014930074
1493/U	1/2	105-165	1	014930076

1493X
self-locking oil filter wrenches, for left-hand tightening

3/8"



	Ø mm	S mm		
1493X/1	60÷80	2,9	1	014930105
1493X/2	80÷98	2,9	1	014930110

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

1493C/ADB
socket for opening AdBlue® caps, for PSA group vehicles

3/8"

17 mm



1493C/ADB	1	014930900

1493U/ADB
socket for opening AdBlue® drain plugs

3/8"

17 mm



1493U/ADB	1	014930910

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

1494BMW
special socket for plastic oil drain plugs, for BMW engines

3/8"



1494BMW	1	014940315

1494FPC
special socket for plastic oil drain plugs, for Ford, Peugeot and Citroën engines

3/8"



1494FPC	1	014940320



1494VW
special socket for plastic oil drain plugs, Volkswagen engines

Allows plastic plug to be removed and installed from oil sump.
Specially designed for Volkswagen cars with TFSI and TDI engines

3/8"



1494VW	1	014940305

1494MRC
special socket for plastic oil drain plugs, for Mercedes engines

3/8"



17 mm

1494MRC	1	014940325

1494MAN
special socket for plastic oil drain plugs, for DAF and MAN engines

3/8"



17 mm

1494MAN	1	014940330

1494
square oil drain plug socket

1/2"



mm		
10	1	014940280

1494E
male hexagon oil drain plug sockets

1/2"



mm		
8	1	014940208
9	1	014940209
10	1	014940210
11	1	014940211
12	1	014940212
14	1	014940214
17	1	014940217

1494Q
male square oil drain plug sockets



mm		
8	1	014940258
9,5	1	014940259
12	1	014940262
13	1	014940263

1494T
male triangular oil drain plug socket



mm		
9,5	1	014940289

1494XZN
male oil drain plug socket with XZN® profile



M		
16	1	014940296

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

1494VW/KT
kit of 6 plastic caps for item 1494VW/K



1494VW/KT	1	014940311

1494/C14A
assortment of 14 oil change tools



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

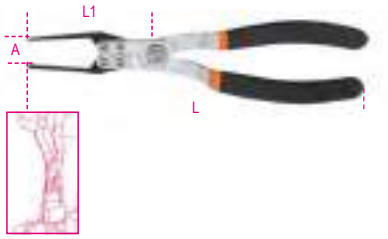
1497D
relay removal pliers, straight pattern



	A min÷Max mm		
1497D	15÷50	1	014970150

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		
1497BS	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		
1497SS	245	14÷70	1	014970195

1497TE
pliers for disconnecting electrical connectors

the extremely thin noses allow the clips to be released without damaging the connectors



	L mm	A Max	Ø mm		
1497TE	215	63	4	1	014970180

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



1497RC
t-taps, pair

- cable section: 1.5÷3.5 mm
- voltage: 0÷330V
- max. current: 5A



1497RC — 1 014970351

1497KB/S3
3 tool kit for removing Knorr and Bremse electrical connectors

- 1 tool for bayonet connectors
- 1 single head tool for 2-pole connectors
- 1 double head tool for 4- or 6- and 12-pole connectors



1497KB/S3 — 1 014970050

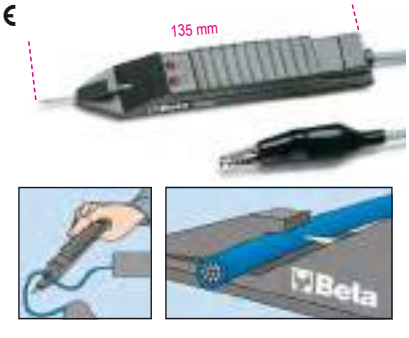
1497/S3
set of 3 cables for electrical signal detection

- 1 straight pc.
- 1 45° pc.
- 1 90° pc.



1497/S3 — 1 014970400

1498
voltage tester



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:

Diagnostics	
	items 1438 to 1499 items 1758VT to 1760TMC
Engine	
	items 955 to 989A items 1438 to 1499
Oil and filters	
	items 1438 to 1499 items 1877 to 1885
Electric system	
	items 1438 to 1499
Starters	
	items 1498BC/12 to 1498/40A
Transmission	
	items 1438 to 1499
Suspension	
	items 1549 to 1569CP
Brakes	
	items 1438 to 1499
Wheels	
	items 955 to 989A
Body work	
	items 1302 to 1369 items 1763 to 1767A
Other equipment	
	items 1875LT to 3067
Jacks	
	items 3029/2T to 3067/70-13T



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

1498MN/12-C

booster cable with clamps for item 1498BC/12



1498MN/12-C	1	014980005

1498MN/12-R

mains power supplies for mini starter 1498BC/12



1498MN/12-R	1	014980003

1498MN/12-P

car socket power supply for mini starters 1498BC/12



1498MN/12-P	1	014980004

1498MN/12-U

USB cables with universal U adapters



1498MN/12-U	1	014980009

1498LT/12

portable high-performance starter, ultralightweight



Technical Data:
- Operating voltage: 12 V
- Continuous amperage: 800 A
- Maximum starting amperage: 2000 A
- Peak amperage: 4000 A
- Cable length: 500 mm
- Battery type: 4-cell LifePo4
- Memory saving function: YES
- Dimensions: 260 x 135 x 72 mm
- Net weight: 2.5 kg
- Complete with charging power supply 12 V 1.3A

1498LT/12	1	014980012

1498LT/12-SF

wall fixing bracket for starter 1498LT/12



1498LT/12-SF	1	014980013

1498LT/12-R7

mains power supply for starter 1498LT/12



1498LT/12-R7	1	014980657

1498LT/12-24

portable high-performance starter, 12-24 V, ultralightweight,

suitable for use on cars, commercial vehicles and trucks



The microprocessor provides total protection against:
- polarity reversal
- short circuits
- incorrect voltage
- overloads
- underdischarge
- overcharge
- overtemperature

Technical data:
- operating voltage: 12/24V
- continuous amperage: 2000/1000 A
- maximum starting amperage: 5000/2500 A
- peak amperage: 10000/5000 A
- clamp amperage: 1000 A
- cable length: 160 cm
- cable section: 25mm²
- automatic power supply: 4 Amp
- memory saving function
- dimensions: 350x240x140 mm
- weight: 5 kg

1498LT/12-24 — 1 014980014

1498/12

Portable car starter, 12V



TECHNICAL DATA:
- Pickup current: 2200A
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type

1498/12 — 1 014980480

13 kg

1498/24

portable car and commercial vehicle starter, 12-24V



Technical Data:
- Pickup current: 4200A (12V) - 2100A (24V)
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type
- Weight: 17 kg

1498/24 — 1 014980490

1498B12/R02

12V spare battery for starters 12-24V



1498B/12-R02 — 1 014980502

1498/12-24 R20

mains power supply for starters items 1498/12 and 1498/24



1498/12-/24 R20 — 1 014980520



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

1498/4A

Electronic car/motorcycle battery charger, 6-12 V



- Protected against polarity reversal and short circuits
- Automatic 6 V or 12 V selection
- Automatic battery type selection
- Digital backlit display
- Pull-back fixing hook

TECHNICAL DATA
Power supply voltage: 220V-240V
Frequency: 50-60 Hz
Rated current (min-max): 1-4 Amp
Battery voltage: 6V/12V
Battery capacity: 4Ah-80Ah
Charging time: 12 hours
Degree of protection: IP65

1498/4A — 1 014980104

1498SA/2A-4A

cable with cigarette lighter plug for items 1498/2A and 1498/4A



1498SA/2A-4A — 1 014980120

1498/8A

Electronic car / commercial vehicle battery charger, 12 V



Features:
- Slow and quick charge (2A-8A)
- Flat battery recovery function
- Power supply function 13.8V-5A
- Protected against polarity reversal and short circuits
- Manual battery type selection
- Digital backlit display
- Pull-back fixing hook

Technical data:
- Power supply voltage: 220V - 240V
- Frequency: 50-60 Hz
- Rated current (min-max): 2-8 Amp
- Battery voltage: 12V
- Battery capacity: 5Ah-160Ah
- Memory saving feature: 13,8V - 5A
- Degree of protection: IP65

1498/8A	1	014980108

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

1498/16A

electronic multipurpose battery charger, 12-24V



- Backlit graphic display
- Max. charging current: 16A, continuous
- Charging and charge maintenance
- Protected against polarity reversal and short circuits
- 9 charging steps
- Floating system
- Show room function (13.8V - 12A)
- Supply function (14V - 12A)
- Memory saving function (13.8V - 12A)
- Battery recovery function
- Clamp holder
- Reclining hook fastening
- Supplied accessories: cable with clamp, cable with eyelets

Technical data:
- Power supply: 220-240V
- Power: 240W
- Charging current: 4-16A
- Battery types: Agm - Wet - Lithium (LiFePo4)
- Charging capacity: 5-360Ah
- Maintenance capacity: 5-550Ah
- Output voltage: 12-24V
- Minimum battery voltage: 0.8V
- Degree of protection: IP20

1498/16A	1	014980126

1498/25A

electronic multipurpose battery charger, 12-24V



Features:
- Backlit graphic display
- Maximum continuous charging current: 25A
- Charging and maintenance
- Protected against polarity reversal, short circuits
- 9 charging stages
- Floating system
- SHOW ROOM function (13,8V - 21A)
- SUPPLY function (14V - 21A)
- Memory saving function (13.8V - 21A)
- Battery recovery function
- Clamp holder
- Reclining fixing hook
- Supplied accessories: cable with clamp

Technical data:
- Power supply: 220-240V
- Power: 390W
- Charging current: 5-25A
- Battery type: Agm - Wet - Lithium (LiFePo4)
- Charging capacity: 5-550Ah
- Maintenance capacity: 5-800Ah
- Output voltage: 12-24V
- Minimum battery voltage: 0.8V
- Protection degree: IP20

	L mm	H mm	P mm		
1498/25A	260	130	75	1	014980125





1498/120A

electronic multipurpose battery charger, 12V

Allows batteries to be charged and powers motor vehicles while reprogramming and self-diagnosing



- maximum continuous charging current: 120A
- charging and maintenance with CPU microprocessor
- battery recovery function
- reprogramming and power supply for ECU
- protected against polarity reversal, short circuits, incorrect voltage and overload

TECHNICAL DATA
Power supply: 90-260V
Power: 1500W
Charging current: 10-120A
Battery type: Agm - Wet - Lithium (LifePo4)
Charging capacity: 10-1200Ah
Maintenance capacity: 5-3600Ah
Output voltage: 12 Volt
Cable length, with clamps: 2700 mm
Dimensions: 310 x 150 x 350 mm
Weight: 8.5 kg

1498/120A 1 014980142



1498/40A

multipurpose battery charger / starter, 12-24V wheeled

Since no internal battery is available, thestart function (max. 350A) does not replace that of a specific starter type1498LT/12 (2000A).



- 3 programmed charging cycles and 1 manual cycle
- electronic adjusting potentiometer
- specific WET-SPIRAL/GEL-AGM charging cycles
- electronic control and protection system
- 10-stage charging process
- battery desulfurization and recovery function
- supply function
- dual voltage, 12-24V
- also suitable for Start&Stop batteries
- professional rubber-insulated brass clamps

TECHNICAL DATA
Power supply: 230V
Output voltage: 12-24V
Charging current: 1-40A
Starting current: 350A max cc
Charging capacity: 4-450Ah

1498/40A 1 014980140

330x250x792

1498SM

memory saver, 12 V

prevents data stored by computer on board cars from getting lost during maintenance jobs or battery replacement.



Technical specifications:
- self-supplied
- internal battery Pb 5 Ah
- 12 volts
- professional connection with OBD socket

1498SM 1 014980020

1498SM-C

OBD II car memory saver connectors, 12V, for item 1498SM/C



1498SM-C 1 014980021

1498SM-CP

car memory saver connectors, 12V clamp, for item 1498SM/CP



1498SM-CP 1 014980022

1498SM-A

memory saver power supplies for item 1498SM/A



1498SM-A 1 014980023

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	
1498TB/6-12	290	170	75	1 014980420

1498TB/12-24
digital battery tester, 12V,
and starting/charging system analyzer, 12-24V

- **allows the following to be tested: battery, alternator (smart and normal) and starter, diode ripple and chassis test**
- **fitted with software for printing test from PC**
- **backlit display**
- **compact, shockproof frame**
- **10 language software**
- **complete with input for connecting a removable mini printer (optional accessory, Beta 1498ST/TB)**



Technical Data:
- Applications: 12V battery test - Alternator charge test, 12-24V - Starter test
- Operating range: 100-2000 CCA
- Reference standards: CCA,SAE,DIN,EN,IEC,JIS
- Supported batteries: PB, WET, GEL, AGM, AGM FLAT, EFB
- Voltmeter: 9V-36V
- Cable length: 1600 mm
- Languages: Italian, English, French, German, Spanish, Polish, Romanian, Dutch, Swedish and Finnish
- Accessories included: USB cable and software

1498TB/12-24	1	014980401

1498ST/TB
mini thermal printer
for tester item 1498TB/12

- **Mini printer can be directly connected to tester**
- **Allows test results to be printed**



1498ST/TB	1	014980410

1498ST/TB ROT
paper refill
for printer 1498ST/TB



1498ST/TB ROT	2	014980411

1498PC
voltage stabilizer, 12-24 V

Protects control units
in welding and starting processes



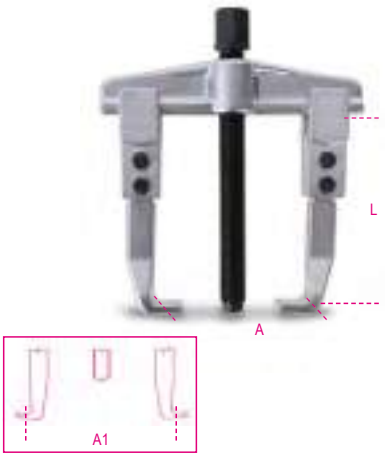
1498PC	1	014980801

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





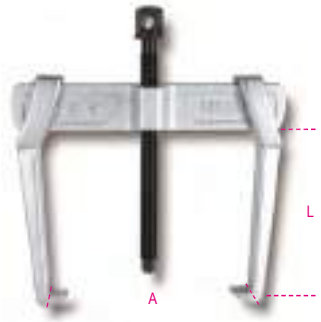
1500/SP5 1500/1-1500/2-1500/3 1500/4-1500/5	1	015000325
1500/SPV	1	015000001

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...

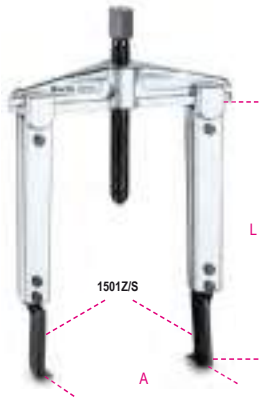
loose legs for pullers 1500N



	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

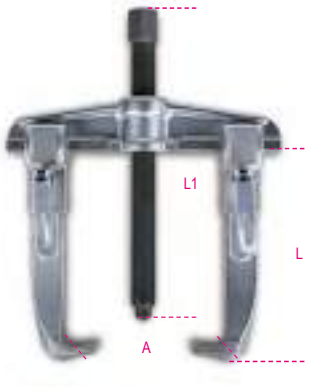
leg ends for item 1501G

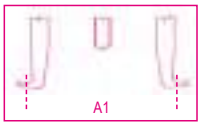


	mm	D mm		
1501Z/S	2,0	27	2	015010211
1501Z/P	3,6	27	2	015010212
1501Z/R	3,6	14	2	015010213

1502/...

two-leg universal pullers
with quick leg adjustment and closure







	L mm	L1 mm		
1502/0	100	166	1	015020000
1502/1	100	166	1	015020001
1502/2	150	247	1	015020002
1502/3	150	247	1	015020003
1502/4	200	321	1	015020004

	A min÷Max mm	A1 min÷Max mm
1502/0	40÷90	80÷130
1502/1	50÷130	90÷170
1502/2	65÷150	115÷210
1502/3	65÷190	125÷260
1502/4	70÷235	170÷335

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

1505/C5
windshield wiper removal kit

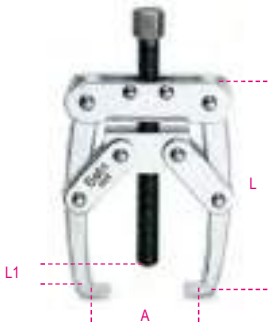
1 two-leg puller, Ø 25÷40 mm
4 half-moon tools, Ø 25 mm, Ø 30 mm, Ø 35 mm, Ø 41 mm



⬡ mm		
12	1	015050300

320x150x60 mm - 1,2 kg

1506
two-leg self-locking puller



	A min÷Max mm	L mm	L1 mm		
1506	10÷50	80	40	1	015060001

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

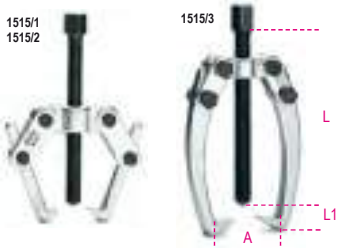
1511/1 - 2 - 3
external pullers
with two reversible legs



	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

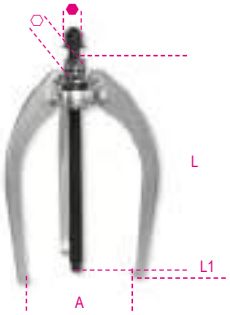


	L mm		
1516/1	85	1	015160001
1516/2	85	1	015160002
1516/3	105	1	015160003

	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	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 mm	⬣ mm
1517C/0	12÷140	18
1517C/1	20÷180	18
1517C/2	30÷280	18

1518/...
three-leg pullers

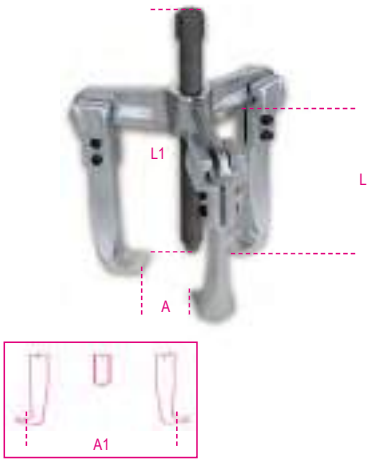


	L mm		
1518/1	105	1	015180001
1518/2	135	1	015180002
1518/3	235	1	015180003
1518/4	270	1	015180004
1518/5	270	1	015180005
1518/6	270	1	015180006

	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



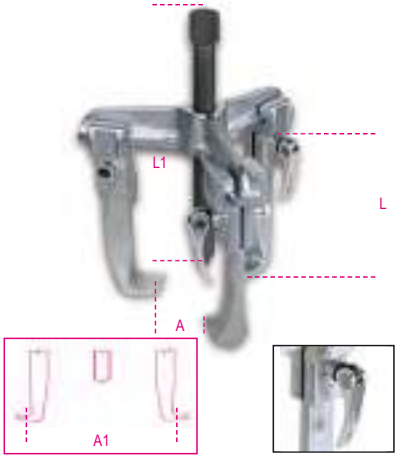
1518U/...
three-leg universal pullers



	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

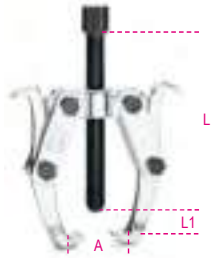
1519/...
three-leg universal pullers
with quick leg adjustment and closure



	L mm	L1 mm		
1519/0	100	166	1	015190000
1519/1	100	166	1	015190001
1519/2	150	247	1	015190002
1519/3	150	247	1	015190003

	A min÷Max mm	A1 min÷Max mm	⬣ mm
1519/0	40÷90	80÷130	17
1519/1	50÷130	90÷170	17
1519/2	65÷150	115÷210	22
1519/3	65÷190	125÷260	22

1520/1 - 1520/2
pullers with two reversible legs



	L mm		
1520/1	135	1	015200101
1520/2	235	1	015200102

	A Max mm	L1 mm
1520/1	110	85
1520/2	160	140

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

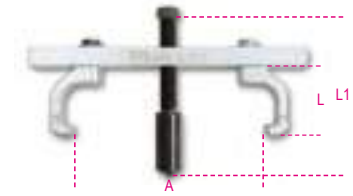


⬡ 19 mm

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

1529/C7
pulley puller

Kit contents:
- **2 legs with two 4.7-mm-thick feet**
- **2 legs with one 4.3-mm-thick foot**
- **1 leg with two 2.3-mm-thick feet**
- **1 leg with one 2.3-mm-thick foot**

The pair of legs can be made up according to one's operating requirements



	L mm	L1 mm	A min÷Max mm		
1529/C7	50	72,5	53÷114	1	015290100

285x155x50 mm - 2 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

1529/PG
high-pressure diesel oil pump puller,
for VAG group vehicles





⬡ mm		
15-24	1	015290010

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

1530/C16
hammer face kit with spacing studs,
for pulling wheel hubs and bearings
3, 4, 5 holes

Ideal for hubs with projecting centre rings

Kit contents:
- **1 universal flange (90÷130 mm)**
- **1 hammer face (5 kg)**
- **4 M12 coupling studs**
- **4 M14 coupling studs**



1530/C16	1	015300316

760x310x100 mm - 13,5 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

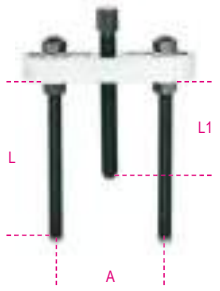
390x315x96 mm - 4,3 kg

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

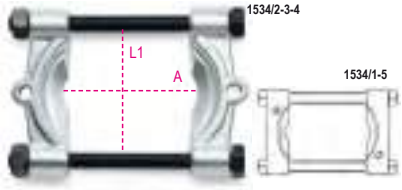
	A min÷Max mm	L1 mm
1533/2	45÷140	110
1533/3	55÷205	175
1533/4	90÷260	175
1533/5A	100÷360	235

1533PR/1 - 2 - 3
extensions for pullers 1533



1533PR/1 1533/2	1	015330011
1533PR/2 1533/3	1	015330012
1533PR/3 1533/4	1	015330013
1533PR/5A 1533/5A	1	015330016

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

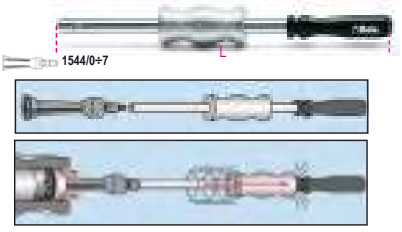
530x510x85 mm - 27,2 kg

1539
sheet sliding hammer



1539	1	015390001

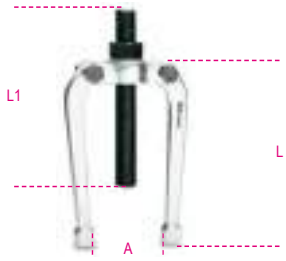
1540
sliding hammer



	L mm		1544		
1540	390	M10	0÷7	1	015400001



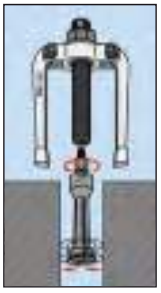
1542/1 - 1542/2
two-leg pullers for extractors



	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

1549
kit for removing and installing double effect shock absorbers with gas return

allows stem to be kept straightened while springs are being installed



1549	1	015490001

310x270x110 mm - 3 kg



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**



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



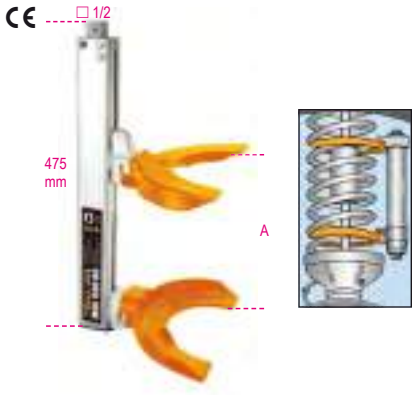
1552/C9	1	015520020

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

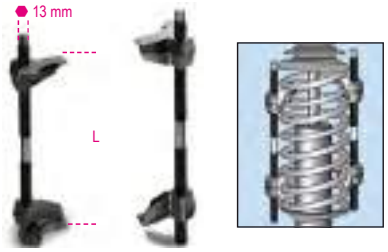
1555C
telescopic compressor for shock absorber springs with 4 forks and torsion bar

1/2"



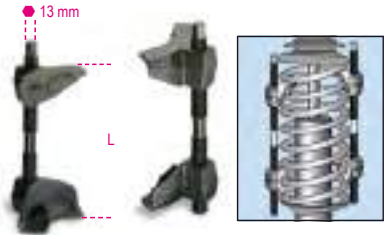
A min÷Max mm	Ø min÷Max mm	N	t		
80÷225	90÷160	25000	8,5	1	015550202

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
impact sockets for truck leaf springs

3/4"



L mm	L1 mm		
37	28	1	015570137
46	34	1	015570146
56	34	1	015570156

1557V
impact sockets for Volvo leaf springs



mm		
27	1	015570299

1557/S3
set of 3 sockets for shock absorber nuts



1557/S3	1	015570010

1558/C4
internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions
Supplied tips:
Ø 2.5-3-3.5 mm

3/8"



Ø mm	Ø mm			
1558/C4 5,5 ÷ 77	5,5 ÷ 77	1	015580100	

330x220x50 mm - 900 g

1558P
snap ring tips, pair, for item 1558



Ø mm		
2,5	1	015580125
3,0	1	015580130
3,5	1	015580135

1558/C13
internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions

supplied tips:
- **straight: Ø 2.5 - 3 - 3.5 - 3.8 mm**
- **45°: Ø 2,5 - 3 - 3,5 - 3.8 mm**
- **90°: Ø 2.5 - 3 - 3.5 - 3.8 mm**

3/8"



Ø mm	Ø mm			
1558/C13 5,5÷77	5,5÷77	1	015580200	

330x220x45 mm - 1,6 kg

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	Ø 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

1563/C4
set of 4 ball joint removal sockets

for use with air hammer
set contents:
- **1 socket M12x1.25 mm**
- **1 socket M12x1.5 mm**
- **1 socket M14x1.5 mm**
- **1 socket M16x1.5 mm**



1563/C4	1	015630010

1565/1 - 2 - 3
fork separators for ball joints



	Ø 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	12"	1	015660005
35÷45 x 190	27	-	1	015660008
35÷45 x 400	27	12"	1	015660010

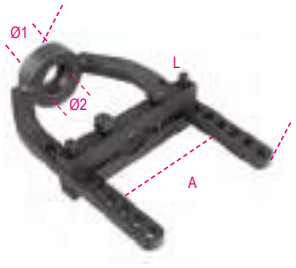
1566R
adjustable tool for removing/installing steering arms

12"



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

1566P
ribbed axle shaft circlip pliers

Pliers compress circlip, making it easier to fix axle shaft into homokinetic joint



L mm	A Max mm		
280	36	1	015660091

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

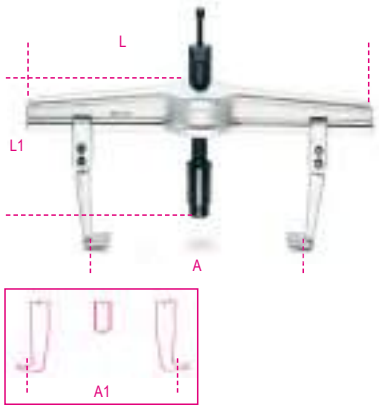
hydraulic presses for pullers



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

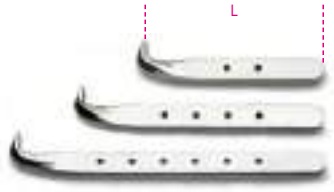


1585/5I	1	015850005
1585/6I	1	015850006
1585/7I	1	015850007

	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	135	1	015850205
1585GI/6	235	1	015850206
1585GI/7	335	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



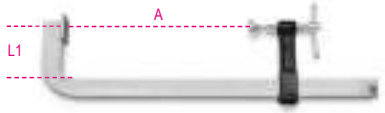
	L mm	L1 mm		
1589PI/50	50	70	1	015890005
1589PI/100	100	120	1	015890010
1589PI/150	150	170	1	015890015

1590
standard clamps



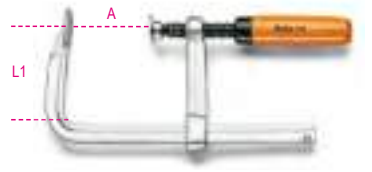
A max mm	L1 mm		
60	55	2	015900305
100	65	2	015900310
150	95	2	015900315

1591
screw clamps



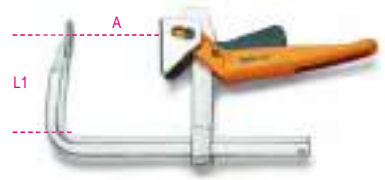
A ~	A max mm	L1 mm		
200	200	80	2	015910020
300	310	85	2	015910030
400	410	85	2	015910040
500	500	95	2	015910050
600	600	95	2	015910060
800	800	95	2	015910080
1000	1000	110	2	015910100

1593
screw clamps



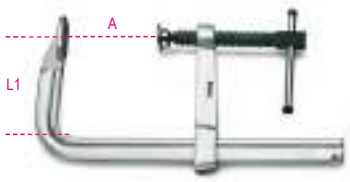
A ~	A max mm	L1 mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

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	L1 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

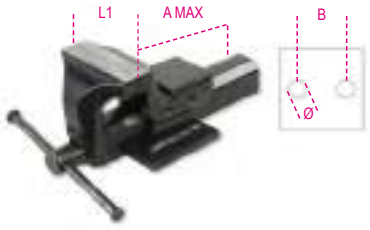
1599GR
pairs of jaws and spare screws for vices 1599GI



	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

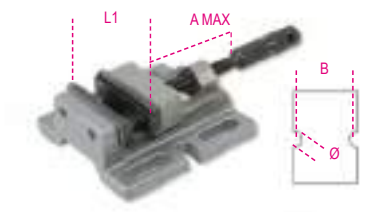
1599B
revolving bases for vices item 1599P



	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.



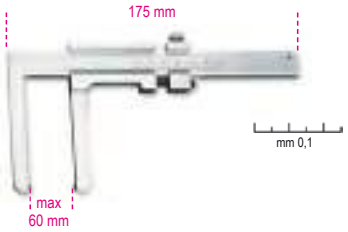
1650
sliding gauge
reading to 0.05 mm



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

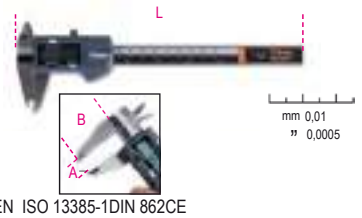
1650FT
sliding gauge for brake drums
made from stainless steel
reading to 0.05 mm



	A max mm	L mm		
1650FT/1	350	438	1	016500060
1650FT/2	500	550	1	016500070

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

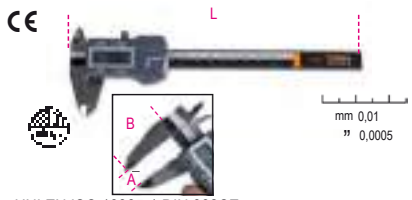
A Max mm	L mm	B mm		
150	235	40	1	016510211
200	285	50	1	016510212
300	400	60	1	016510213

1651DGTB/IP

digital vernier,
reading to 0.01 mm,
degree of protection IP67

- **reading to 0.01 mm**
- **screw slider locking**
- **mm/inch conversion**
- **automatic power on by moving the vernier along its rod**
- **zero setting at any position**
- **HOLD function**
- **absolute and incremental measurement modes**

Degree of protection IP67 provides total protection against dust and liquids, maintaining the functional characteristics of the vernier, e.g. when it is totally immersed.



UNI EN ISO 13385-1 DIN 862CE

A Max mm	L mm	B mm		
150	235	40	1	016510711

270x115x35 mm - 450 g

1652

analogue vernier,
analogue reading to 0.02 mm



UNI EN ISO 13385-1DIN 862

1652	1	016520016

1654

workshop verniers,
reading to 0.02 mm



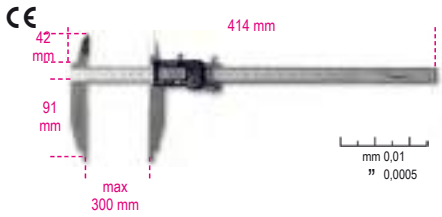
UNI EN ISO 13385-1DIN 862

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
1658/100	75÷100	1	016580100

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

CE



	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



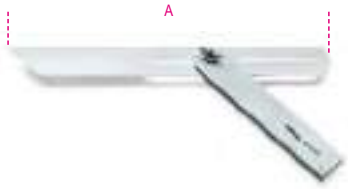
L mm	L1 mm		
100	70	3	016700010
150	100	3	016700015
200	130	3	016700020
250	160	3	016700025
300	175	3	016700030
400	230	2	016700040
500	280	2	016700050
600	330	2	016700060
800	420	1	016700080
1000	500	1	016700099

1670A
flanged precision squares
made from ground steel



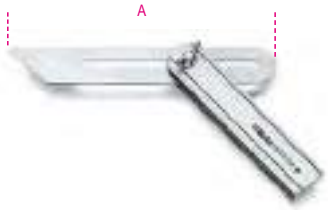
L mm	L1 mm		
100	70	3	016700110
150	100	3	016700115
200	130	3	016700120
250	165	3	016700125
300	175	3	016700130
400	230	2	016700140
500	280	2	016700150
600	330	2	016700160
800	420	1	016700180
1000	500	1	016700199

1672
mitre square, adjustable sliding blade,
base and blade made from steel



A mm		
300	2	016720030

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



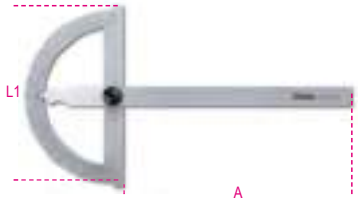
L mm	L1 mm		
300	169	2	016740130
400	214	2	016740140

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



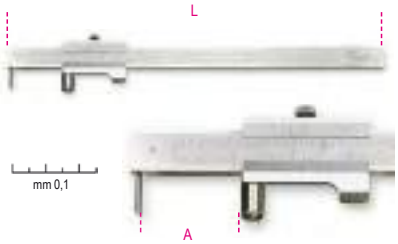
A ~	A mm	L1 mm	G mm		
120	120	80	1°	2	016760012
150	165	120	1°	2	016760015
200	210	150	1°	2	016760020
300	310	200	1°	1	016760030

1678/C3
bevel protractor
made from stainless steel



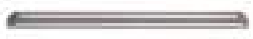
	L Max mm	D mm		
1678/C3	300	70	1	016780030

1679
universal gauge with contact-roll,
made from stainless steel,
reading to 0.1 mm



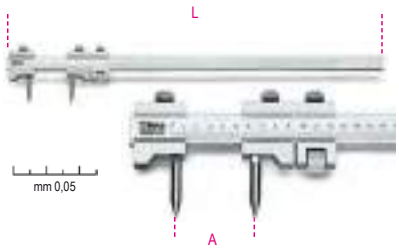
L mm	A Max mm		
235	200	1	016790020

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



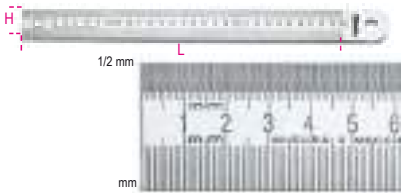
L mm	A Max mm		
150	138	2	016800315
200	190	2	016800320
250	235	1	016800325
300	280	1	016800330

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



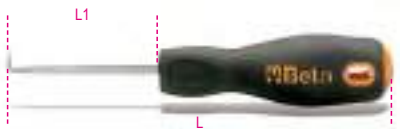
1685/C7	1	016850110



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 1687A-1687AC 1687D-1687U	1	016870150

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

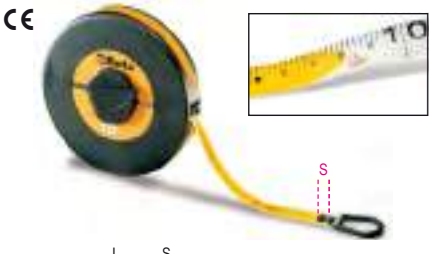


Technical data:
- Measurement range: 0.05 ÷ 80 m (0.2 in ÷ 229f)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

	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

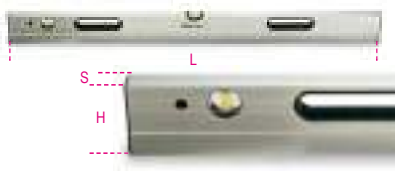
spirit levels made of die-cast aluminium with handles,
4 ground bases and 3 unbreakable vials,
accuracy: 1 mm/m



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



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		
250	23	16	2	017010101
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

1702N/PM
extra-wide chisels
with hand guards



A mm	SxH mm		
50	13x23	2	017020105
70	13x23	2	017020107

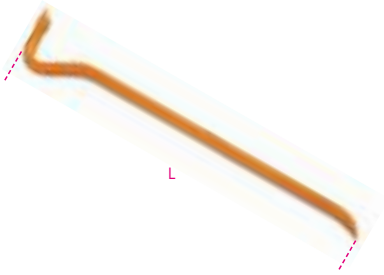
We recommend frequent cooling of the tool while regrinding it.

1702PMR
hand guard for item 1702N



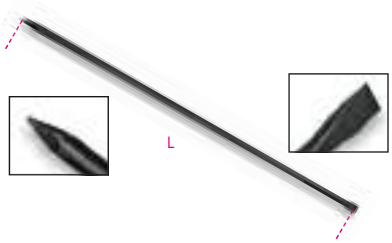
L mm		
115	1	017020200

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 mm			
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		
1705	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



C min mm	C max mm		
7(M4)	22(M14)	1	017100001

1712E/1 - 2 - 3
flexible magnetic pick up tools

F = magnetic power



	L mm	D mm	F kg		
1712E/1	420	7,5	0,5	2	017120011
1712E/2	530	15	1,8	2	017120012
1712E/3	532	19	3,0	2	017120013

1712TF
telescopic magnet with flexible head

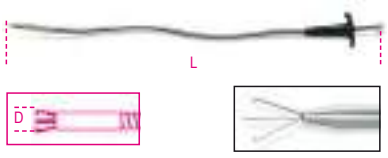
- **With washer jet cleaner**

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

1714
inspection mirror made from plastic



L mm	D mm		
1714	155	25	5 017140001

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

1715L
telescopic joint inspection mirror with LED light

- **Body made from stainless steel**
- **Pocket-size, with clip**
- **Supplied with 3 L736F-type batteries**



L mm	D mm		
1715L	265÷765	50	1 017150005

1716A
angled bit for general use



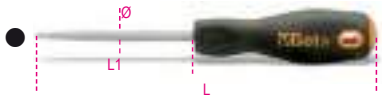
L mm	L1 mm	■ mm		
1716A	240	125	6	3 017160040

1716P
packing scraper



	L mm	L1 mm	● mm		
1716P	250	125	6	3	017160020

1716R
round bit reamer



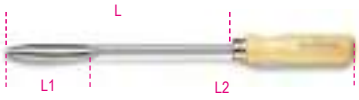
	L mm	L1 mm	Ø mm		
1716R	215	100	6	5	017160001

1716U
hook bit for general use



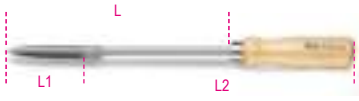
	L mm	L1 mm	Ø mm		
1716U	195	80	6	3	017160025

1717A
scrapers, two cutting edges



L mm	L1 mm	L2 mm		
150	70	260	2	017170015
200	75	310	2	017170020
250	100	360	2	017170025

1717B
scrapers, three cutting edges



L mm	L1 mm	L2 mm		
150	75	260	2	017170115
200	85	310	2	017170120
250	100	360	2	017170125

1717C
flat scrapers, varnished



L mm	S mm	L1 mm		
150	18	270	2	017170215
200	20	320	2	017170220
250	25	370	2	017170225

1717D
flat scraper, front cut



	L mm	S mm	L1 mm		
1717D 150	150	23	240	2	017170320

1717T
triangular blade scrapers, complete with 2 blades



	L mm		
1717T	310	1	017170610

1717T RT
spare triangular blades



	L mm		
1717T RT	65	1	017170660

1717T RS
spare shaped blades



1717T RS		1	017170661

1717V
paint scrapers, blades can be used on several sides



	L mm	A mm		
1717V 38	200	38	1	017170703
1717V 65	285	65	1	017170706

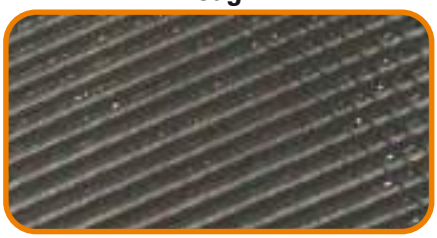
1717V R
spare blades for item 1717V



	L mm		
1717V R38	38	1	017170753
1717V R65	65	1	017170756

CUTS OF ENGINEER'S FILES

Rough



Second-cut



Smooth



1718D...Q
rough square files, without handles



	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



	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

R ●



	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

R ●



	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



■ Q
▲ T
▮ P
◗ M
● R

	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



■ Q
▲ T
▮ P
◗ M
● R

	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

Q ■



	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

Q ■



	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

Q ■



	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

T ▲



	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

T ▲



	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

T ▲



	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 "		
250	10	5	017190152
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



200	8	5	017190353

1719BM/RP
flat rasp,
plastic handle



200	8	5	017190352

1719BMR/B3
set of 3 second-cut rasps,
with handles,
in hanging wallet



L mm	L "		
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

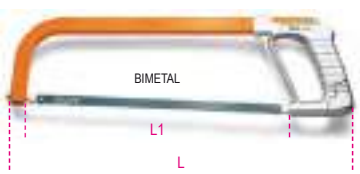
mini hacksaw frame



	L mm	L1 mm		
1725CR	250	150	5	017250010

1726

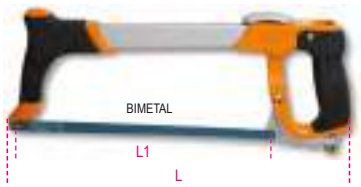
hacksaw frame, blade attachment system in the handle



	L mm	L1 mm		
1726	440	300	4	017260001

1726BM

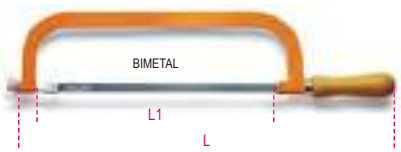
hacksaw frame with quick release blade attachment system



	L mm	L1 mm		
1726BM	400	300	1	017260050

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

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
100	220	95	2	017300100

1730M

mixer spatulas, with stainless steel blades and handles



L1 mm	L mm	S mm		
150	245	27	2	017300215
200	330	28	2	017300220
250	365	36	2	017300225

1730V 38

glazier's spatula, knife blade made from stainless steel



S mm	L mm	L1 mm		
38	225	100	2	017300338

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

1739C
lazy tongs riveter,
supplied with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
Aluminium	•	•	•	•	•	•
Stainless steel	•	•	•	•		

	L max mm		
1739C	810	1	017390152

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

1741B
riveting pliers supplied
with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741B	1	017410000

1741B/C5
riveting pliers item 1741B with assortment of 700 aluminium rivets



1741B/C5	1	017410025

	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

415x155x60 mm - 3,1 Kg



1741BP

riveting pliers supplied
with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741BP	1	017410350

1741U

ultra compact riveting pliers with adjustable force
with 4 interchangeable nozzles
3 legs: enhanced rivet hold

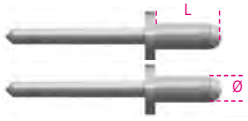


Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	
Stainless steel	•	•	•	•	

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 = 5x10 mm M = 3	1	017420023
1742R-AL M4 ØxL = 6x12 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 = 5x11 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 = 9x17 mm M = 6	1	017420016
• **1742R-A M8** ØxL=11x17 mm M=8	1	017420018
• **1742R-A M10** ØxL=13x24 mm M=10	1	017420020
• **1742R-A M12** ØxL=12x24 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
5	7	13
6	9	17
8	11	17
10	13	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/M5	5	7	20
1742R-A/M6	6	9	20
1742R-A/M8	8	11	10
1742R-A/M10	10	13	10

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

1750CG cc	cc	L mm		
400	500	380	1	017500500
600	750	450	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

1750CG

grease cartridges for item 1750



cc		
400	18	017500140
600	18	017500160

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

1751CR

metal pressure oil cans, rigid spouts



cc	D mm	L mm		
200	62	140	4	017510202
300	75	140	4	017510203
500	85	140	4	017510205
700	100	140	2	017510207
1000	100	140	2	017510210

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

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

1756C

suction gun, 200 ml,
made from polypropylene

- **also suitable for braking system fluid**
- **double EPDM gasket**
- **operating temperature: +0 °C ÷ +50 °C**
- **usable minimum oil density; ISO 150, SAE 90 (gearbox oil), SAE 40 (engine oil)**

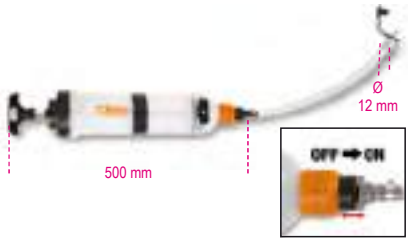


1756C	1	017560502

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

1756C-2OR

O-rings (pair) for suction guns 1756C

1756C-2OR	1	017560503

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-D

non-return funnel for AdBlue®,
with straight coupling



	I Max		
1758 ADB-D	1	1	017580050

1758ADB-45°

non-return funnel for AdBlue®, with 45° coupling



	I Max		
1758 ADB-45	1	1	017580060

1758A

non-return funnel with quick coupling, Ø 38 mm

For Volkswagen group cars



1758A	1	017580010

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

1759HD/TRUCK
truck cooling system testing and sealing tool



1759HD/TRUCK	1	017590065

440x330x100 mm - 3 kg

1759TT
kit of 4 pairs of turbo circuit testing caps, for use with tyre inflators



1759TT	1	017590300

400x160x100 mm - 1,8 kg

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

1760/OHM

multimeter/megohmmeter for high voltage insulation testing.
TRUE RMS indicator



CAT. IV 600V
CAT. III 1000V

Measuring range	**Base accuracy**	
AC/DC voltage:	50mV - 1000V	±0.06% - ±0.1% rdg
AC/DC current:	0.01µA - 10A	±0.5% - ±1% rdg
Resistance:	0.01Ω - 50MΩ	±0.2% - ±2% rdg
Meg OHM: current 1mA	0.01 - 5000MΩ	±4% rdg. max
Capacity:	5nF - 10mF	±1.5% - ±3% rdg
Frequency:	50Hz - 100 MHz	±0.02% - ±0.1% rdg
Temperature:	-50 °C - +1350 °C	±0.5% rdg
Diode test:	3V dc	
Continuity test:	<30 Ω	

1760/OHM 1 017600025

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

combination voltage and continuity tester, 12-690V AC/DC

Functions:
- **continuity**
- **phase rotation**
- **mains testing**
- **LED torch**

IP64
CATIV - 600V ;
CATIII - 1000V



1760PT	1	017600150

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

1763
car upholstery clip pliers



1763	1	017630001

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

1764/K5-R
pack of 20 plastic rivets
for item 1764/K5



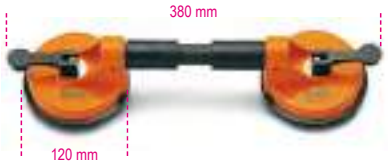
1764/K5-R1	5X17,2	1	017640003
1764/K5-R2	5X15,8	1	017640004
1764/K5-R3	6,3X25,2	1	017640005
1764/K5-R4	6,6X17,2	1	017640006

1765/C24
cases with 24 tools
for pulling out car radios



1765/C24	1	017650001

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

1766L
lever for glass windows



1766L	1	017660015

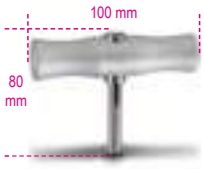
1766LI
lever for inserting car glass window cutting cable

sharp edges for cutting bonds



1766LI	1	017660016

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		
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

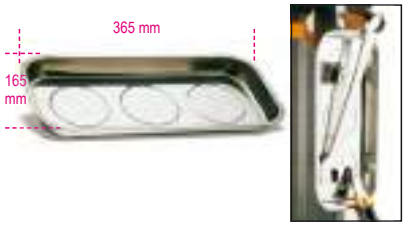
490x285x95 mm - 2,4 kg

1767PMC
magnetic tool holder, round



1767PMC	1	017670020

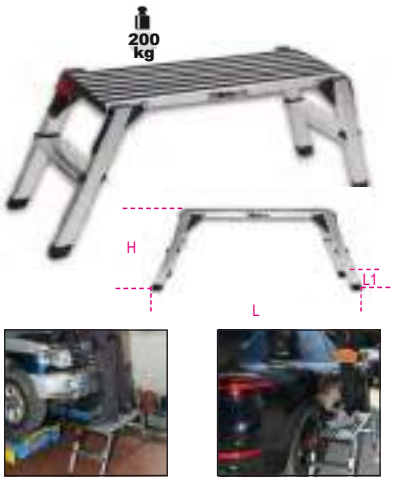
1767PMR
magnetic tool holder, rectangular



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



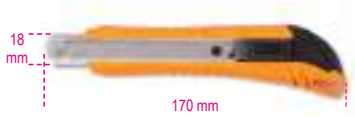
1770RL	5	017700010

1770BM
utility knife, 9 mm, 6 blades



	L mm	A mm		
1770BM	140	9	10	017700050

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 3 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



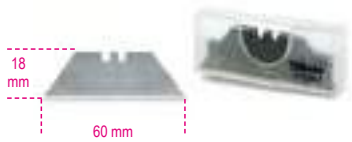
	L mm	A mm		
1772R	125	18	5	017720006

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		
1773S	190	28	1	017730100

1773S/RL
3 round blades, Ø 28 mm for utility knife 1773S



1773S/RL	5	017730110

1774
multi-function scraper with blade guard



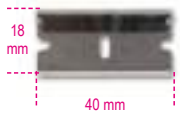
	L mm	L1 mm		
1774	155	60	5	017740001

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		
1778BS	**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

1778V18

foldaway knife,
aluminium handle
• in case



	L mm	A mm	L1 mm		
1778V18	195	25	85	5	017780018

1778X

knives for nautical maintenance, stainless steel blades, aluminium handles
in case



	L mm	L1 mm	A mm		
1778X	185	85	25	2	017780050

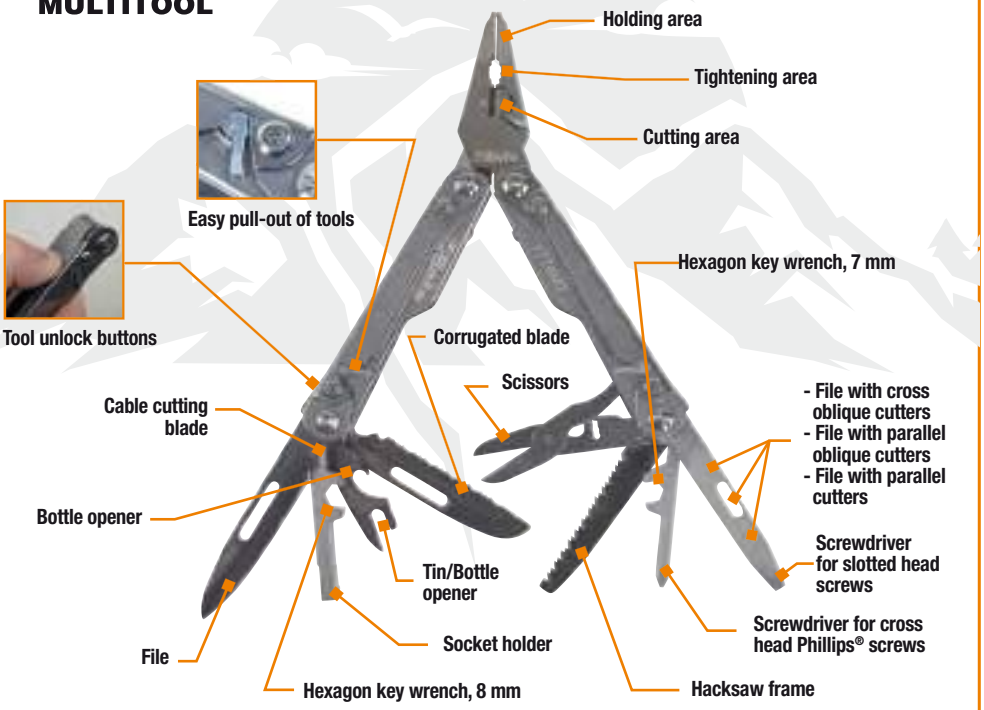


1778MT – MULTITOOL

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.

PRO WILD
MULTITOOL

22 FUNCTIONS





11 bits + socket



Ruler 100 mm / 4"

1778MT

multi-tools
complete with bits and sheath
9 tools
22 functions



L mm	L1 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

Wireless charging

New wireless technology allows the latest spotlights and lamps to be charged through one charging base, item 1839BRW.
The new charging base, 1839BRW, makes it possible to charge the latest spotlights and lamps simultaneously, without necessarily having to use power cords. Furthermore, the pull-out support allows mobile phones to be charged.



CRI - Color Rendering Index
CCT - Correlated Color Temperature

SPOTLIGHTS							
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1837C/2100	500 - 1000 - 2100	LI-Ion 11.1V; 4400 mAh	4.0h	9 - 2.5h	IP65 - IK07	6500K	80+
1837C/4300	1100 - 2100 - 4300	LI-Ion 11.1V; 5200 mAh	4.0h	6 - 1.5h	IP65 - IK07	6500K	80+
1837M	500 - 1000 - 2000	Li-Ion 11.1 V, 5200 mAh	3.5h	2 - 8h	IP65 - IK07	2700-3500-4500-5500-6500K	96+
1838FLASH	360 - 720	Li-Ion 7.4 V; 4000 mAh	4.0h	4 - 8h	IP65	6300K	-
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
1838/11LED	320	Li-Ion 3.7V; 4200 mAh	4.0h	4h	IP65	6500K	
1838AM	60 - 700 120 (spot)	Li-Ion 3.7V; 2600 mAh	4.0h - USB-C	2.5 - 16h 10h (spot)	IP54 - IK07	6500K	80+ 70+
1838COB	100 - 200 75 (spot)	Li-Ion 3.7V; 1600 mAh	3.0h	3-6h 4h (spot)	IP65	6000K	80+
1838P	80 - 50	Li-Ion 3.7V; 700 mAh	2.5h	4h	IP20	6000K	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
1838UV	75 - 150	Li-Ion 3.7V; 1600 mAh	3.0h	3h	IP20	6000K	80
1838SW	250 - 500 - 1000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 7h	IP65 - IK07	6500K	80+
1838E	500 - 1000 - 2000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 9h	IP20 - IK07	5500K	80+

HEADLAMPS							
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1836B	125 - 250	Li-Ion 3.8V; 1600 mAh	3.0h	5h	IP65 - IK07	6000K	80+
1836AW	30 - 200 - 400	Li-Ion 3.7V; 1500 mAh	2.5h	4-18h	IP65 - IK07	6500K	80+

FLASH LIGHTS						
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	LIGHTING RANGE
1833XS/1	100	1 x AAA	-	5h	IP66	85m
1833XS/2	200	2 x AAA	-	10h	IP66	112m
1833S	500	2 x AA	-	10h	IP66	140m
1833M	700	3 x AAA	-	7.5h	IP66	170m
1833L	1100	3 x AA	-	8.5h	IP66	330m
1833L/USB	1200	Li-Ion 3.7 V, 2600 mAh	3.0h - USB-C	3.0h	IP66	230m
1833XSW	80 - 250	Li-ion 3.7V 2600 mAh	2.0 h	2.0-8.0h	IP54 –IK07	
1833MW	5 – 30 – 400 - 1000	Li-ion 3.7V; 2600 mAh	4.0 – 6.0 h	2.0-200.0h	IP68 – IK07	
1833XL	1500	3xD	-	22h	IP66	290m
1837F	500	3 x AA	-	14.5h	IP66	125m
1837F/USB	600	Li-Ion 3.7 V, 2900 mAh	4.0h - USB-C	10h	IP66	280m

1833L/USB

rechargeable high-brightness LED torch, made of sturdy anodized aluminium, up to 1,200 lumens

- adjustable focus
- 3 brightness settings
- battery life: 3.0h
- IP66
- lighting range: 230 m
- flat battery indicator (<15%)
- charging via USB-C port
- charger not included



L mm		
240	1	018330054

1833RB-L/USB

spare battery for item 1833L/USB

1833RB-L/USB	1	018330975

1833XS/1

LED inspection torch, made of sturdy anodized aluminium

- 100 lumens
- adjustable focus
- battery: 1xAAA (not included)
- IP66
- battery life: 5.0h
- lighting range: 85 m



L mm		
92	3	018330000

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 1839BRW
power supply with USB-C port
- Charging time:
2h with wireless charging base
2h 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 mm		
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

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

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 mm		
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

1833XL

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 1,500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xD (not included)
- flat battery indicator (<15%)
- battery life: 22.0h
- IP66
- lighting range: 290 m



L mm		
300	1	018330005

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

1836B

rechargeable LED headlamp,
dual brightness, with ON/OFF sensor

- contactless ON/OFF sensor
- complete with USB charging cable / mini jack + charger
- 250 lumens
- battery life: 3-6 h
- IP65



1836B	1	018360200

1837F

magnetic, articulated lamp with high-brightness LEDs,
made of sturdy anodized aluminium,
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAA (not included)
- battery life: 14.5 h
- charge indicator
- IP66



L mm		
460	1	018370050

1837F/USB

rechargeable magnetic, articulated lamp with high-brightness LEDs,
made of sturdy anodized aluminium,
up to 600 lumens

- adjustable focus
- 2 brightness settings
- battery life: 10.0h
- flat battery indicator <15%
- charge with USB-C port
- complete with USB-C cable
- IP66



L mm		
460	1	018370060

1837RB-F/USB

spare battery for item 1837F/USB

1837RB-F/USB	1	018370960

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

CE IP65 IK07



L mm	I mm	S mm		
98	82	39	1	018380080

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

CE IP65 IK07



LxHxl mm	Lm	h		
220x225x70	2100	2.5	1	018370210
	1000	5.0		
	500	9.0		
266x236.6x59	4300	1.5	1	018370430
	2100	3.0		
	1100	6.0		

1837C/RA2100-4300

power supply for LED spotlights 1837C/2100-4300

1837C/RA2100-4300	1	018370970

1837M

rechargeable LED COLOUR MATCH spotlight, for visual colour control,
high colour rendering index (CRI 96+),
up to 2,000 lumens

- 3 brightness settings: 500/1,000/2,000 lumens
- CRI (colour rendering index): 96+
- CCT (correlated colour temperature): 2700K/ 3500K/ 4500K/ 5500K/ 6500K
- battery charger: input: 100-240V AC - 50/60Hz; output: 15V 1.5A
- quick release charge connector
- charging time: 3.5 hours
- battery life: 8/4/2 h
- charge indicator
- button and LED colour temperature indicator
- button and LED brightness indicator
- can rotate up to 180°
- IP65
- IK07

CE IP65 IK07



LxHxl mm	Lm	h		
220x225x70	500	8.0	1	018370450
	1000	4.0		
	2000	2.0		

1837M/RA



1837M/RA	1	018370975

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

1838FLASH

rechargeable, ultracompact spotlight, designed to offer the best possible solution for each use

ABUNDANT READY LIGHTING: with a maximum lighting capacity of 720 lumens, and running on both battery and cable, it is always ready to use.
CAN BE PLACED ANYWHERE:
-on flat surfaces: with rubber feet on three sides or 1/4" drive for stands (camera-like standard)
-on metal structures: with unscrewable magnet or hook that can be rotated 360 degrees.
COMPACT: no more than 85x100x155 mm in size, it can be easily replaced in tool bag and used in small areas.
STURDY: designed to withstand extremely severe mechanical stress. Guaranteed durability.

CE



IP65

1838FLASH	1	018380300

1838RB/FLASH

spare battery for item 1838/FLASH

1838RB/FLASH	1	018380930

1838/11LED

rechargeable inspection lamp with ultra-high brightness LEDs, lithium polymer battery

- Compact body made of antislip rubber
- Easy-to-replace front glass
- Swinging hook
- With charging station, 110-230Vac
- 320 lumens
- With multidirectional head LED



CE IP65

1838/11LED	1	018380111

1838RA/10-11LED

spare power supplies for items 1838/10LED and 1838/11LED

CE

1838RA/10-11LED	1	018380903

1838RB/10LED

spare battery for items 1838/10LED and 1838/11LED

1838RB/10LED	1	018380902

1838RR/11LED

charging bases for item 1838/11LED

1838RR/11LED	1	018380914

1838RV/11LED

spare scratch-proof glass for lamp 1838/11LED



1838RV/11LED	2	018380905

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

CE IP54 IK07



	L mm	l mm	S mm	L1 mm		
1838AM	405	40	45	175	1	018380400

1838COB

portable rechargeable LED inspection lamp

- with hanging hook and antislip, shockproof body
- lithium polymer battery
- Swinging hook
- Magnetic base can be rotated 180 degrees
- With charger 100-240Vac / 50-60Hz
- 100/200 lumens; SPOT 75 lumens
- Operating range: 6h / 3h; SPOT 4h
- charging time: 3 hours
- IP65

CE IP65



1838COB	1	018380010

1838P

rechargeable inspection pen light, with double light emission: lamp and torch

- Compact body made of non-slip rubber
- 50/80 lumens
- Pocket hook
- Magnetic base can be rotated 180 degrees
- Complete with USB/jack charging cable, 3.5mm
- Life: 2.5 hours
- IP20

CE IP65



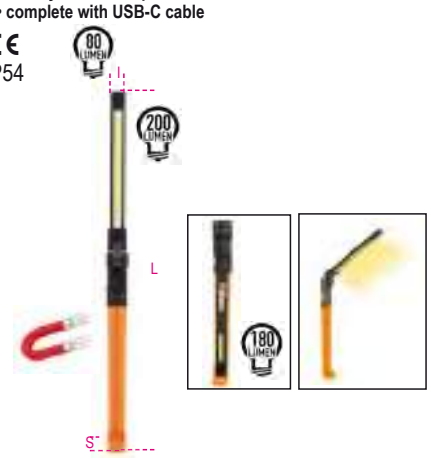
1838P	1	018380005

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

CE IP54



	L mm	l mm	S mm		
1838SLIM	307	17	29	1	018380221

1838SW

Articulated LED inspection lamp, with dual light beam and wireless charging

- 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

1838UV

rechargeable UV and white light inspection lamp
ideal for detecting leaks

- Compact body made of antislip rubber
- With charger 100-240Vac / 50-60Hz
- 150 lumens / UV



1838UV	1	018380150

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	I mm		
1838E	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	I mm	S mm		
1839BRW	101	190	28	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 1833L/USB, 1836B, 1837F/USB, 1838COB, 1838P, 1838S, 1838SLIM, 1838UV, 1838AM, 1838E

CE

1839/R1	1	018390501

1839/R2

USB/jack cable 3.5 mm, spare part for items 1836B; 1838P; 1838COB; 1838UV

1839/R2	1	018390502

1839/R4

USB/USB-C cable, spare part for items 1833L/USB, 1833F/USB, 1838SLIM, 1838S, 1838AM, 1838E

1839/R4	1	018390504



1842LED/BM

lamp with ultra-high brightness LEDs, 100-240 Vac

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 340 lumens
- with multi-directional head LED light

CE IP65



	L mm		
1842LED/BM	230	1	018420301

1842LED/ABM

lamp with ultra-high brightness LEDs, 12-24V AC/DC

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 320 lumens
- with multi-directional head LED light

CE IP65



	L mm		
1842LED/ABM	230	1	018420311



REELS



Beta's new, 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

347

A selected range, with lengths ranging from 10 m to 15 m, 8 mm and 10 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	YES	LED lamp
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
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	
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

1846R-LED/BM
spare LED lamps

12-24V - AC-DC



1846LED/BM R	1	018460331

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

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

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
portable induction heater

CE



Heats and loosens bolts, hubs and bearings without using flames. Allows any type of ferromagnetic metal to be heated.

Standard equipment:
- Two front attachable coils, Ø 19 and 26 mm, for loosening nuts
- 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

Optional Equipment:
- Coils are also available in other sizes

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

Fields of Application:
- Automotive industry
- Industrial maintenance
- Aviation industry
- Naval industry
- Petrochemical industry

1852R1750	1	018520175

480x370x130 mm - 4,5 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



Beta WELDING by HELVI

WELDING



INVERTER WELDING MACHINES

Easy-to-use inverter welding machines with excellent welding characteristics for all types of electrodes. With overvoltage and overtemperature control and electrode anti-sticking function. Compact and lightweight, ideal for home maintenance jobs, light carpentry and maintenance jobs.



WELDING MASKS

Beta offers several auto-darkening LCD masks suitable for different types of welding: electrode welding, MIG/MAG, TIG and plasma welding. Protection and comfort are guaranteed by full compliance with all current safety standards.



WELDING ACCESSORIES

A wide range of accessories supporting welding jobs.



GAS TIN WELDING MACHINES

Welding machines and accessories designed for small maintenance jobs and microelectronics jobs. As well as corded welding machines, Beta also offers several butane gas solutions which allow welding jobs to be carried out outdoors and with no electricity.

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%**



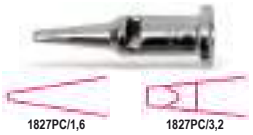
1825B	1	018250251

1827
gas soldering iron, adjustable



1827	1	018270001

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

1860BH/120A
DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current:10÷120A
Power supply: 1x230V

Use factor (40 °C) :
25% - 120 A
50% - 80 A
100% - 60 A
Protection: IP22S
Usable electrodes: Ø 1.6 - 3.2mm rutilic, basic, stainless steel, cast iron etc.
Supplied with 16mm² cables

CE



1860BH/120A — 1 — 018600121

1860BH/160A
DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷160A
Power supply: 1x230V

Use factor (40 °C) :
25% - 160 A
60% - 100 A
100% - 80 A
Protection: IP22S
Usable electrodes: Ø 1.6 - 4mm rutilic, basic, stainless steel, cast iron etc.
Supplied with 16mm² cables

CE



1860BH/160A — 1 — 018600161

1860BH/200A
DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷200A
Power supply: 1x230V

Use factor (40 °C) :
25% - 200 A
60% - 130 A
100% - 100 A
Protection: IP22S
Usable electrodes: Ø 1.6 - 4mm rutilic, basic, stainless steel, cast iron etc.
Supplied with 16mm² cables

CE



1860BH/200A — 1 — 018600201

1860BH R/CM
spare earth cables for inverter welding machines 1860BH-120/160/200A



1860BH R/CM — 1 — 018600612

1860BH R/CS
spare electrode holder cables for inverter welding machines 1860BH-120/160/200A



1860BH R/CS — 1 — 018600613

1860BHT/160A

DC-powered inverter welding machine for MMA and TIG electrode steel welding, compact and easy to carry

Arc force, STICK/TIG (lift arc), hot start, anti-sticking and thermostatic protection features

adjustment current: 10÷160 A
power supply: 1x230 V

use factor (40 °C) :
60% - 160 A
100% - 130 A
protection: IP23S
usable electrodes: Ø 1.6 - 4 mm, rutilic, basic, stainless steel.
Supplied with 25 mm² cables

CE



1860BHT/160A	1	018600179

1860BHT R/CM

spare earth cables
for TIG welding machines 1860BHT



1860BHT R/CM	1	018600616

1860BHT R/CS

spare welding pliers cables
for TIG welding machines 1860BHT



1860BHT R/CS	1	018600617

1860BHT/T

TIG torches
for TIG welding machines 1860BHT
length: 4m
connector: 50 mm2



1860BHT/T	1	018600615

1860M

magnetic, quick-adjusting corner welding vices

with swinging jaws,
ideal for locking differently sized parts



	L max mm		
1860M	30	1	018600301

1860DM

magnetic discs for lifting metal sheets

ideal for handling and fixing metal sheets
constant magnetic force over entire disc surface
handles with holes for easier vertical working



	kg max		
1860DM 16	16	1	018600310
1860DM 40	40	1	018600311

1860PMIG

multipurpose pliers for MIG welding



L mm	L1 mm		
215	44	2	018600350

1860EI

magnetic square, 90°,
for interior and exterior angles
Ideal for locking tubular or flat parts,
18 kg magnetic force,
with bevels for 30° and 60° angles,
with hexagon hole making it easier to separate magnet from metal



	L mm	L1 mm	S mm		
1860EI	165	110	35	1	018600290

1860RG

adjustable magnetic square, 30°÷270°

Ideal for locking tubular or flat parts,
15 kg magnetic force,
supplied with an offset hexagon key wrench for locking angle adjustment mechanism,
supplied with a pin for locking angle adjustment mechanism at 30°-45°-90°/270°-180°
with hexagon hole making it easier to separate magnet from metal



	L mm	S mm		
1860RG	155	35	1	018600255

1860SQ

magnetic square, 45°/90°

ideal for locking tubular or flat parts
25 kg magnetic force
no battery required, ON/OFF effect obtained by tilting interior magnets
easier chip removal with magnets in OFF position



1860SQ	1	018600210





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:

Diagnostics	
	items 1438 to 1499 items 1758VT to 1760TMC
Engine	
	items 955 to 989A items 1438 to 1499
Oil and filters	
	items 1438 to 1499 items 1877 to 1885
Electric system	
	items 1438 to 1499
Starters	
	items 1498BC/12 to 1498/40A
Transmission	
	items 1438 to 1499
Suspension	
	items 1549 to 1569CP
Brakes	
	items 1438 to 1499
Wheels	
	items 955 to 989A
Body work	
	items 1302 to 1369 items 1763 to 1767A
Other equipment	
	items 1875LT to 3067
Jacks	
	items 3029/2T to 3067/70-13T



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

1875SP/K3
kit of fabric cleaning brushes

- 1 flat brush Ø 48 mm
- 1 flat brush Ø 100 mm
- 1 hemispheric brush Ø 90 mm
- 1/4" impact socket drive



ISO 1173 E 6,3

1875SP/K3	1	018750010

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 3
oil collection tank, for truck hubs
With oil drip catcher



	l		
1878 3	3	1	018780003

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

1879 6
manual operation fluid extractor, 6 l



1879 6		1	018790000

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

CE



	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

1884/C12
case of adapters for item 1884



1884/C12 — 1 018840100

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

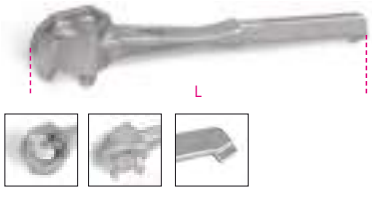
1889N
steel handling and storage base for 2 200-l barrels



1889N — 1 018890220

1889CF
universal barrel opening wrench

- **1 female hexagon Ø 38 mm**
- **1 4-sector profile Ø 42 mm**
- **1 blade 17x7 mm**



L mm
270

1 018890010

1885
automatic gearbox maintenance station

Allows entire washing cycle to be safely performed in all automatic transmissions, through a simple, guided procedure. Avoids damage from wear of oil in automatic gearbox, thereby easily and quickly preventing typical malfunctions, including: excessive gearbox noise, jammed gears, abruptly engaged gears, long gear shifting time.



Functional specifications:
- Automatic operation
- Step-by-step guided procedure with integrated database
- Balancing quantity of injected oil with same quantity of exhausted oil, thereby making sure that system always contains proper quantity of oil
- Flow meter for visual inspection of oil quantity
- Printing records of each operation

Automatic specifications:
- Injecting solvent (optional)
- Washing gearbox system
- Emptying oil out of sump
- Emptying oil out of converter
- Injecting oil into converter

Technical specifications:
- Power supply: 220 V 50 Hz
- Backlit oil viewers with 2 white light LEDs
- 2 electronic balances
- Electronic balances, resolution +/- 10 g

Electronic card with backlit graphic display

1885 — 1 018850010



1885/C1

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C1-R1 Land Rover Freelander transmission fittings
- 1885/C1-R2 DP0 transmission fitting
- 1885/C1-R3 ZF 9HP transmission fitting
- 1885/C1-R4 ZF 9HP transmission dipstick
- 1885/C1-R5 Mercedes transmission dipstick
- 1885/C1-R6 AISIN TG82 transmission fittings
- 1885/C1-R7 AISIN TG81 transmission fittings
- 1885/C1-R8 Renault-Nissan transmission fittings



1885/C1 — 1 — 018850110

1885/C1-R1

Land Rover Freelander transmission fittings for item 1885

lc01430



1885/C1-R1 — 1 — 018850111

1885/C1-R2

DP0 transmission fitting for item 1885

lc0990



1885/C1-R2 — 1 — 018850112

1885/C1-R3

ZF 9HP transmission fitting for item 1885

lc0992



1885/C1-R3 — 1 — 018850113

1885/C1-R4

ZF 9HP transmission dipstick for item 1885

lc0192



1885/C1-R4 — 1 — 018850114

1885/C1-R5

Mercedes transmission dipstick for item 1885

K-A-M



1885/C1-R5 — 1 — 018850115

1885/C1-R6

AISIN TG82 transmission fittings for item 1885

lc01820



1885/C1-R6 — 1 — 018850116

1885/C1-R7

AISIN TG81 transmission fittings for item 1885

lc0150



1885/C1-R7 — 1 — 018850117

1885/C1-R8

Renault-Nissan transmission fittings for item 1885

lc02150



1885/C1-R8 — 1 — 018850118

1885/C2

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C2-R1 Audi 8HP transmission fittings
- 1885/C2-R2 ZF 9HP transmission fittings without exchanger
- 1885/C2-R3 Audi 0KC transmission fitting
- 1885/C2-R4 AG4-ZF 4HP transmission fittings
- 1885/C2-R5 FIAT transmission fittings
- 1885/C2-R6 Audi Q5-Q7 transmission fittings
- 1885/C2-R7 Audi 0B5 transmission fitting



1885/C2 — 1 — 018850120

1885/C2-R1

Audi 8HP transmission fittings for item 1885

lc0993



1885/C2-R1 — 1 — 018850121

1885/C2-R2

ZF 9HP transmission fittings without exchanger for item 1885

lc0860



1885/C2-R2 — 1 — 018850122

1885/C2-R3

Audi 0KC transmission fitting for item 1885

lc02020



1885/C2-R3 — 1 — 018850123

1885/C2-R4

AG4-ZF 4HP transmission fittings for item 1885

lc0750



1885/C2-R4 — 1 — 018850124

1885/C2-R5

FIAT transmission fittings for item 1885

lc0061



1885/C2-R5 — 1 — 018850125

1885/C2-R6

Audi Q5-Q7 transmission fittings for item 1885

lc0680



1885/C2-R6 — 1 — 018850126

1885/C2-R7

Audi 0B5 transmission fitting for item 1885

Ic01720



1885/C2-R7 — 1 018850127

1885/C3

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C3-R1 Mercedes DSG transmission fitting
- 1885/C3-R2 POWERSHIFT transmission fitting
- 1885/C3-R3 Toyota IQ transmission fittings
- 1885/C3-R4 Mazda transmission fittings
- 1885/C3-R5 Renault Laguna-Esp transmission fittings
- 1885/C3-R6 Nissan Juke transmission fittings
- 1885/C3-R7 AISIN TF71 FV transmission fittings
- 1885/C3-R8 AISIN TF71 FP transmission fittings
- 1885/C3-R9 AISIN TF71 FO transmission fittings
- 1885/C3-R10 AISIN TF71 FS transmission fittings



1885/C3 — 1 018850130

1885/C3-R1

Mercedes DSG fitting for item 1885

Ic0191



1885/C3-R1 — 1 018850131

1885/C3-R2

POWERSHIFT transmission fitting for item 1885

Ic0190



1885/C3-R2 — 1 018850132

1885/C3-R3

Toyota IQ transmission fittings for item 1885

Ic0991



1885/C3-R3 — 1 018850133

1885/C3-R4

Mazda transmission fittings for item 1885

Ic02130



1885/C3-R4 — 1 018850134

1885/C3-R5

Renault Laguna-Esp transmission fittings for item 1885

Ic02150



1885/C3-R5 — 1 018850135

1885/C3-R6

Nissan Juke transmission fittings for item 1885

Ic02140



1885/C3-R6 — 1 018850136

1885/C3-R7

AISIN TF71 FV transmission fittings for item 1885

Ic01420



1885/C3-R7 — 1 018850137

1885/C3-R8

AISIN TF71 FP transmission fittings for item 1885

Ic001420/1



1885/C3-R8 — 1 018850138

1885/C3-R9

AISIN TF71 FO transmission fittings for item 1885

Ic001420/2



1885/C3-R9 — 1 018850139

1885/C3-R10

AISIN TF71 FS transmission fittings for item 1885

Ic001420/3



1885/C3-R10 — 1 018850140

1885/XC60

Volvo XC60 transmission fittings for item 1885



1885/XC60 — 1 018850151

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).

CE



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

1895G

control generator for (petrol and LPG) electro-injectors and solenoid valves

Makes it possible to autonomously test efficiency of such parts as:
- EGR solenoid valves
- electro-injectors of petrol and LPG engines
- solenoid valves for variable-geometry turbine adjustment
- compressors for new-generation air conditioners



Benefits:
• Makes it possible to understand whether part is working mechanically
• Combined with ultrasonic cleaning tanks, it allows more efficient cleaning of parts, electronically controlling part during washing phase
• Essential for air conditioner testing, to check whether compressor and its control valve are efficient

Specifications

Petrol and LPG injector control:
• Number of outlets: 4
• Test duration: 1-60 s
• Operating time: 5-10 ms
• Impulse frequency range: 1-10 Hz

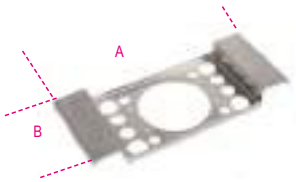
PWM device control:
• Number of outlets: 1
• Test duration: 1-60 min
• Automatic or manual
• Duty cycle adjustment: 10%-85%
• Signal frequency regulation: 120-250 Hz

1895G	1	018950800

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		
			1
1895 27	25		018950270

1895/RC

rack for ultrasonic tanks 1895



	L mm	L1 mm	A mm		
1895/RC6	250	105	100	1	018950506
1895/RC13	257	185	100	1	018950513
1895/RC27	450	250	150	1	018950527

9881U



9881U 1 (1-2)	567
9881U 1 (3)	567

9882R



9882R 1 (1-2)	567
9882R 1 (3)	567

1897

professional bench sander

Particularly recommended for surface finishing jobs on several materials (metal, plastic, glass, ceramic, wood etc.).
The cabin is made from properly reinforced sheet steel which results in unparalleled sturdiness and firmness.
The cabin is equipped with the following:
- loading door with magnet closure
- perforated sheet metal top
- standard connection for vacuum cleaners, ø 36 mm
- protective polycarbonate viewing window, 6 mm
- LED lamp
- pneumatic circuit (compressed air inlet)
- sanding gun with trigger operation



TECHNICAL DATA
Useful dimensions of cabin: 600x520x320 mm
Overall dimensions: 660x530x500 mm
Weight: 38 kg
Worktop: perforated sheet metal
Lighting: LED
Air consumption: 340 l/min at 7 atm
Power supply: 220 V - 50 Hz

1897	1	018970066

1897/CRB

corundum for sander 1897 in 25 kg bag



1897CRB	1	018970101

1897/G

garnet for sander 1897 in 25 kg bag



1897G	1	018970104

1897/MV

glass microspheres for sander 1897 in 25 kg bag



1897MV	1	018970103

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
• 2 packs of bio-active liquid

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/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

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.



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

Technical specifications:
- Operating voltage: 12 V
- Power supply cord length: 3.9 m
- Tank capacity: 1 l

1899A	1	018990010

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

2080/VG

ABS organizer tool case with swivel trays

- **With upper small parts organizer (145 mm in diameter) and 4 swivel trays:**
  - **1 tray 305 mm in diameter**
  - **3 trays 445 mm in diameter**
- **Supplied complete with 12 partitions for use in 3 larger swivel trays, to obtain up to 8 compartments per level**



2080/VG	1	020800100

445x445x550 mm - 3,4 kg

2250-O

heavy duty swivel creeper seat with tray



2250-O	1	022500011

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



2258RR	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

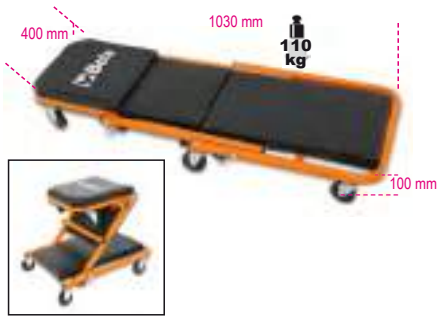
spare creeper castors



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

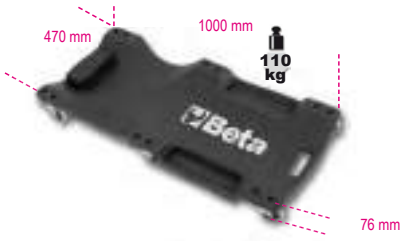
3002/RLS
6 spare wheels for creeper 3002



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

3003PRO/SP
wall-mounted plastic support for creeper 3003PRO

can be mounted to walls, bridge jacks, chests of drawers or other equipment, thereby allowing creeper to be fixed through a quick system with safety closure.



3003PRO/SP	1	030030151

3003PRO/PM
magnetic tool holder, round, for creeper item 3003PRO

can be applied to wheel rims of creeper to retain small items during jobs



3003PRO/PM	1	030030152

3003PRO/RCR
spare rear wheels for creeper 3003PRO, pair



3003PRO/RCR	1	030030650

3003PRO/RRG
spare front castor for creeper 3003PRO



3003PRO/RRG	1	030030651

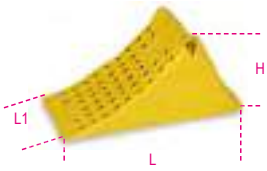
3003PRO/RT
LED inspection lamp with spare magnets for creeper 3003PRO

- 250 lumens
- Batteries: 4xAAA (not included)



3003PRO/RT	1	030030652

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:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1875LT to 3067
Jacks	items 3029/2T to 3067/70-13T



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

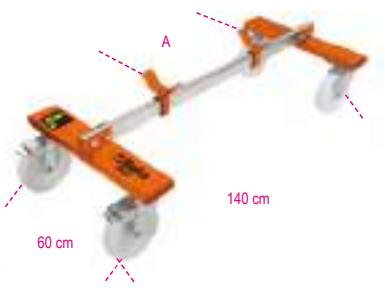
3006 R/RG
spare castor for wheel jack and positioner 3006



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

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

CE



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

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

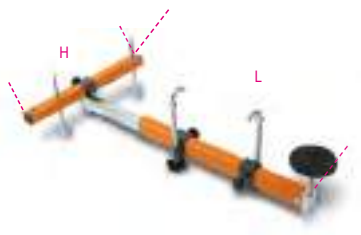
3012C
lower engine bracket

ideal for cars and commercial vehicles



3012C	1	030120255

3012I
lower engine bracket



	L mm	H mm		
3012I	630÷960	190	1	030120250

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



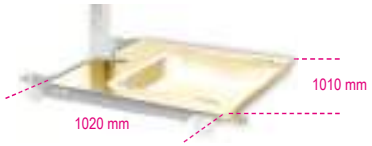
3014SAR	1	030140360

3014SAR/RR
4 spare wheels for engine stand 3014SAR



3014SAR/RR	1	030140370

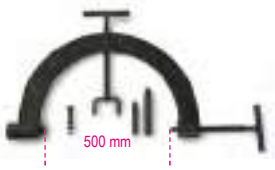
3014SAR/1
fluid collection tank
for item 3014 SAR



3014SAR/1	1	030140361

1020x1010x11 mm

3014SAR/2
clamp for fixing transmission gear on stand
item 3014 SAR



3014SAR/2	1	030140362

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

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**

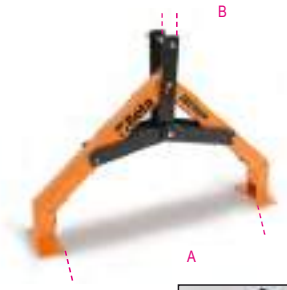


A mm	B mm	C mm	D mm		
1560	1600	1000	880	1	030250110

3025N/PF

barrel handling pliers

maximum capacity: 300 kg





	A mm	B mm		
3025N/PF	550÷640	70	1	030250111

3026 0,3

hydraulic pit and under bridge jack



H min mm	H Max mm	L mm	L1 mm	Ø 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 mm	H Max mm	L mm	L1 mm	Ø mm		
1140	1990	600	550	30	1	030260005

3026/R0,5

4 spare swivel wheels for hydraulic jack 3026 0,5

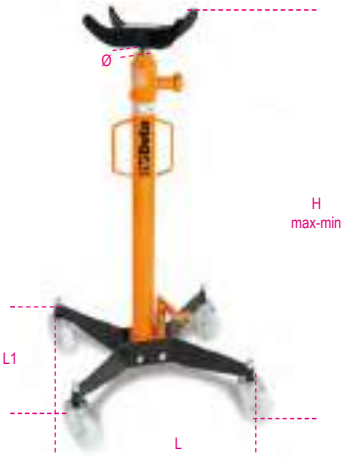


3026/R 0,5	1	030260905

3026 1,0

hydraulic pit and under bridge jack

Maximum capacity: 1 t



H min mm	H Max mm	L mm	L1 mm	Ø 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/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 hubs for 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	302 7N10-20	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	1	030270560
3027N/KPP50	1	030270565

3027/PR
press supporting tool for removal/insertion of hubs, bearings and silent blocks

Universal system which allows user to mount/dismount hubs, bearings and silent blocks into/from their housings by operating under a press, through a supporting base and its accessories.
Tool can adapt to irregular geometric shapes of hubs/king pins on which operator must work.



Technical Data:
- Working range: min. 130 mm - max. 186 mm
- Dimensions: 300 x 300 mm
- Weight: 13 kg
- Max. load-bearing capacity: 20 t

3027/PR	1	030270400

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

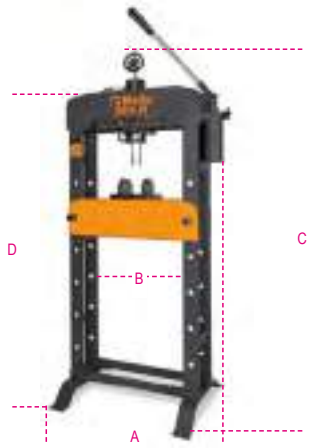
3028SP/15
protective screen
for press 3028 15



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

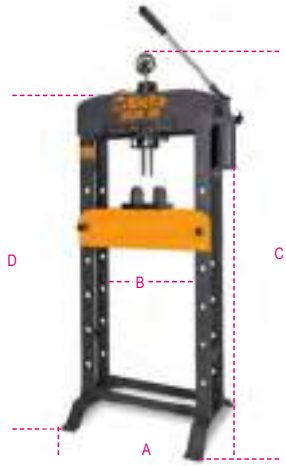
3028SP/20
protective screen
for presses 3028 20



3028SP/20	1	030280021

3028 30
hydraulic press with moving piston

maximum capacity: 30 t
vertically adjustable top
sliding piston



A mm	B mm	C mm	D mm		
850	540	1850	1650	1	030280030

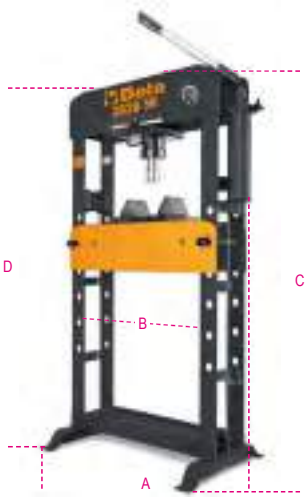
3028SP/30
protective screen
for presses 3028 30



3028SP/30	1	030280031

3028 50
hydraulic press with moving piston and hoist

maximum capacity: 50 t
vertical top adjustment through hoist
sliding piston



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

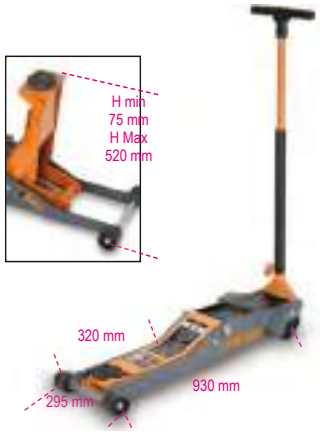
- Quick approach pedal
- Steel frame and nylon wheels
- Minimum height: 75 mm



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



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

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



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



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



3033/3T	1	030330030



3033E/3T

hydraulic jack,
3 t

- **controlled descent speed**
- **nylon wheels**

CE



	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



3033S 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

CE



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 low 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

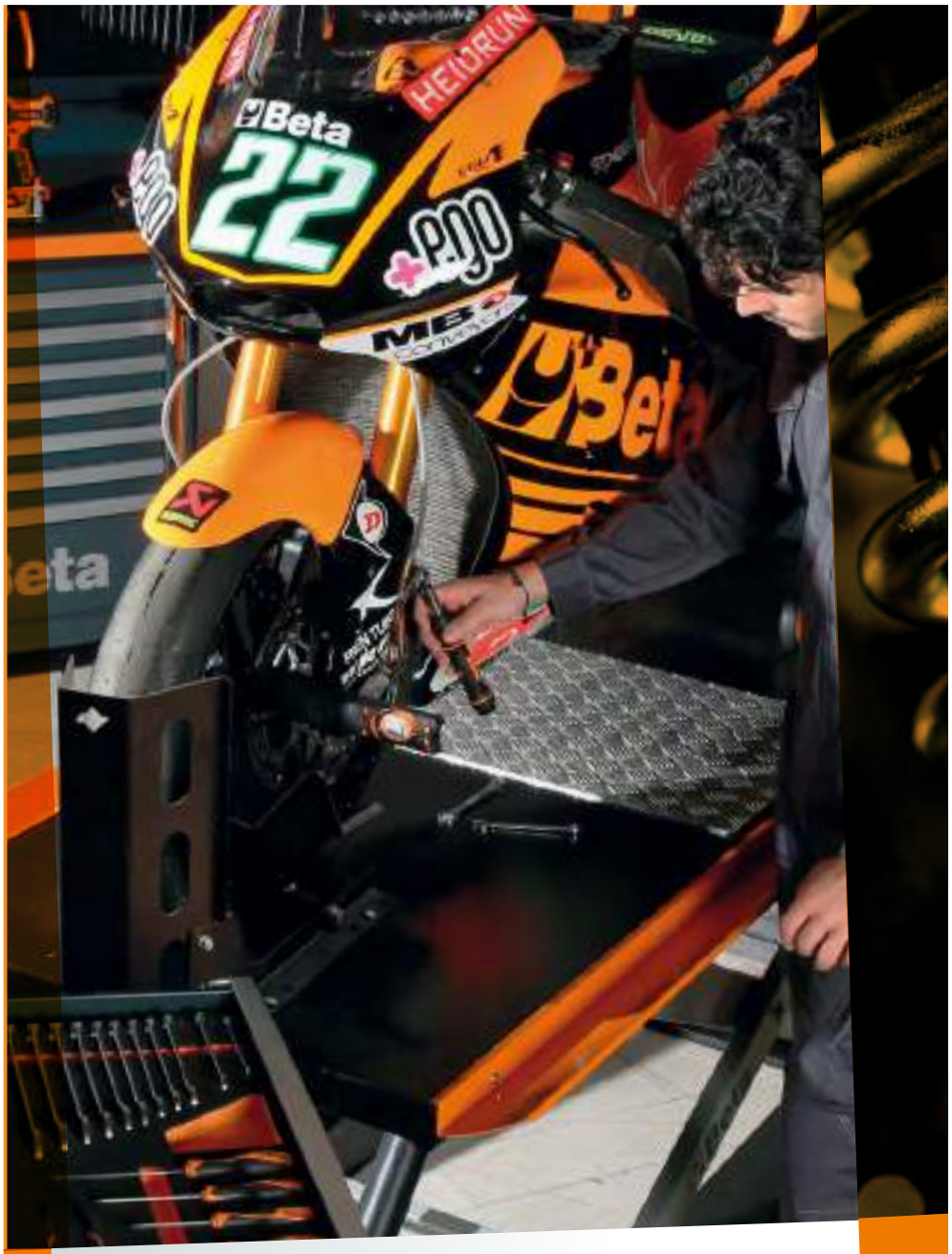
3069

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

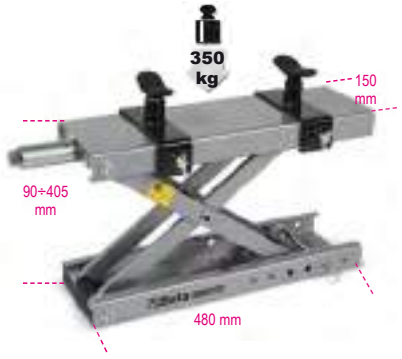


3048C	1	030480002

3050/CC

chock cradle centre stand
for Custom, Enduro, Cross, Scooter
motorcycles

includes adjustable support kit

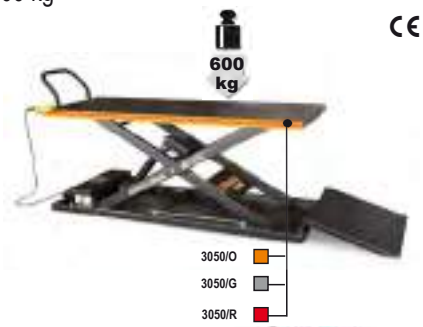


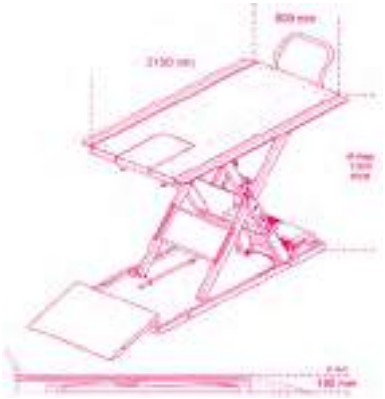
3050/CC	1	030500012



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

	L mm	L mm	H min mm	H Max mm		
3050/O	975	2100	185	1110	1	030500201
3050/G	975	2100	185	1110	1	030500202
3050/R	975	2100	185	1110	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



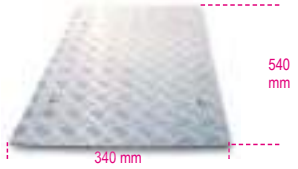
3050/MS	1	030500032

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

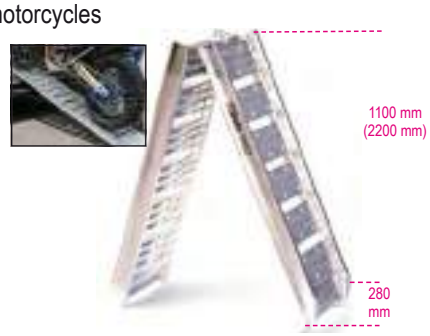
3055M
automatic van clamp

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
- Comes with 2 hub cones

3070B	1	030700100

3070B/...
balancing rod
for balancer 3070B



	Ø1	Ø2	L		
3070B/10	30	10	410	1	030700101
3070B/12	30	12	415	1	030700102
3070B/14	40	14	415	1	030700103

3070BE/K
electronic hand-spin wheel balancer, portable

balancing system with hand-spin microprocessor (without motor),
for balancing iron or alloy car and motorcycle wheels





Features:
• Compact and easy to carry, for use in garages, trucks or track pits
• Can be mounted to a workbench or a wall
• Software includes all unbalance correction programmes, reading of positions with adhesive weights (ALUS), weights hidden behind spokes (SPLIT) and unbalance optimization
• Can be used with swivel support BETA 3070BE/S (optional)

Accessories supplied with wheel balancer:
• Flexible graduated ruler
• Ring nut with handwheel and 3 cones Ø 45 ÷ 110 mm

Technical data:
• Power supply: 115-230V AC o 12-24V DC
• Max. absorbed power: 0.15 kW
• Balancing speed: 100 rpm
• Measurement uncertainty: 1 g
• Rim width: 1.5" ÷ 20" (40 ÷ 510 mm)
• Max. weight wheel: 75 kg

3070BE/K	1	030700250

3070BE/S
swivel support for portable electronic wheel balancer item 3070BE

allows wheel balancer to be fixed to a wall or a workbench, thereby resulting in reduced installation space



	L mm	L1 mm		
3070BE/S	514	280	1	030700201

3070BE/F

universal motorcycle flange, Ø 40 mm, for item 3070BE

for use on wheels with central through-holes, Ø 15 ÷ 35 mm, and on flanged wheels with truing up to Ø 68 mm



3070BE/F	1	030700202

3070BE/B

kit of 8 motorcycle wheel truing sockets for item 3070BE

Designed to work on following diameters:
28 - 25 - 22 - 20 - 19.05 - 17 - 16 - 15



3070BE/B	1	030700203

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.

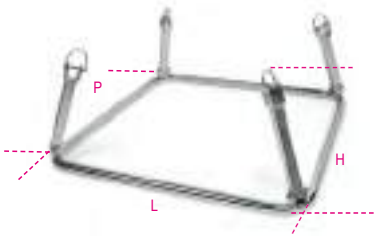


	L mm	H mm	P mm	Ø mm		
3071B	570	330	650	340	1	030710010

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

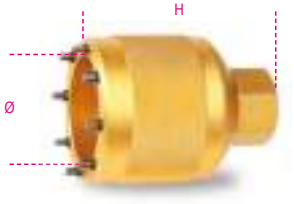


3073	1	030730001

30740

electronic Ohlins fork cap wrench

1/2"



	H mm	Ø mm		
3074O	70,5	50,5	1	030740001

30740/S

Sachs fork wrench
for DUCATI Multistrada

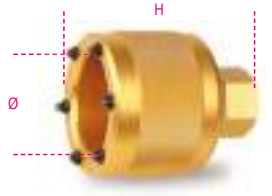
12"



	H mm	Ø mm		
3074O/S	75	65	1	030740002

30740/M

Marzocchi fork wrench
for DUCATI 1199 and Hypermotard



	H mm	Ø mm		
3074O/M	69	55	1	030740003

30740/2

Octagonal Ohlins fork wrench for DUCATI motorcycles

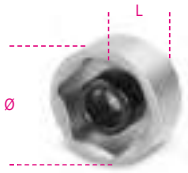


	H mm	Ø mm		
3074O/2	45	65	1	030740004

3075A

hexagon socket
for wheel hub nuts

12"

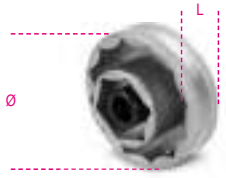


	⌀ mm	Ø mm	L mm		
3075A 28	28	38	30	1	030750028
3075A 30	30	40	30	1	030750030

3075B

bi-hex socket
for wheel hub nuts

12"



	⌀ mm	Ø mm	L mm		
3075B 55	55	70,7	25	1	030750155

3075MV

bi-hex socket for MV AGUSTA wheel hub nuts

12"



	⌀ mm	Ø mm	L mm		
3075MV 56	56	70,7	30	1	030750156

3075/CM

multiple hexagon socket
for wheel pins



3075/CM
12-14-17-19-22-24 mm — 1 030750212

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

3079/21

cable oiler

**Allows proper lubrication
of clutch cables and gas control,
for increased sheath smoothness and cable duration.**



3079/21 — 1 030790021

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		
3091/10	24x1,5	1	030910010
3091/20	26x1,0	1	030910020
3091/25	27x1,0	1	030910025
3091/30	28x1,0	1	030910030
3091/40	30x1,0	1	030910040
3091/45	30x1,5	1	030910045
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		
3092/10	18x1,5	1	030920010
3092/20	19x1,0	1	030920020
3092/25	27x1,0	1	030920025
3092/30	27x1,25/20x1	1	030920030
3092/35	22-26x1,5	1	030920035
3092/40	25x1,5/22x1	1	030920040
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

3093/U
multiple flywheel puller



3093/U	1	030930050
M10x1.25R		
M14x1.5R		
M16x1.5R		
M18x1.5R		
M24x1.0R		
M27x1.0L		

3094PA
OFFROAD motorcycle breakdown service panel

Metal frame; legs can be folded into frame; recommended for tool arrangement in racing fields
available in 3 colours:
- **3094PA-O Orange**
- **3094PA-G Grey**
- **3094PA-R Red**

Optional accessories:
- **paper roll holder 3200 PR**
- **magnetic universal bottle holder 2499PF/M**



	L mm	H mm	H1 mm		
3094PA-O	750	1555	900	1	030940101
3094PA-G	750	1555	900	1	030940102
3094PA-R	750	1555	900	1	030940103

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	M	1	030990102
3099E/L	L	1	030990103

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

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 2020 e 2021

UAE TEAM Emirates | Beta supplier

Partnership 2023



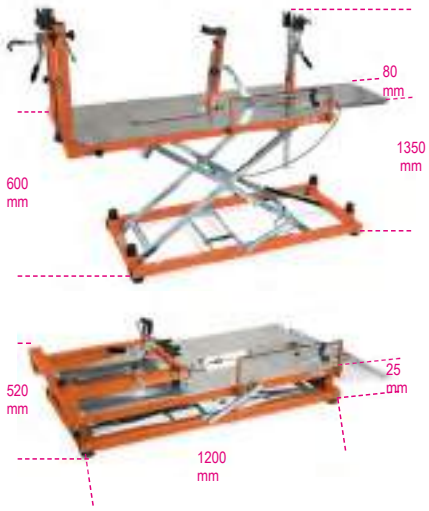
Official contributor of Eolo KOMETA cycling

Partnership 2023

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

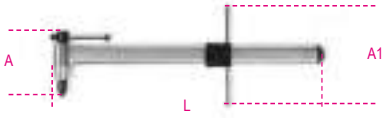
- **Clamp can be rotated 360°**
- **Carrying capacity: 15 kg**
- **Maximum clamp height: 150 cm**



3918MML	1	039180010

3921

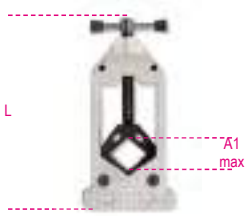
derailleur hanger alignment gauge



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

professional chain tool compatible with chains from 5 to 11 speeds



L mm	L1 mm		
164	115	1	039320011

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		
13	205	2	039520013
14	205	2	039520014
15	205	2	039520015
16	205	2	039520016
17	205	2	039520017
18	205	2	039520018
19	205	2	039520019
20	205	1	039520020
21	205	1	039520021
22	205	1	039520022
24	205	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

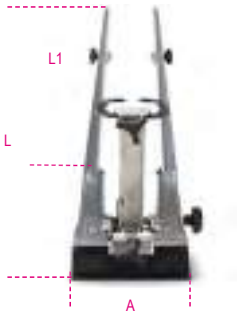
3965
wheel alignment gauge, ø 20" ÷ 29"



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°	⬢ 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

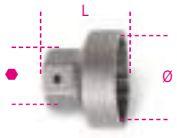


L mm	
240	1 039730001

3973/1
16-notch bottom bracket removal socket

- Suitable for Shimano® XTR BB93, Dura-Ace® BB9000

12"



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

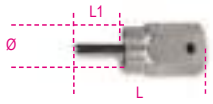
3984/2
Shimano freewheel removal wrench



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			A1 mm		
234	4	55	2,2	1	039920010

2115PI/BIKE-HOME



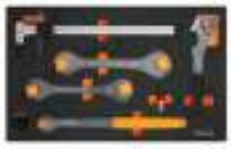
2115PI/BIKE-HOME	361

M400



M400	543
MV400	543

M401



M401	543
MV401	543

MM400



MM400	548
MMV400	548

MM401



MM401	548
MMV401	548





INSULATED TOOLS

Beta Utensili's insulated tools are meant to guarantee installation and electrical maintenance men's safety.
All of the insulated tools make it possible to work on systems up to 1000V on alternating current and up to 1500V on direct current.
To provide the highest quality and performance standards and verify fitness and compliance with EN 60900, each tool is subjected to the following stringent tests: handle resistance to slipping and flame propagation, and high voltage test (10000V).
For assortments and thermoformed trays, see relevant sections.

All of Beta's insulated tools are built in accordance with the specifications of EN60900 and are approved by the best European certification institutions



Istituto Italiano del Marchio di Qualità - I

Verband der Elektrotechnik
Elektronik Informationstechnik - D

⩓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.).

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.



52MQ
single open end wrenches



⩓1000 V

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



⩓1000 V

EN 60900

○ mm	L mm		
6	150	1	000890106
7	155	1	000890107
8	155	1	000890108
9	160	1	000890109
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
18	236	1	000890118
19	240	1	000890119
21	250	1	000890121
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



⩓1000 V

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



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

38"



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® 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	

914MQ/A

hexagon hand sockets,
3/8" female drive,
made from special polyamide-based technopolymers

Specially designed for batteries of hybrid and electric cars

For use with torque wrench

3/8"



1000 V

EN 60900

mm	Ø mm	L mm	Ø1 mm		
8	17,5	45	20	2	009140008
10	20,5	45	20	2	009140010
13	24	45	20	2	009140013
17	30	45	22	2	009140017

3/8"



EN 60900

914MQ-A/S4 8-10-13-17 mm	1	009140054

920MQ/A

hexagon sockets

1/2"



1000 V

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

1/2"



1000 V

★=

EN 60900

	Ø 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

1/2"



1000 V

EN 60900

L mm	Ø mm		
135	28	1	009200804

920MQ/22

1/2" square drive extension bar

1/2"



1000 V

EN 60900

L mm	Ø mm		
264	30	1	009200805

920MQ/T

1/2" square drive, T-handle

1/2"



1000 V

EN 60900

L mm	L1 mm		
200	163	1	009200807

920MQ/55A

1/2" square drive reversible ratchet with socket locking system

1/2"



1000 V

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

1/2"



1000 V

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

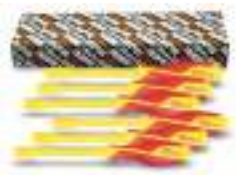
hexagon nut spinners with handles



1000 V

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



*

1000 V

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



≙1000 V

EN 60900

L mm		
147	1	009930040

994MQ
straight knurled point spring tweezers

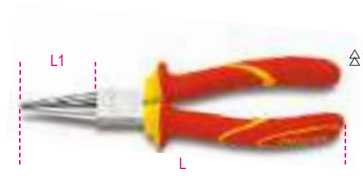


≙1000 V

EN 60900

L mm		
145	1	009940040

1010MQ
long round nose pliers



≙1000 V

EN 60900

L mm	L1 mm		
160	51,5	1	010100096

1048MQ
slip joint pliers, boxed joint

• **Chrome-plated finish**



≙1000 V

EN60900

L mm	A max mm	L1 mm		
250	48	39	1	010480315

1082MQ
diagonal cutting nippers



≙1000 V

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

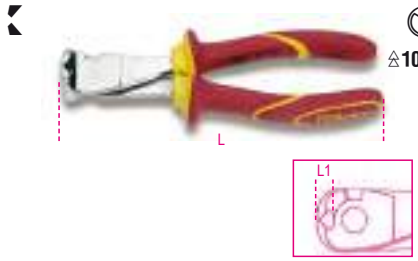


≙1000 V

EN 60900

L mm	L1 mm	mm		
200	26	2,0	1	010840100

1088MQ
end cutting nippers



≙1000 V

EN 60900

L mm	L1 mm	mm		
160	7	1,6	1	010880096

1128MQ
electrician's scissors,
stainless steel blades,
with microteeth



≙1000 V

IEC60900

L mm	L1 mm		
145	45	1	011280101

1132MQ
cable cutter with insulated handles
for copper and aluminium cables



≙1000 V

EN 60900

L mm	mm		
230	18	1	011320193

1142MQ
wire stripping pliers



≙1000 V

EN 60900

L mm	mm²		
160	0,5÷6	1	011420096

1150MQ
combination pliers, bright chrome-plated



≙1000 V

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

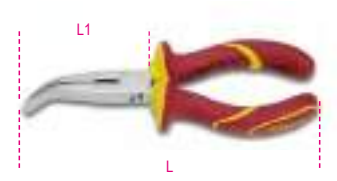


≙1000 V

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



≙1000 V

L mm	L1 mm	mm		
160	54	1,6	1	011640096
200	76	1,6	1	011640100

1166MQ
extra long needle nose pliers



≙1000 V

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



1000 V

EN 60900

L mm	L1 mm	mm		
160	50	1,6	1	011680096
200	70	1,6	1	011680100

1169MQ/D2

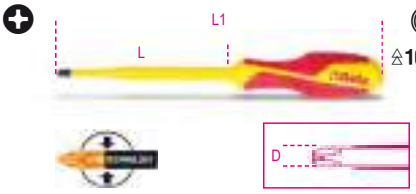


1000 V

1169MQ/D2		1	011690152
1150MQ	180 mm		
1082MQ	160 mm		

1272MQF
screwdrivers for cross head Phillips® screws

Slim

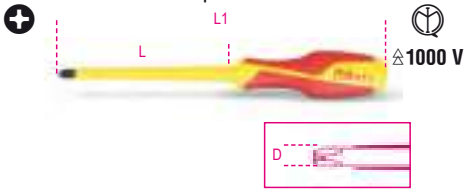


1000 V

EN60900

PHxDxL mm	L1 mm		
1x4,5x80	187	3	012720609
2x6x100	218	3	012720618

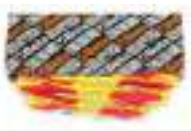
1272MQ
screwdrivers
for cross head Phillips® screws



1000 V

EN 60900

PHxDxL mm	L1 mm		
0x3x60	160	3	012720703
1x4,5x80	187	3	012720709
2x6x100	218	3	012720718
3x8x150	276	2	012720724
4x10x200	326	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

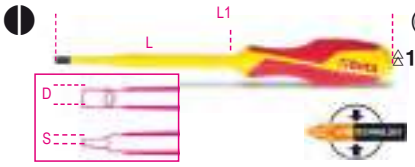


1000 V

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

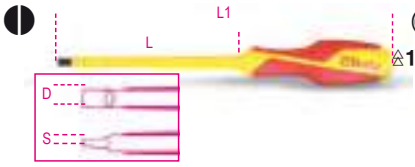


1000 V

EN60900

SxDxL mm	L1 mm		
0,6x3,5x100	200	3	012740603
1x4,5x100	205	3	012740606
1x5,5x125	232	3	012740609
1,2x6,5x150	268	3	012740612

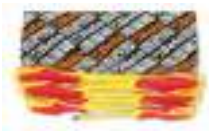
1274MQ
screwdrivers for headless slotted screws



1000 V

EN 60900

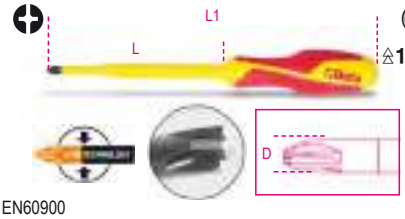
SxDxL mm	L1 mm		
0,4x2,5x75	175	3	012740700
0,5x3x100	200	3	012740703
0,8x4x100	207	3	012740706
1x5,5x125	232	3	012740709
1,2x6,5x150	268	3	012740712
1,2x8x175	301	2	012740715
1,6x10x200	326	2	012740718



1274MQ/S6	1	012740751
0,5x3x100-0,8x4x100 1x5,5x125-1,2x6,5x150 1,2x8x175-1,6x10x200 mm		

1275MQ/C
screwdrivers for combined cross head PH + slotted head screws

slim



1000 V

EN60900

PH1+LPP	2	012750409
PH2+LPP	2	012750418

1276MQ/C
screwdrivers for combined cross head PZ + slotted head screws

slim

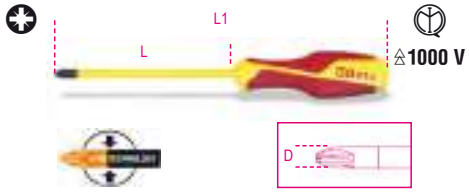


EN 60900

PZ1+LPP	2	012760409
PZ2+LPP	2	012760418

1279MQ/F
screwdrivers for cross head Pozidriv®-Supadriv® screws

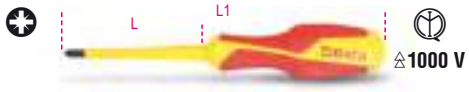
slim



EN60900

pz	L mm	L1 mm		
1	80	187	3	012790409
2	100	218	3	012790418

1279MQ
screwdrivers for cross head Pozidriv®-Supadriv® screws



EN 60900

PZ	L mm	L1 mm		
0	60	160	3	012790703
1	80	187	3	012790709
2	100	218	3	012790718
3	150	276	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

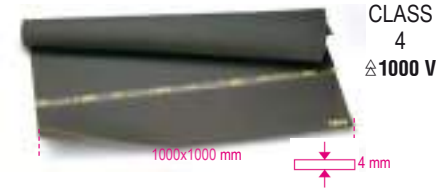
	L mm		
1777MQ/U	190	1	017770011

1777RL/U
4 spare blades for utility knife 1777MQ/U



1777RL/U	1	017770021

1995MQ/T
insulating mat



VDE 0303
EN 60243

	LxSxH mm		
1995MQ/T	1000x1000	1	019950030

1995MQ/G1 - G2
insulating gloves in latex

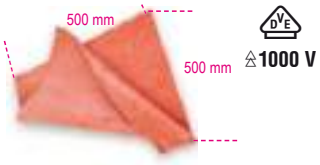


EN 60903

	Gr.	L mm		
1995MQ/G1	9	410	1	019950010
1995MQ/G2	10	410	1	019950013

1996MQ/T
insulating cloth

500x500mm



DIN EN 61112

	S mm		
1996MQ/T0,5	1.0	1	019960005

1996MQ/GM
composite insulating gloves

EN60903
EN388



EN 60903
EN 61482

	Gr.	L mm		
1996MQ/GM 9	9	410	1	019960109
1996MQ/GM 10	10	410	1	019960110

1996SVG
pneumatic tester for insulated gloves

mandatory testing in accordance with EN90603



1996SVG	1	019960133

2115P L-MQ32



2115PL-MQ32	362

2029EM



2029EM	355

5989 VEM



5989 VEM	517



TETHERED TOOLS

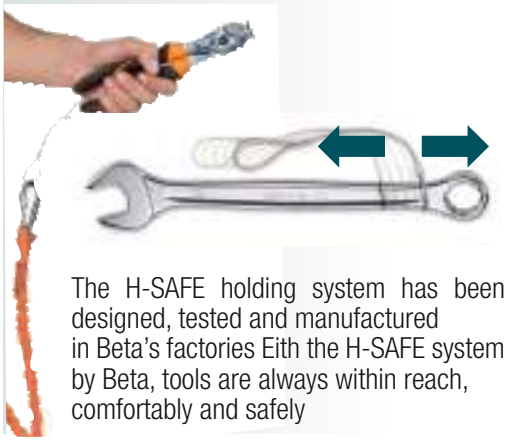
Beta H-SAFE

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 Eith 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

42HS/AS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



"	L mm		
1/4x1/4	95	1	000424106
5/16x5/16	116	1	000424108
3/8x3/8	137	1	000424110
7/16x7/16	148	1	000424111
1/2x1/2	169	1	000424113
9/16x9/16	180	1	000424114
5/8x5/8	201	1	000424116
11/16x11/16	212	1	000424117

"	L mm		
3/4x3/4	233	1	000424119
13/16x13/16	254	1	000424121
7/8x7/8	264	1	000424122
15/16x15/16	285	1	000424124
1x1	296	1	000424125
1.1/16x1.1/16	317	1	000424127
1.1/8x1.1/8	338	1	000424129
1.1/4x1.1/4	370	1	000424132
1.5/16x1.5/16	391	1	000424133

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
46	69	1	000914246

92HS

tubes for item 91
with H-SAFE tethered system



L mm	91 mm	Ø mm		
610	32÷41	22	1	000924020
760	46÷55	25	1	000924030

93HS

double-ended offset ring wrench for scaffolding bolts
with H-SAFE tethered system



mm	L mm		
21x22	310	1	000934021

96TBP-HS

ball head offset hexagon key wrenches with high torque handles and
H-SAFE tethered system

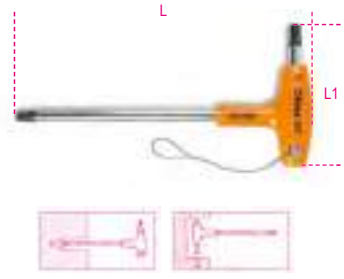


mm	L mm	L1 mm	Ø mm		
2,5	153	55	4	1	000964685
3	153	55	4	1	000964686
4	179	70	5	1	000964687
5	200	84	6	1	000964688
6	221	103	7	1	000964689
8	255	117	10	1	000964690
10	285	132	12	1	000964692

96THS

offset hexagon key wrenches, with high torque handles

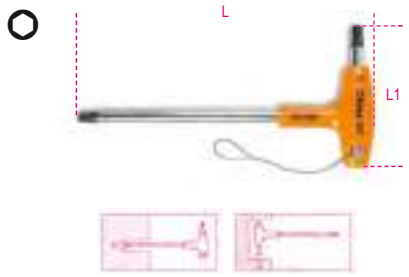
with H-SAFE tethered system



mm	L mm	L1 mm		
2,5	153	55	1	000964935
3	153	55	1	000964936
4	179	70	1	000964938
5	200	84	1	000964940
6	221	103	1	000964941
8	255	117	1	000964943
10	285	132	1	000964945

96THS-AS

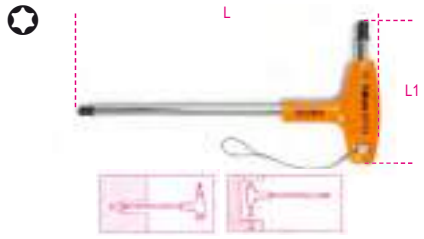
offset hexagon key wrenches,
with high torque handles
with H-SAFE tethered system



"	L mm	L1 mm	Ø mm		
5/32	200	84	6	1	000964673
3/16	200	84	6	1	000964674
7/32	221	103	7	1	000964675
1/4	236	106	8	1	000964676
5/16	255	117	10	1	000964678
3/8	285	132	12	1	000964680

97TTXHS

offset key wrenches with handles for Torx(R) head screws
with H-SAFE tethered system



mm	L mm	L1 mm		
T10	179	70	1	000974710
T15	179	70	1	000974715
T20	179	70	1	000974720
T25	179	70	1	000974725
T30	200	84	1	000974730
T40	221	103	1	000974740
T45	236	106	1	000974745
T50	255	117	1	000974750

111E-HS

adjustable wrenches with scales, chrome-plated

with H-SAFE tethered system
- **Right-hand rotation of pin**
- **Mm/inch scale**

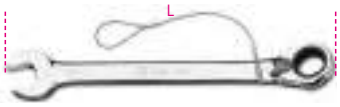


DIN 3117 ISO 6787

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		
8x8	136	1	001424008
9x9	143	1	001424009
10x10	159	1	001424010
11x11	168	1	001424011
12x12	174	1	001424012
13x13	180	1	001424013
14x14	190	1	001424014
15x15	200	1	001424015
16x16	216	1	001424016
17x17	233	1	001424017
18x18	239	1	001424018
19x19	248	1	001424019
21x21	285	1	001424021
22x22	285	1	001424022
24x24	325	1	001424024
27x27	355	1	001424027
30x30	420	1	001424030
* 32x32	420	1	001424032

*** Straight model without inverter**

360HS

pipe wrenches, Stillson pattern

with H-SAFE tethered system



L mm	Ø max "		
250	1" gas	1	003604025
350	1"1/2 gas	1	003604035
450	2" gas	1	003604045
600	2"1/2 gas	1	003604060





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
20÷100	3/8	30	33	385	-	760	0,25	
666HS/10							1	006664710
40÷200	1/2	42	43	471	*	1020	0,5	
666HS/20LC							1	006664721
60÷300	1/2	42	43	600	*	1270	1,0	
666HS/30LC							1	006664731

900E-HS/55

reversible ratchets with H-SAFE tethered system



DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
125	25	18	1/4	1	009004880

910E-HS/55

reversible ratchets with H-SAFE tethered system



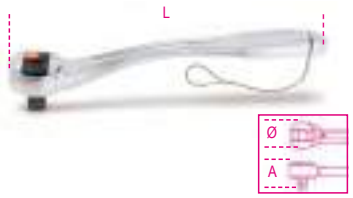
DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
200	30	33	3/8	1	009104880

920E-HS/55LC

reversible ratchets "Locking System"

with H-SAFE tethered system

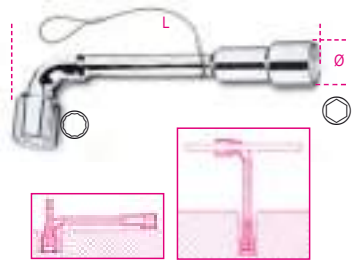


DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
275	40	43	1/2	1	009204860

932HS

double ended hexagon / bi-hex offset socket wrenches, bright chrome-plated with H-SAFE tethered system



NF E 74.303

mm	Ø mm	L mm		
6x6	11,5	110	1	009324006
7x7	12,5	116	1	009324007
8x8	13,0	120	1	009324008
9x9	14,0	125	1	009324009
10x10	16,5	133	1	009324010
11x11	17,5	143	1	009324011
12x12	19,0	148	1	009324012
13x13	19,5	154	1	009324013
14x14	21,5	167	1	009324014
15x15	22,5	182	1	009324015
16x16	24,5	193	1	009324016
17x17	26,0	198	1	009324017
18x18	26,5	215	1	009324018
19x19	29,0	220	1	009324019

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



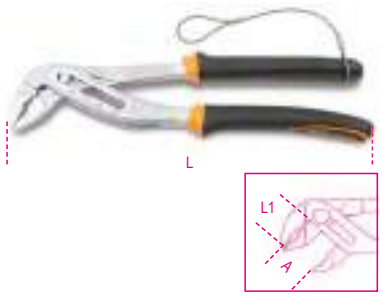
UNI 7915 DIN 5254

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**

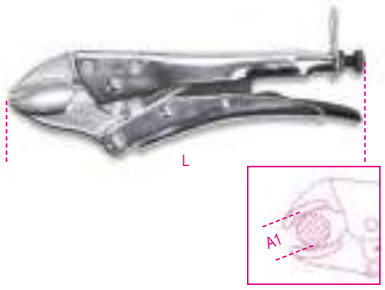


ISO 8976

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

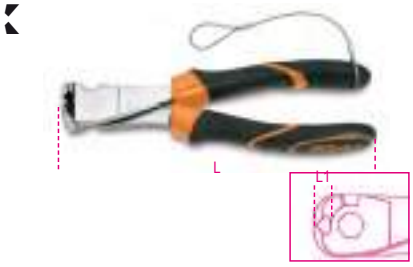


UNI/ISO 5749

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

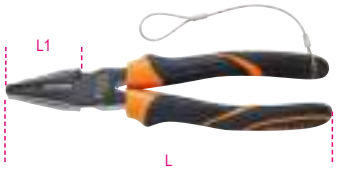


UNI 8791

L ~	mm	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

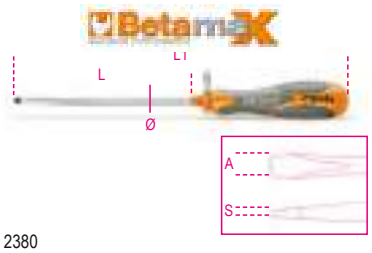


ISO 5745

L mm	L1 mm	mm	A mm		
200	70	1,6	22,0	1	011684040

1290HS

screwdrivers for slotted head screws H-SAFE



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x75	171	2,5	1	012904006
0,5x3x100	196	3,0	1	012904012
0,6x3,5x100	196	3,5	1	012904021
0,8x4x100	196	4,0	1	012904030
0,8x4x150	246	4,0	1	012904036
1x5,5x150	259	5,0	1	012904042
1,2x6,5x150	270	6,0	1	012904051
1,2x8x150	282	7,0	1	012904057
1,6x10x200	332	8,0	1	012904066

1292HS

screwdrivers for cross head Phillips® screws with H-SAFE tethered system



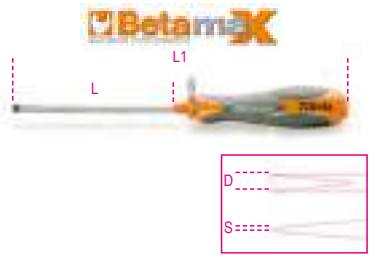
UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x100	196	1	012924006
1x4,5x120	229	1	012924012
2x6x150	270	1	012924021
3x8x150	282	1	012924024

1294HS

screwdrivers for headless slotted screws

with H-SAFE tethered system



SxDxL mm	L1 mm		
0,5x2,5x60	156	1	012944003
0,6x3x75	171	1	012944006
0,8x4x100	196	1	012944012
1x5x125	234	1	012944018

1299HS

screwdrivers for cross head Pozidriv(R)-Supadriv(R) screws with H-SAFE tethered system



UNI/ISO 8764

PZ	L mm	L1 mm		
0	60	156	1	012994000
1	80	189	1	012994003
2	100	220	1	012994006
3	150	282	1	012994009

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

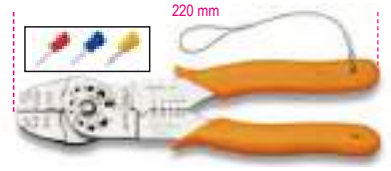
D mm	L mm	L1 mm		
35	310	95	1	013904035
45	320	107	1	013904045

1392HS
dead-blow hammers, with interchangeable plastic faces, steel shafts
with H-SAFE tethered system



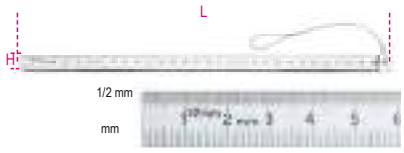
D mm	L mm	L1 mm		
35	305	115	1	013924035
40	310	125	1	013924040
50	325	135	1	013924050
60	385	155	1	013924060

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	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

CE



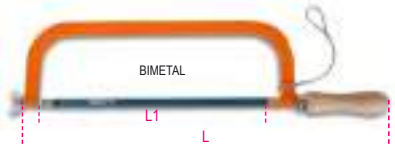
L m	S mm		
3	16	1	016924053
5	19	1	016924055

1708HS/20
metric feeler gauges
with H-SAFE tethered system



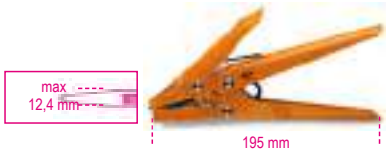
S mm	S	L mm		
0,05÷1,0	0,002÷0,040	105	1	017084020

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

CE



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

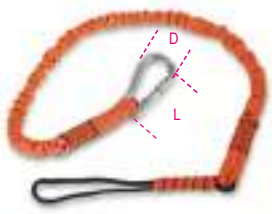


8873 230	1	088730230

8877

cushioned hook-up lace

- MAX 2.7 kg



	L cm min÷max	DxL mm		
8877 80	70-110	40x80	1	088770080

8877M

cushioned hook-up lace

- With anti-winding joint
- MAX 2.7 kg



	L cm min÷max	DxL mm		
	20-140	30x60	1	088770510

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 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.



STAINLESS STEEL + NO STAINLESS STEEL= RUST



STAINLESS STEEL + STAINLESS STEEL= NO RUST

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.

INOX®

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		
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/SC9 8-10-11-12-13-14-15-17-19 mm	1	000420387
42INOX/SCV9	1	000420303

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 1/4-5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4	1	000420396



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 2,5-3-4-5-6-8 mm	1	000961455
96BPINOX/B9 2-2,5-3-4-5- 6-7-8-10 mm	1	000961456
96BPINOX/BV	1	000961459

96BPINOX-AS
ball head offset hexagon key wrenches,
made of stainless steel



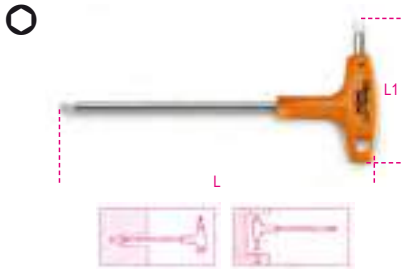
"	L mm	L1 mm	g		
5/64	91	22	5,5	4	000961989
3/32	91	22	5,3	4	000961990
7/64	101	24	10,5	4	000961991
1/8	101	24	10,7	4	000961992
9/64	112	29	18,7	4	000961993
5/32	112	29	18,7	4	000961994
3/16	131	33	31,5	2	000961995
7/32	154	36	50,0	2	000961996
1/4	164	40	70,0	2	000961997
5/16	175	44	115,0	2	000961998
3/8	197	51	186,5	2	000961999



96BPINOX-AS/B8 5/64-3/32-1/8-5/32- 3/16-7/32-1/4-5/16	1	000962000
96BPINOX/BV	1	000961459

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 2,5-3-4-5-6 mm	1	000961952
96TINOX/S8 2,5-3-4-5- 6-7-8-10 mm	1	000961954

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 3/32-1/8-5/32-3/16- 7/32-1/4-5/16	1	000961877

111INOX

adjustable wrenches,
made of stainless steel



DIN 3117 - ISO 6787

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

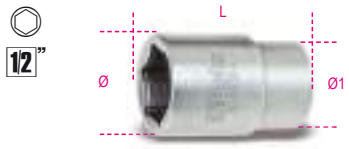
heavy-duty pipe wrenches,
made of stainless steel



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	1	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



mm	Ø mm	A mm		
264	40	43	1	009203882

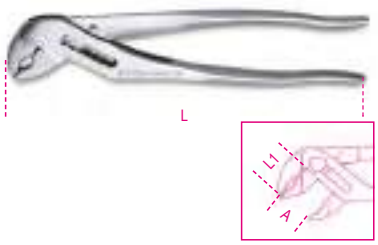
920/R55INOX



920/R55 INOX	1	009203879

1048INOX

slip joint pliers, boxed joints,
made of stainless steel
• **7-position model**



mm	A max mm	L1 mm		
250	33	33	1	010480325

1082INOX

diagonal cutting nippers,
made of stainless steel



mm	L1 mm	mm		
150	20,0	1,6	1	010820350

1150INOX

heavy-duty combination pliers,
made of stainless steel

decentralized pin
open joint



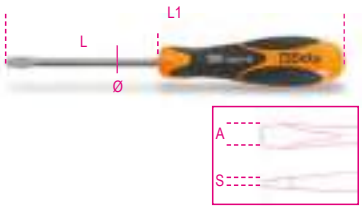
mm	L1 mm		
180	39	1	011500518

1153INOX
adjustable pliers, two positions,
made of stainless steel



L mm	L1 mm		
150	26	1	011530315

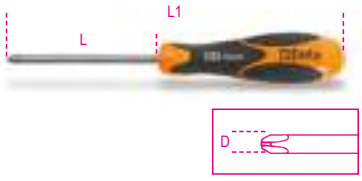
1290INOX
screwdrivers for slotted head screws
made of stainless steel



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2.5	4	012900403
0,5x3x75	171	3.0	4	012900409
0,8x4x100	196	4.0	4	012900430
1,0x5,5x150	259	5.0	4	012900442
1,2x6,5x150	270	6.0	4	012900451

1292INOX
screwdrivers for cross head Phillips® screws,
made of stainless steel



ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	4	012920403
1x4,5x80	189	4	012920409
2x6x100	220	4	012920418



1293INOX/D8
screwdriver set
made of stainless steel



1293INOX/D8		1	012930408
1290INOX	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x150 1,2x6,5x150 mm		
1292INOX	PH0x60-PH1x80 PH2x100 mm		

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 - 4kg

T23



T23	549
TV23	549

T99



T99	552
TV99	552

T228



T228	556
TV180	555-556



C04TSS-7

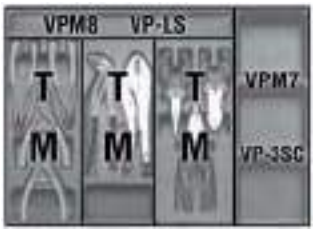
mobile roller cab with seven drawers, made entirely of stainless steel, Non-marking wheels

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

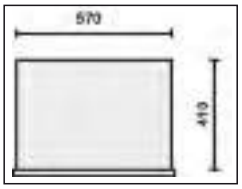


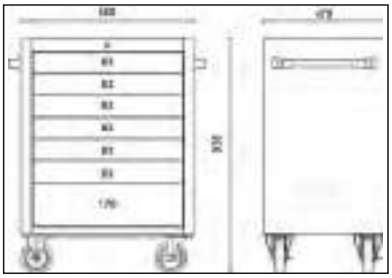




h	max
83 mm	25 kg
170 mm	30 kg







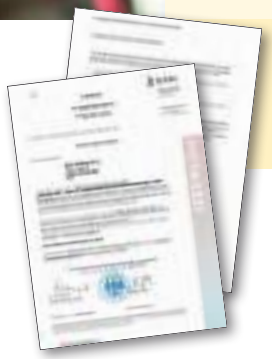
C04TSS/7	1	024003077

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
GAS	**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.
POLVERI	**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

55BA-AS
sparkproof double open end wrenches



"	L mm		
3/8x7/16	110	1	000550853
1/2x9/16	130	1	000550854
5/8x11/16	160	1	000550857
3/4x13/16	180	1	000550859
7/8x15/16	210	1	000550865
1x1.1/16	230	1	000550868
1.1/8x1.3/16	245	1	000550870
1.1/4x1.5/16	255	1	000550872

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

mm	L mm		
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

330BA

sparkproof pipe cutters for gas pipes



	Ø max	L mm		
330BA /2	50 mm 2"	375	1	003300802

330BA/2R

spare pin and knife for gas pipe cutter 330BA, sparkproof



330BA /2-R	1	003300822

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

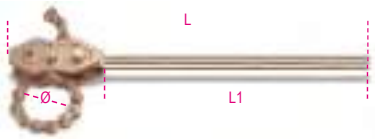
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



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	L1 mm		
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"

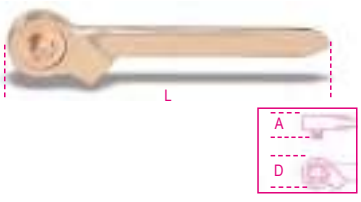


L mm		
75	1	009110840

911BA/55

3/8" push-through drive ratchet, spark-proof

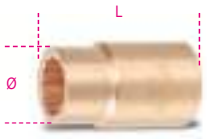
3/8"



L mm	D mm	A mm		
200	45	16.5	1	009110882

921BA
sparkproof bi-hex sockets

1/2"



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

1/2"



"	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

1/2"



L mm	□	■		
34	1/2	3/8	1	009210839

921BA/16
adaptor, 1/2" female and 3/4" male drives, sparkproof

1/2"



L mm	□	■		
34	1/2	3/4	1	009210840

921BA/21 - 921BA/22
sparkproof 1/2" wobble extension bars

1/2"



	L mm	Ø mm		
921BA/21	125	30	1	009210842
921BA/22	250	31	1	009210844

921BA/25
sparkproof 1/2" drive universal joint

1/2"



L mm	Ø mm	□	■		
80	25	1/2	1/2	1	009210845

921BA/42
sparkproof 1/2" drive sliding T handle

1/2"



L mm		
250	1	009210846

921BA/50
sparkproof 1/2" drive
push-through square ratchet

1/2"



L mm	D mm	A mm		
250	45	16,5	1	009210850

921BA/R50
sparkproof
spare set

1/2"



■		
1/2"	1	009210851

926BA
sparkproof bi-hex hand sockets

3/4"



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

3/4"



L mm	□	■		
55	3/4	1/2	1	009260861

926BA/22
sparkproof 3/4" drive extension bars

3/4"



	L mm	Ø mm		
926BA/22	200	38	1	009260872

926BA/42
sparkproof 3/4" drive slide T-handle

3/4"



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



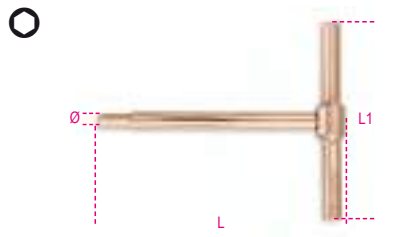
■		
3/4"	1	009260881

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



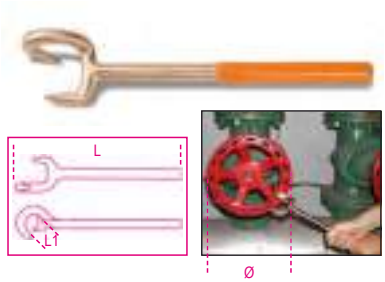
L mm		
★964BA/L 510	1	009640821

965BA
safety valve wrenches, sparkproof



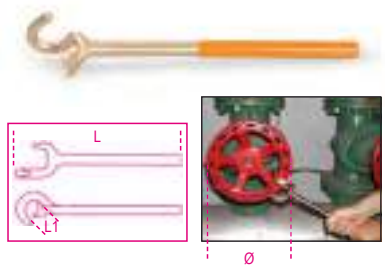
A mm	A1 mm	L mm		
30	44	200	1	009650830
32	50	300	1	009650832
35	47	250	1	009650835
40	50	300	1	009650840
45	58	350	1	009650845
48	62	375	1	009650848
50	67	400	1	009650850
55	73	450	1	009650855
60	79	500	1	009650860
★65	82	550	1	009650865
★70	85	600	1	009650870

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



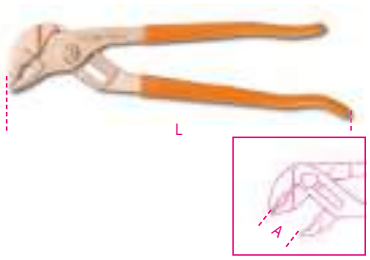
L mm	⊙ mm		
200	40÷100	1	010320820

1036BA
sparkproof external circlip pliers, straight pattern,
PVC-coated handles



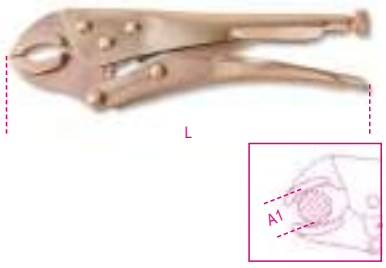
L mm	● mm		
200	40÷100	1	010360820

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

1270BA
sparkproof screwdrivers for slotted head screws



AxL mm	L1 mm		
3x75	178	1	012700803
4x100	209	1	012700804
5x150	250	1	012700805
6x150	270	1	012700806
10x250	382	1	012700810
8x200	312	1	012700808

1272BA
sparkproof screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm		
1x5x100	209	1	012720801
2x6x150	270	1	012720802
3x8x200	332	1	012720803

1277BA
screwdrivers for Torx® head screws, sparkproof



	L mm	L1 mm	Ø mm		
T10	75	184	5	1	012770810
T15	75	184	5	1	012770815
T20	100	209	6	1	012770820
T25	125	209	6	1	012770825
T30	150	270	6	1	012770830
T40	200	332	8	1	012770840

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

Beta 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
• 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-13BMC	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
• 20-position torque adjustment
• 13-mm metal auto-chuck
• Double mechanical speed with steel gears (0-450/1600 rpm)
• Max. drilling diameter in wood: 55 mm
• Max. drilling diameter in metal: 13 mm
• Max. drilling diameter in masonry: 13 mm



1972/20V-13BMC	1	019720019

490x370x125 mm - 3,6 kg

1984/K600

reversible impact wrench, 20 V, brushless, 1/2" drive - 600 Nm



• Digital BRUSHLESS motor
Remarkably enhanced performance, including: increased power, reduced energy consumption, extended useful motor life, improved power proportioning from push button
• Gearcase made entirely of metal
• Ergonomic nonslip handle
• 1/2" square male drive with bush retaining ring
• Reversible
• Right-/left-hand rotation with safety button (for transportation)
• Built-in LED light for poor visibility conditions
• LED battery charge level indicator
• Belt clip (right/left side)

Tightening
Three different torque and RPM settings can be selected (low - medium - high):
1: 200Nm; 1000 RPM
2: 350Nm; 1500 RPM
3: 550Nm; 1800 RPM

Untightening
1: 600 Nm: impact wrench applies maximum torque in continuous mode (free unscrewing)
2: 600 Nm - Self-stop function: impact wrench applies maximum torque until nut is fully unscrewed and then stops automatically (one-shot 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
• 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 - 1000 Nm

CE



• Digital BRUSHLESS motor
Remarkably enhanced performance, including: increased power, reduced energy consumption, extended useful motor life, improved power proportioning from push button
• Gearcase made entirely of metal
• Ergonomic nonslip handle
• 1/2" square male drive with bush retaining ring
• Reversible
• Right-/left-hand rotation with safety button (for transportation)
• Built-in LED light for poor visibility conditions
• LED battery charge level indicator
• Belt clip (right/left side)

Tightening
Three different torque and RPM settings can be selected (low - medium - high):
1: 300 Nm; 900 RPM
2: 500 Nm; 1600 RPM
3: 680 Nm; 1900 RPM

Untightening
1: 1000 Nm: impact wrench applies maximum torque in continuous mode (free unscrewing)
2: 1000 Nm - Self-stop function: impact wrench applies maximum torque until nut is fully unscrewed and then stops automatically (one-shot 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)

CE



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
• 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

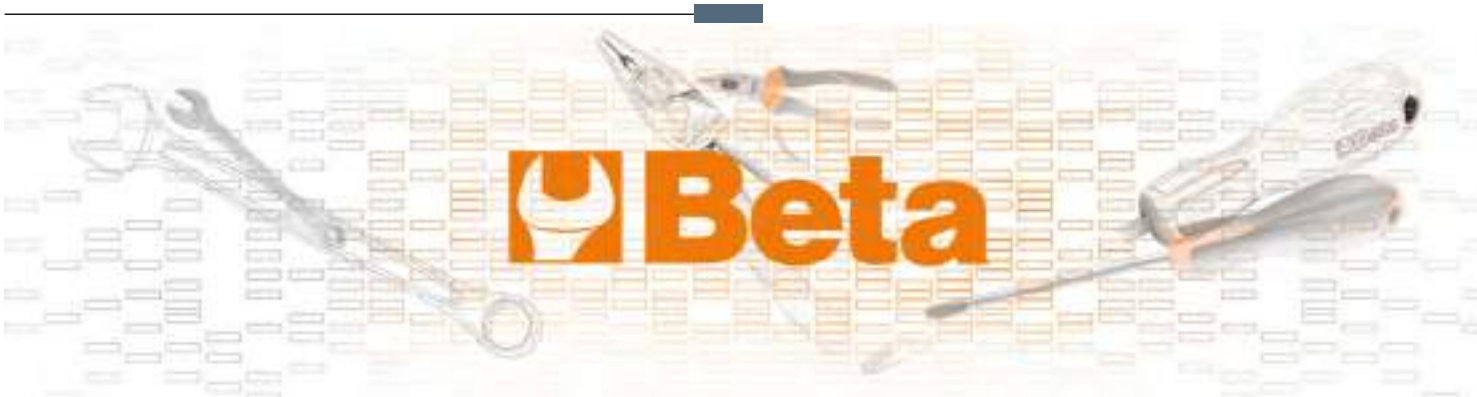
Main features
- Protection against accidental restart
- Additional handle, can be placed on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling
- Supplied 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



AVAILABLE FROM MAY

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



AVAILABLE FROM MAY

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



AVAILABLE FROM MAY

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

570 g



AVAILABLE FROM MAY

1994C 20V	1	019940140

1989RCB

construction site radio, 20V

CE

Multifunctional audio entertainment: digital (DAB; Bluetooth) and conventional FM radio
Suitable for use at construction sites or for leisure

Sturdy radio with compact, modern, design, degree of protection IP54
Powerful stereo sound provided by two powerful 16W side loudspeakers
Built-in alarm function
Complete with carrying handle and shockproof corner protection
With AUX connection and protected USB connector for phone connection and charge
Can be used with Beta's 20V batteries (optional) or power supply cord (included).

Main features:
- FM radio frequency range: 87.5 – 108 MHz
- DAB radio frequency range: 174 – 240 MHz
- Number of FM and DAB stored stations: 20
- Loudspeaker power: 16 W
- Rated voltage of battery (optional): 20 V
- Radio dimensions: 180 x 205 x 305 mm
- Radio weight (without battery): 3.2 kg

AVAILABLE FROM MAY









1989RCB	1	019890020	

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

AVAILABLE FROM MAY



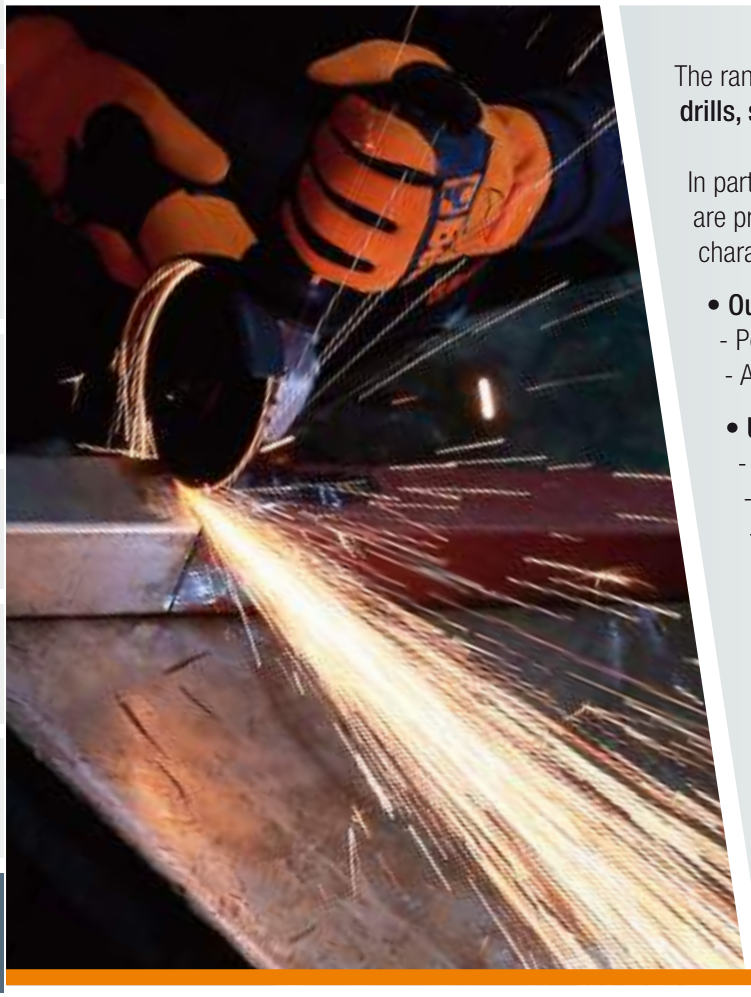




C9PT	1	021090001	

400x210x290 mm - 2,4 kg





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	320x250x50 mm	1 018510058

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

- 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

- 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 filter paper 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 vertical 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

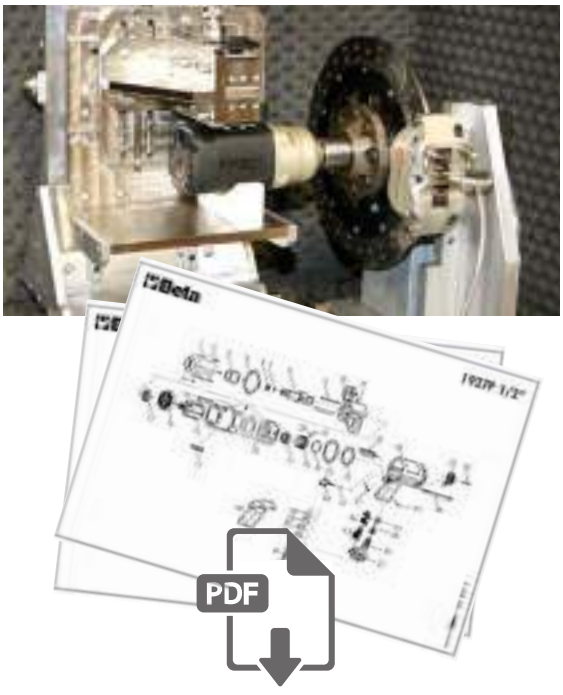




PNEUMATIC TOOLS

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.



www.beta-tools.com

GUIDE TO CHOOSING PNEUMATIC TOOLS

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"		1924B	Aluminium	**353**	91	95	80	1,5	Pin clutch	7,9
3/8"		1924CD	Composite material	**410**	91,7	102,7	79	1,3	Double hammer	6,2
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"		1927B	Aluminium	**705**	98,0	109,0	133	2,1	Pin clutch	14,08
1/2"		1927XM	Aluminium	**770**	102	113	122	1,3	Single hammer	7,5
1/2"		1927CD	Composite material	**1.020**	95,5	106,5	130	2,3	Double hammer	7,2
1/2"		1927P	Composite material	**1.750**	95,1	106,1	290	2,0	Double hammer	6,7
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"		1928CD	Composite material	**1.800**	97,5	108,5	215	3,5	Double hammer	11,4
3/4"		1928P	Composite material	**2.100**	96,2	107,2	221	3,7	Double hammer	7,6
1"		1930CD	Composite material	**2.445**	95,6	97,1	410	7,1	Double hammer	3,6
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

GUIDE TO CHOOSING PNEUMATIC TOOLS

■	BETA ITEM	N°	MATERIAL	max. Nm	db (A) LpA	db (A) LpW	l/min.	kg	MECHANISM	m/s²
1"		1930HLA	Aluminium	**3.661**	99	101	460	16,4	Double hammer	16,4
1½"		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

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**
Working pressure	6,2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	68 l/min
Weight	**0,4 kg**

"	kg		
1/4		1	019210001

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**
Working pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	96 l/min
Weight	**0.6 kg**

"	kg		
1/4	0,6	1	019210005

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**
Working pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	96 l/min
Weight	**0.6 kg**

"	kg		
3/8	0,6	1	019210015

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**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	140 l/min
Weight	**1.2 kg**

"	kg		
1/2	1,2	1	019210025

1922P1
reversible air impact ratchet

• **"Double rocking dog" impulse device**

1/4"



Free speed	**700 rpm**
Maximum torque	68 Nm
Bolt capacity	**CI 8.8 M10⬢16 mm**
Bolt capacity	CI 12.9 M8⬢13 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	88 l/min
Weight	**0.6 kg**

"	kg		
1/4	0,6	1	019220006

1922P2
reversible air impact ratchet

• **"Double rocking dog" impulse device**

3/8"



Free speed	**700 rpm**
Maximum torque	68 Nm
Bolt capacity	**CI 8.8 M10⬢16 mm**
Bolt capacity	CI 12.9 M8⬢13 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	88 l/min
Weight	**0.6 kg**

"	kg		
3/8	0,6	1	019220010

1922P3
reversible air impact ratchet

• **"Double rocking dog" impulse device**

1/2"



Free speed	**600 rpm**
Maximum torque	136 Nm
Bolt capacity	**CI 8.8 M12⬢18 mm**
Bolt capacity	CI 12.9 M10⬢16 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	113 l/min
Weight	**1.5 kg**

"	kg		
1/2	1,5	1	019220013

1924F
butterfly compact reversible impact wrench

• **"Double rocking dog" impulse device**

3/8"



Free speed	**12,000 rpm**
Maximum torque	108 Nm
Bolt capacity	**CI 8.8 M12⬢18 mm**
Bolt capacity	CI 12.9 M10⬢16 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	59 l/min
Weight	**0.5 kg**

"	kg		
3/8	0,5	1	019240025



1924B
compact reversible impact wrench

• **"Pin Clutch" impulse device**



Free speed	**10,000 rpm**
Max. torque	353 Nm
Bolt capacity	**Cl 8.8 M16⬢24 mm**
Bolt capacity	Cl 12.9 M14⬢21 mm
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	80 l/min
Weight	**1,5 kg**

"	kg		
3/8	1,5	1	019240021

1924XM
compact reversible impact wrench

• **Single hammer impulse device**



Free speed	**9,000 rpm/min**
Max. torque	515 Nm
Bolt capacity	**Cl 8.8 M16⬢24 mm**
Bolt capacity	Cl 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
Weight	**1.3 kg**

"	kg		
3/8	1,3	1	019240030

1927B
reversible impact wrench

• **"Pin Clutch" impulse device**



Free speed	**7,000 rpm**
Max. torque	705 Nm
Bolt capacity	**Cl 8.8 M22⬢34 mm**
Bolt capacity	Cl 12.9 M18⬢27 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	133 l/min
Weight	**2.1 kg**

"	kg		
1/2	2,1	1	019270022

1924CD
reversible impact wrench,
made from composite material

• **Double hammer impulse device**



Free speed	**10,000 rpm**
Max. torque	410 Nm
Bolt capacity	**Cl 8.8 M16⬢24 mm**
Bolt capacity	Cl 12.9 M14⬢21 mm
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	79 l/min
Weight	**1,3 kg**

"	kg		
3/8	1,3	1	019240007



1927B/K5
reversible impact wrench, made from aluminium, supplied with 5 impact sockets, in case



◌ **720** 15-17-19-21-22 mm

Free speed	**7,000 rpm**
Max. torque	705 Nm
Bolt capacity	**Cl 8.8 M22⬢34 mm**
Bolt capacity	Cl 12.9 M18⬢27 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	133 l/min
Weight	**2.1 kg**

"	kg		
1/2	3,5	1	019270122

350x305x86 mm

1927CD

reversible impact wrench,
made from composite material

• **Double hammer impulse device**



Free speed	**7,000 rpm**
Max. torque	1.020 Nm
Bolt capacity	**CI 8.8 M22●34 mm**
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	130 l/min
Weight	**1,9 kg**

■ "	kg		
1/2	2,3	1	019270007

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
Weight	**2 kg**

■ "	kg		
1/2	2,0	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
Weight	**1.3 kg**

■ "	kg		
1/2	1,3	1	019270030

1927CD/K3

assortment of one reversible impact wrench
and three impact sockets

• **Double hammer impulse device**



○ **720LC**17-19-21 mm

Free speed	**7,000 rpm**
Max. torque	1,020 Nm
Bolt capacity	**CI 8.8 M22●34 mm**
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	130 l/min
Weight	**1.9 kg**

■ "	kg		
1/2	4	1	019270107

350x305x86 mm

1927P/K3

reversible impact wrench, made from
composite material, supplied with 3 impact
sockets



○ **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
Weight	**2.9 kg**

■ "	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
Weight	**1.3 kg**

■ "	kg		
1/2	2,8	1	019270129

307x206x86 mm

1927AN
Angle reversible impact wrench

• **Single hammer impulse device**



Max. torque	**244 Nm**
Bolt capacity	244 Nm
Bolt capacity	**Cl 8.8 M14⬢21 mm**
Air inlet	Cl 12.9 M12⬢19 mm
Operating pressure	**1/4" GAS**
Internal hose size (Ø)	6,2 bar
Mean air consumption	**10 mm**
Weight	2.1 kg
Peso	**2,1 kg**

■ "	kg	
1/2	2,1	1 019270012

1927G
compact reversible impact wrench

• **Single hammer impulse device**



Free speed	**8500 rpm**
Max. torque	325 Nm
Bolt capacity	**Cl 8.8 M16⬢24 mm**
Bolt capacity	Cl 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
Weight	**1.2 kg**

■ "	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**



Free speed	**5,000 rpm**
Max. torque	1.695 Nm
Bolt capacity	**Cl 8.8 M30⬢46 mm**
Bolt capacity	Cl 12.9 M27⬢41 mm
Air inlet	**3/8" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	240 l/min
Weight	**4,3 kg**

■ "	kg	
3/4	4,3	1 019280022

1928DAL
reversible impact wrench

• **Double hammer impulse device**



Free speed	**5,000 rpm**
Max. torque	1.695 Nm
Bolt capacity	**Cl 8.8 M27⬢41 mm**
Bolt capacity	Cl 12.9 M24⬢36 mm
Air inlet	**3/8" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	240 l/min
Weight	**4,8 kg**

■ "	kg	
3/4	4,8	1 019280023

1928K4
assortment of one reversible impact wrench and four impact sockets, long series

• **"Pin Clutch" impulse device**



728L 27-30-32-36 mm

Free speed	**4,000 rpm**
Max. torque	1.493 Nm
Bolt capacity	**Cl 8.8 M27⬢41 mm**
Bolt capacity	Cl 12.9 M24⬢36 mm
Air inlet	**3/8" GAS BSP**
Working 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**



Free speed	**4,800 rpm**
Max. torque	1,600 Nm
Bolt capacity	**Cl 8.8 M27⬢41 mm**
Bolt capacity	Cl 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
Weight	**2.9 kg**

■ "	kg	
3/4	2,9	1 019280030

1928CD

reversible impact wrench,
made from composite material

• **Double hammer impulse device**



Free speed	**4.500 rpm**
Max. torque	1.800 Nm
Bolt capacity	**CI 8.8 M27●41 mm**
Bolt capacity	CI 12.9 M24●36 mm
Air inlet	**3/8" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	215 l/min
Weight	**3,5 kg**

■ "	kg		
3/4	3,5	1	019280007

1928P

reversible impact wrench, made from composite material

• **Double hammer impulse device**



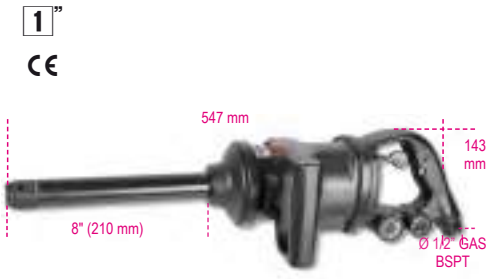
Free speed	**5,000 rpm**
Max. torque	2,100 Nm
Bolt capacity	**CI 8.8 M30●46 mm**
Bolt capacity	CI 12.9 M27●41 mm
Air inlet	**3/8" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	221 l/min
Weight	**3.7 kg**

■ "	kg		
3/4	3,7	1	019280006

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
Weight	**7.1 kg**

■ "	kg		
1	7,1	1	019300030



1930CD

reversible impact wrench,
made from composite material

• **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**
Working pressure	6,2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	320 l/min
Weight	**7,1 kg**

■ "	kg		
1	7,1	1	019300022

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
Weight	**9.6 kg**

■ "	kg		
1	9,6	1	019300032

1930LA
reversible impact wrench

• **Double hammer impulse device**



Free speed	**4,000 rpm**
Max. torque	2.445 Nm
Bolt capacity	**Cl 8.8 M36⬢55 mm**
Bolt capacity	Cl 12.9 M30⬢46 mm
Air inlet	**1/2" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min
Weight	**10,6 kg**

■ "	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	**Cl 8.8 M42⬢65 mm**
Bolt capacity	Cl 12.9 M33⬢50 mm
Air inlet	**1/2" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min
Weight	**16,4 kg**

■ "	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**
Working pressure	6,2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	130 l/min
Weight	**0,6 kg**

kg	
0,6	1 019310006

1930A
reversible impact wrench

• **Double hammer impulse device**



Free speed	**4,000 rpm**
Max. torque	2.445 Nm
Bolt capacity	**Cl 8.8 M36⬢55 mm**
Bolt capacity	Cl 12.9 M30⬢46 mm
Air inlet	**1/2" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min
Weight	**9.5 kg**

■ "	kg	
1	9,5	1 019300036

1930ZL
reversible impact wrench

• **Double hammer impulse device**



Free speed	**3,000 rpm**
Max. torque	4.068 Nm
Bolt capacity	**Cl 8.8 M42⬢65 mm**
Bolt capacity	Cl 12.9 M36⬢55 mm
Air inlet	**1/2" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**13 mm**
Mean air consumption	480 l/min
Weight	**15 kg**

■ "	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**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	170 l/min
Weight	**1 kg**

kg	
1,0	1 019310010

1931CD13
reversible drill,
made from composite material



Free speed	**800 rpm**
Chuck capacity	1,0÷13 mm
Power	**0,38 kW**
Spindle thread	1/2" - 20UNC
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	170 l/min
Weight	**1,3 kg**

kg 1,3 — 1 019310013

1932B10
reversible drill



Free speed	**1,800 rpm**
Chuck capacity	1÷10 mm
Power	**0,44 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min
Weight	**1,2 kg**

kg 1,2 — 1 019320040

1932B13
reversible drill



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
Weight	**1,6 kg**

kg 1,6 — 1 019320004

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**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	150 l/min
Weight	**1,1 kg**

kg 1,1 — 1 019310030

1932RS13
reversible drill



Free speed	**750 rpm**
Chuck capacity	1,5÷13 mm
Power	**0,55 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min
Weight	**1,4 kg**

kg 1,4 — 1 019320043

1933IH
high-power die grinder

- **Collect chuck, Ø 3 mm and 6 mm**



Free speed	**20,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.75 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**370 l/min**
Weight	800 g

g 800 — 1 019330006

1933ILH
high-power long spindle die grinder

• **Collect chuck, Ø 3 mm and 6 mm**



Free speed	**20,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.75 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**370 l/min**
Weight	1.2 kg

kg 1,2 — 1 — 019330011

1933I
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
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**260 l/min**
Weight	670 g

g 670 — 1 — 019330005

1933AN90
angle grinder

• **Collect chuck, Ø 3 mm and 6 mm**



Free speed	**20,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,20 kW**
Air inlet	1/4" GAS
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**230 l/min**
Weight	510 g

g 510 — 1 — 019330020

1933AN90-H
high-power angle grinder

• **Collect chuck, Ø 3 mm and 6 mm**



Free speed	**15,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.75 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**370 l/min**
Weight	1.1 kg

kg 1,1 — 1 — 019330021

1933L
long spindle die grinder

• **Collect chuck, Ø 3 mm and 6 mm**



Free speed	**25,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,20 kW**
Air inlet	1/4" GAS
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**270 l/min**
Weight	670 g

g 670 — 1 — 019330015

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**
Weight	0.84 kg

g 840 — 1 — 019340000

1933
die grinder

• **Collect chuck, Ø 3 mm and 6 mm**



Free speed	**25,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0,20 kW**
Air inlet	1/4" GAS
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**230 l/min**
Weight	380 g

g 380 — 1 — 019330001

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
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**113 l/min**
Weight	1,4 kg

kg 1,4 — 1 — 019330010



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**
Weight	0.2 kg

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**
Weight	0.21 kg

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**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	150 l/min
Weight	**1,3 kg**

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
Weight	**1.77 kg**

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**
Working pressure	6,2 bar
Ø internal hose size	**10 mm**
Mean air consumption	390 l/min
Weight	**1,9 kg**

kg		
1,9	1	019360025

1936/7A
angle grinder



Free speed	**7600 giri/min**
Grinding disc size	180 mm
Power	**1,3 kW**
Spindle thread	M14
Air inlet	**3/8" GAS**
Working pressure	6,2 bar
Ø internal hose size	**13 mm**
Mean air consumption	906 l/min
Weight	**2,7 kg**

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**
Weight	0,86 kg

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	**15000**
Power	0.25
Pad size	**50 - 75**
Spindle thread	M6 x 1.0
Air inlet	**1/4" GAS BSPT**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10**
Mean air consumption	79
Polisher weight	**0.64**
Kit weight	1.4

kg		
1,4	1	019370171

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
Polisher weight	**0.75 kg**
Kit weight	1.8 kg

kg		
1,8	1	019370161

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	1937KL		
1937KC-RP	50	●		1	019370173
1937KL-RP	75	●	●	1	019370163

1937M
multi-use sander with 16 accessories



Free speed	**3,500 rpm**
Power	0,34 kW
Air inlet	**1/4" GAS**
Working pressure	6,2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	113 l/min
Sander weight	**1,5 kg**
Kit weight	4,5 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 mm**
Air inlet	1/4" GAS
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**374 l/min**
Weight	0,9 kg

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 mm**
Air inlet	1/4" GAS
Working pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Mean air consumption	**400 l/min**
Weight	1,6 kg

kg		
1,6	1	019370051

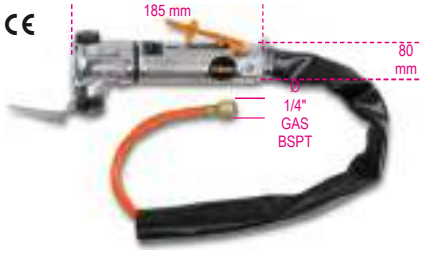
1937N20-GR
sand belts for item 1937N20



	P		
1937N20-GR60	60	1	019370156
1937N20-GR80	80	1	019370158
1937N20-GR100	100	1	019370160
1937N20-GR120	120	1	019370162

1938
windscreen remover

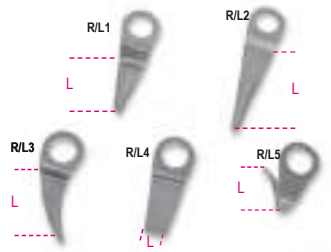
- **Supplied with 1 57 mm straight blade**



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 minutes	**3,500**
Chisel inlet	⬡ 11 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	240 l/min
Weight	**1.9 kg**

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**
Chisel inlet	⬡ 11 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**8 mm**
Mean air consumption	240 l/min
Weight	**3.3 kg**

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
Chisel inlet	**1/4" GAS**
Working pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	76 l/min
Weight	**1.7 kg**

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



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



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.		
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**



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



1945C

stapler, nailer, combo tool

- **Uses staples type 90, section 1.25 x 1.0 mm (18-Gauge), length: 16 - 40 mm; width: 5.8 mm**
- **Uses round-headed nails type B12, section 1.25 x 1.0 mm (18-Gauge), 1.9-mm head**



Magazine capacity	**100 pcs**
Air inlet	1/4" GAS
Working pressure	**5 - 8 bar**
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	**1.12 l/cycle**
Weight	1.16 kg

kg		
1,16	1	019450200

1945C/G...

staples type 90, section 1.25x1.0 mm (18-Gauge), width 5.8 mm, for item 1945C



	L mm		
1945C/G 16	16	1	019450216
1945C/G 19	19	1	019450219
1945C/G 22	22	1	019450222
1945C/G 25	25	1	019450225
1945C/G 28	28	1	019450228
1945C/G 32	32	1	019450232
1945C/G 35	35	1	019450235
1945C/G 38	38	1	019450238
1945C/G 40	40	1	019450240

1945C/GP...

nails type B12, section 1.25x1.0 mm (18-Gauge), 1.9 mm-head, for item 1945C



	L mm		
1945C/GP 15	15	1	019450255
1945C/GP 16	16	1	019450256
1945C/GP 20	20	1	019450260
1945C/GP 25	25	1	019450265
1945C/GP 30	30	1	019450270
1945C/GP 32	32	1	019450272
1945C/GP 35	35	1	019450275
1945C/GP 38	38	1	019450278
1945C/GP 40	40	1	019450280
1945C/GP 45	45	1	019450285
1945C/GP 50	50	1	019450290



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
air riveter for threaded inserts

• **Supplied assembled for threaded rivets made of steel, stainless steel, aluminium and copper, M4, M5, M6, M8**



Traction power	**14,235 N**
Stroke length	7 mm
Maximum rivet capacity	**Stainless steel Ø, M8**
Air inlet	1/4" GAS
Operating pressure	**6,2 bar**
Internal hose size (Ø)	10 mm
Air consumption	**2.1 l/cycle**
Air riveter weight	2.1 kg
Kit weight	**3.4 kg**

kg		
3,4	1	019460012

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**

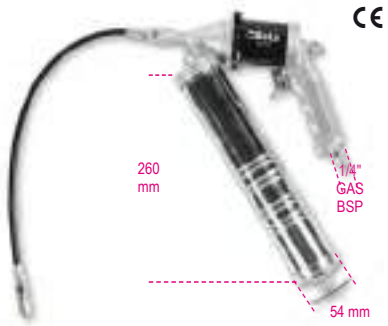


Tube size	**210x50 mm**
Cartridge capacity	300/310 ml
Air inlet	**1/4" GAS**
Working pressure	4 ÷ 8 bar
Internal hose size (Ø)	**2.5 mm**
Mean air consumption	120 l/min
Weight	**750 g**

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



Thread	**1/4" GAS**
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**



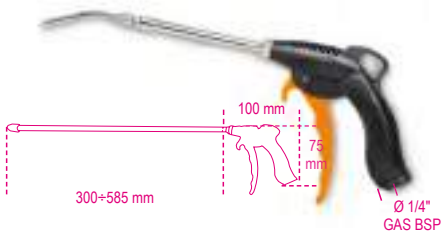
Brass threaded insert	**1/4" GAS**
Working pressure	6÷8 bar
Maximum operating pressure	**15 bar**
Mean air consumption	280 l/min
Operating temperature	**-10 °C ÷ 85 °C**
Weight	70 g

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

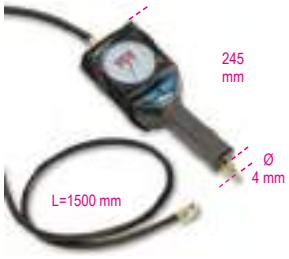
- shockproof rubber coated body
- metal operating lever
- operating pressure: 0.5÷12 bar, 7÷174 psi
- 4 units of measurement, bar/psi/kpa/kgf
- backlit LCD display
- resolution: 0.05 bar
- self-power off after 1.5 minutes
- hose length: 58 cm
- 360° hose rotation
- power supply: 2 AAA batteries
- 1/4" air inlet



	bar	psi		
1949DGT/2	0,5÷12	7÷174	1	019490021

1949GPN
tyre inflator,
ABS housing

- CE certified pressure gauge with scale 0.7÷12 bars (graduation: 1/10 bars)
- Two servo-controlled buttons allow accurate, quick tyre inflating (+) and deflating (-)
- Supplied with a calibration certificate
- Fitted with a shockproof, protective shell and an eyelet
- Fitted with a 1/4" GAS threaded coupler
- Swivel air inlet for rubber hose, Ø 7 mm



	bar	g		
1949GPN	0,7÷12	810	1	019490011

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	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



1950BZK	1	019500078





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

1914
polyurethane recoiled hoses, 98 Shore, extandable

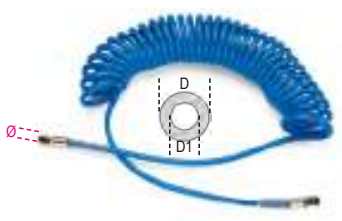
- Maximum operating pressure: 12 bar



L m	D1xD 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

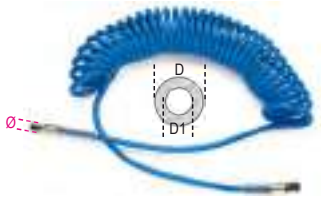
- Maximum operating pressure: 10 bar



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

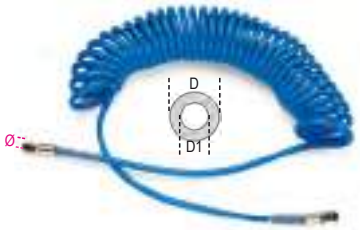
- Maximum operating pressure: 10 bar



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
11x16	3/8"	1	019150116

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

1916P

quick couplings, Italian profile, with sleeve for rubber hose



D1xD mm		
6x14	5	019160256
8x17	5	019160258
10x19	5	019160260

1916S

quick couplings, Italian profile, with coil springs



D1xD mm		
6x8	5	019160306
8x10	5	019160308
10x12	5	019160310

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**



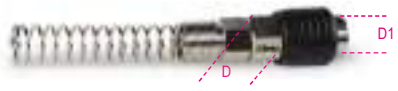
Ø GAS BSP		
1/4"	1	019170252

1917SP
universal ball quick couplers,
with sleeve for rubber hose



D1xD mm		
6x14	5	019170206
8x17	5	019170208
10x19	5	019170210

1917ST
universal ball quick couplers,
with coil springs



D1xD mm		
6x8	5	019170306
8x10	5	019170308
10x12	5	019170310

1918
hose tail fitting, male threaded



D1 mm	Ø GAS BSP		
6	1/8"	3	019180106
8	1/8"	3	019180108
6	1/4"	3	019180116
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
3/8"	3/8"	5	019180310
1/2"	1/2"	5	019180320



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

1919F1/4
filter-regulator-lubricator



Air in/outlet	**1/4" GAS BSPT**
Maximum air capacity	1000 l/min
Maximum pressure	**9,5 bar**
Operating pressure	0,5 - 8,5 bar
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**60 cc air / 90 cc oil**
Weight	1.3 kg

kg		
1,3	1	019190250



1919F3/8
filter-regulator-lubricator



Air in/outlet	**3/8" GAS BSPT**
Maximum air capacity	1350 l/min
Maximum pressure	**9,5 bar**
Operating pressure	0,5 - 8,5 bar
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**60 cc air / 90 cc oil**
Weight	1.3 kg

kg		
1,3	1	019190350

1919F1/2
filter-regulator-lubricator



Air in/outlet	**1/2" GAS BSPT**
Maximum air capacity	2500 l/min
Maximum pressure	**9,5 bar**
Operating pressure	0,5 - 8,5 bar
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**60 cc air / 90 cc oil**
Weight	1.3 kg

kg		
1,3	1	019190450

1919RB-F
set of spare cups for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RB-F	1	019190510

1919RF-F
spare filter for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RF-F	1	019190530

1919RM-F
spare pressure gauge for filters
item 1919F - 1/4", 3/8" and 1/2"



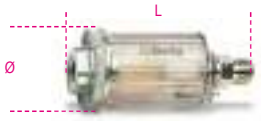
1919RM-F	1	019190520

1919ML
mini lubricators



Ø	L mm	Ø mm		
1/4"	63	36	1	019190030
3/8"	63	36	1	019190032

1919SC
mini water separator



Ø	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

		pieces	TOOL CASES & TROLLEYS									TOOL BAGS & BOXES												TOOL TROLLEYS		
			2009N/BV	2028/VV	2029/VV	2032/TV	2033L/VV	2036/TV	C99	C99V1	C99V3/2C	C4 C5 C5S C6T C9MT	C7	C8	C10	C9 C10S C11 C15L	C16 CP17 CP17L	C12	C14	CP15	C18	C19 C19L	C20	C20L	C41S	C41H	C42H
5914VU/M	Universal maintenance	109																	496								
5915VU/0	Universal maintenance	35										498															
5915VU/1	Universal maintenance	45												498	498	498	498			498	498						
5915VU/2	Universal maintenance	49											499							499			499	499			
5915VU/3	Universal maintenance	74											499		499	499	499					499	499	499			
5915VU/4	Universal maintenance	80																					500	500			
5915VU/5	Universal maintenance	111																500							500	500	500
5915VU/AS	Universal maintenance	68													501								501	501			
5940SBK	Bicycle and motorcycle repairs	125																							528	528	528
5941VU/M	Universal maintenance	64																								529	
5980EL/A	Electronic	57		514		514	514																				
5980EL/B	Electronic	98			515		515	515																			
5980ET/A	Electrotechnical	70		512		512												512									
5980ET/B	Electrotechnical	64			513		513	513										513									
5980ID/1	Plumbing	24	516									516															
5980MQ	Electrotechnical	46			513																						
5980U/BIKE	Bicycle and motorcycle repairs	90															506							506			
5990V1	Universal maintenance	44							505	505																	
5990V3	Car repairs	116							505		505																

TOOL BAGS AND RUCKSACKS MADE FROM TECHNICAL FABRIC

- **FUNCTIONALITY**
- **STURDINESS**
- **DURABILITY**

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/B26

fabric wallet with assortment of 26 tools



2001/B26 1 020010215

55	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
96N/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
1128BMX	145 mm
1150	180 mm
1201E	3x75 - 4x100 - 5,5x150 mm
1202E	PH1x80 - PH2x100 mm
1370	300 g
1692	2 m
1770A	9 mm

2001/BV 1 020010051

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 - 675 g



2001/BZ24 MQ

folding tool case with assortment of 24 tools, for electricians



2001/BZ24 MQ	1	020010154

		n.
1128BMX		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

2001/BZ27 VU

folding tool case with assortment of 27 tools, for universal use



2001/BZ27 VU	1	020010157

		n.
1128BMX		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

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
- Dimensions when open: 175 x 240 mm



2002/BV6	1	020020000

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
- Dimensions when open: 220 x 290 mm



2002/BVL6	1	020020010

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
- Dimensions when open: 355 x 220 mm



2002/BV7-ZIP	1	020020060

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
- Dimensions when open: 395 x 360 mm



2002/BV8	1	020020020

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
- Dimensions when open: 325 x 290 mm



2002/BV9	1	020020030

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
- Dimensions when open: 650 x 355 mm



2002/BV12	1	020020040

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
- Dimensions when open: 330 x 190 mm



2002/BV13	1	020020050

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
- Dimensions when open: 595 x 535 mm



2002/BV42	1	020020070

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)

Dimensions: 155x285x80 mm



2005MPU	1	020050060

2005MPU/E

tool pouch with assortment of 5 tools



2005MPU/E	1	020050065

1128BMX
1150BM 180 mm
1201E 3,5x100 - 4x100 mm
1202E PH1x80 mm

155x285x80 mm

2005PA/D

tool pouch,
empty, made from nylon, with belt



2005PA/D	1	020050000

2005PA/E

tool pouch, empty, made from nylon, with belt

- Two large pockets with elastic tool bands
- Two front scissors pockets
- Two convenient side compartments with:
  - left pocket with sturdy metal hook for measuring tapes
  - double right pocket with bag with drawstring and zip closure
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)

Dimensions: 260x250x190 mm



2005PA/E	1	020050030



2005PA/ET

tool pouch with assortment of 8 tools for electrotechnical maintenance



2005PA/ET	1	020050035

1082MQ 160 160 mm
1128BMX
1253
1272MQF PH1x80 - PH2x100
1274MQF 3,5x100 - 4,5x100
1639ESB BMESB1925NE

260x250x190 mm

2005PA/S

tool pouch,
empty, made from nylon, with belt



2005PA/S	1	020050020

2009N/BV

leather bag for maintenance



2009N/BV	1	020090200

530x220x190 mm

2005PA/U

tool pouch with assortment of 17 tools for universal use



2005PA/U	1	020050040

96/SC9
111E 200 mm
1048N 250 mm
1128BMX
1201E 4x100 - 5,5x125 mm
1202E PH1x80 - PH2x100 mm
1692/3 3 m

260x250x190 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

2028E

tool case with assortments of tools for electronic and electrotechnical maintenance



2028EL/A (2028/VV+5980EL/A)	1	020281014
2028ET/A (2028/VV+5980ET/A)	1	020281018

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

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
1777MQ/U 190 mm
1996MQ/GM GM 10
7109A A1 - A2
7109D D2 - D3

2032/TV

tool trolley, made from plastic

2 tool panels
Tool pocket
Interior bottom with removable partitions



2032/TV	1	020320110

450x200x400 mm

2032/TE

tool trolley with assortments of tools for electronic and electrotechnical maintenance



2032TET/A (2032/TV+5980ET/A)	1	020321328

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

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

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

2037/TV

tool trolley, made of thick polypropylene, with 4 pivoting castors

Highly shock resistant. Suitable for tool transportation in aircraft.
2 removable tool panels.
Built-in document pocket.
4 removable pivoting castors for horizontal trolley handling.
2 tote-trays included
2 TSA approved locks with keys
Rubber-coated handle



2037/TV	1	020370000

482x295x478 mm

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



2041UC
Utility Case with assortment of 33 tools



2041UC 1 020410215

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 145 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 020510225

42 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
55AS 3/8x7/16 - 1/2x9/16 - 5/8x11/16"
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 145 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 145 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/V6
organizer tool case with 6 removable tote-trays and adjustable partitions



2080/V6 mm 385x320x60 1 020800060

2080/V6-U
removable tote-tray for organizer tool case 2080/V6



2080/V6-U 1 020800066

90x60x50 mm

2080/D10
set of 10 adjustable partitions for organizer tool case 2080/V6



2080/D10 1 020800070

2080/V12
organizer tool case with 12 removable tote-trays



2080/V12 mm 300x145x330 1 020800000

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 - 890 g

C4 - 2104
tool basket made of technical fabric

Removable internal tool panel
Internal and external pockets and elastic tool holder
Sturdy waterproof base with rubber feet
Supplied with shoulder strap





C4	1	021040000
2104VU/0 (C4+5915VU/0)	1	021041122

330x260x360 mm - 2,5 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

C5 - 2105
tool rucksack, made of technical fabric



C5	1	021050000
2105VU/0 (C5+5915VU/0)	1	021051122

400x200x500 mm - 2,5 Kg

C6T - 2106
tool rucksack, made of technical fabric, with castors



C6T	1	021060010
2106T/VU0 (C6T+5915VU/0)	1	021061123

360x200x480 mm - 4,5 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
2107VU/3 (C7+5915VU/3)	1	021071114

480x165x380 mm - 3,5 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)
- 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

470x200x340 mm

C8 - 2108

technical fabric tool trolley



C8	1	021080000
2108VU/1 (C8+5915VU/1)	1	021081022

470x280x380 mm - 4 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 - 4,7 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/1 (C9+5915VU/1)	1	021091022
2109VU/3 (C9+5915VU/3)	1	021091024

550x280x320 mm - 2,6 kg

C9/RT

shoulder strap for items C4,C7,C9,C10,C10S,C11 and C12



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



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

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	
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	321

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/1 (C10+5915VU/1)	1	021101031
2110VU/3 (C10+5915VU/3)	1	021101034
2110VU/AS (C10+5915VU/AS)	1	021101036

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/1 (C10S+5915VU/1)	1	021101041
2110SVU/3 (C10S+5915VU/3)	1	021101044

420x220x250 mm - 2,3 kg

C11 - 2111

technical fabric tool box



C11	1	021110000
2111VU/1 (C11+5915VU/1)	1	021111031
2111VU/3 (C11+5915VU/3)	1	021111034

410x230x250 mm - 2 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 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	021140000
2114VU/M (C14+5914VU/M)	1	021141011

585x390x457 mm - 10 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/1 (CP15+5915VU/1)	1	021151232
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/1 (CP15L+5915VU/1)	1	021151242
2115PL-VU/3 (CP15L+5915VU/3)	1	021151245

558x277x270 mm - 2,5 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	
3935	
3969K3	
42	8-9-10-13-14 mm
42SLIM	15 mm
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"
860TX/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
1995MQ/G2	G2
CP15L	

C16 - 2116

tool box, made of plastic,
with interior object compartment, empty



C16	1	021160000
2116VU/1 (C16+5915VU/1)	1	021161102
2116VU/3 (C16+5915VU/3)	1	021161105

500x260x260 mm - 2,5 kg

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/1 (CP17+5915VU/1)	1	021171042
2117P-VU/3 (CP17+5915VU/3)	1	021171045
CP17L	1	021170502
2117L-VU/1 (CP17L+5915VU/1)	1	021171142
2117PL-VU/3 (CP17L+5915VU/3)	1	021171145

C18 - 2118

tool box
made from sheet metal



C18	1	021180001
2118VU/1 (C18+5915VU/1)	1	021181032

450x200x100 mm - 3 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
2120VU/AS (C20+5915VU/AS)	1	021201068
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
2120L-VU/AS (C20L+5915VU/AS)	1	021201168

C20TSS

five-section cantilever tool box, made of AISI 304 stainless steel





C20TSS	1	021203001

: 450x200x210 mm - 4kg

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: 13 kg
C22BM O: 20 kg
C22BL O: 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: 15 kg
C22WL O: 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: 39 kg
C22PL O: 67 kg





C99

Combo is Beta's modular system comprised of **3 different types of sturdy tool cases** for replacing your work equipment tidily and totally safely.
The tool cases can be easily joined to each other by a **simple click**, through the functional side snap-on mechanism.

The system, Beta Combo C99, is compatible with the L-BOXX standard by Sortimo®.

C99

BETA COMBO comprehensive modular system

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.
System comprising:
• Ultracompact folding trolley with telescopic handle C99P (485x520x1095 mm)
• ABS tool case C99V1 (445x358x152 mm)
• ABS tool case C99V2 (445x358x254 mm)
• ABS tool case with 2 portable tote trays C99V3/2C (445x358x322 mm)







C99	1	099000010

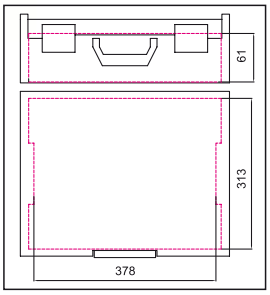
C99V0

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.
Main features:
• Transparent cover made from sturdy polycarbonate for quick identification of contents
• Outer dimensions: 445x358x118 mm
• Max. interior carrying capacity: 25 kg
• Can be padlocked
• Weight: 2.5 kg







C99V0	1	099000202

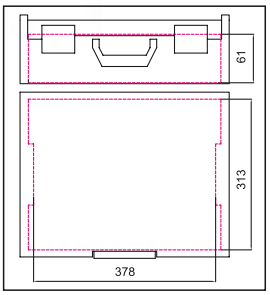
C99V0-P12

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.
Main features:
• Transparent cover made from sturdy polycarbonate for quick identification of contents
• Particularly suitable for carrying smallwares, including screws, nuts, washers, rivets and dowels
• Supplied complete with kit of 18 tote trays:
2 red trays, 52x52 mm
3 yellow trays, 104x52 mm
2 blue trays, 104x104 mm
1 green tray, 104x156 mm
2 orange trays, 208x52 mm
2 grey trays, 312x71 mm, and 6 adjustable partitions
• Outer dimensions: 445x358x118 mm
• Max. interior carrying capacity: 25 kg
• Can be padlocked
• Weight: 3.2 kg







C99V0-P12	1	099000200	

C99P12-V0

kit of 18 tote trays for tool cases C99V0

Kit contents:
• 2 red trays, 52x52 mm
• 3 yellow trays, 104x52 mm
• 2 blue trays, 104x104 mm
• 1 green tray, 104x156 mm
• 2 orange trays, 208x52 mm
• 2 grey trays, 312x71 mm, and 6 adjustable partitions



C99P12-V0	1	099000499	

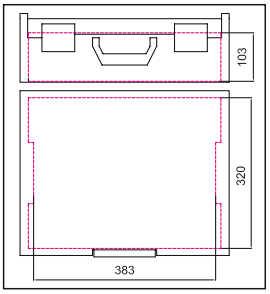
C99V1

COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.
Main features:
• Outer dimensions: 445x358x152 mm
• Max. interior carrying capacity: 25 kg
• Can be padlocked
• Weight: 2.2 kg







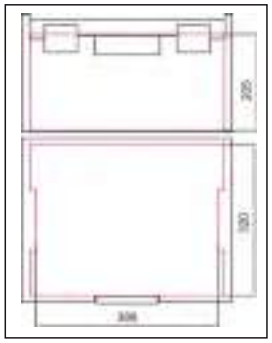
C99V1	1	099000250	

C99V2

COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.
Main features:
• Outer dimensions: 445x358x254 mm
• Max. interior carrying capacity: 25 kg
• Weight: 2.8 kg





C99V2	1	099000350

C99V3/2C

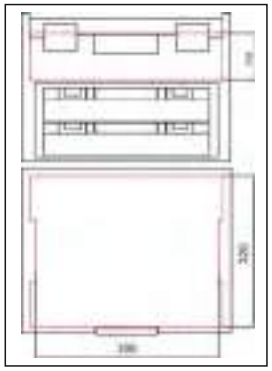
COMBO ABS tool case with 2 portable tote trays

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.
Main features:
• Outer dimensions: 445x358x322 mm
• Max. interior carrying capacity: 25 kg
• Supplied with 2 tote trays C99C-V3, empty
• Weight: 5.6 kg









C99V3/2C	1	099000450

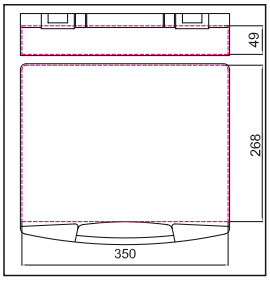
C99C-V3

COMBO portable tool box

Transparent cover for quick identification of contents
Built-in handle
Outer dimensions: 367x316x72 mm
Weight: 0.9 kg

Can be equipped with:
• 7 compartment thermoformed tote tray C99T-V3
• kit of 17 tote trays item C99P-V3





C99C-V3		1	099000496

C99P

COMBO 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

C99PC

cover lining for wall tool cases C99V1 and C99V3/2C

Required in combination with thermoformed trays, to prevent the contents from coming out of the compartments or getting mixed up during transportation.





C99PC	400x320x20 mm	1	099000491	

C99PP

tool panel for COMBO cases

• with 6 pockets and 11 elastic tool bands
• supplied complete with hooks for fixing panel into case cover



C99PP	1	099000489	

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.

19 kg



RSC22-O



RSC22-A

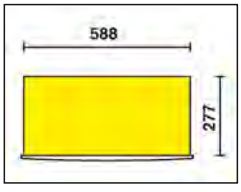


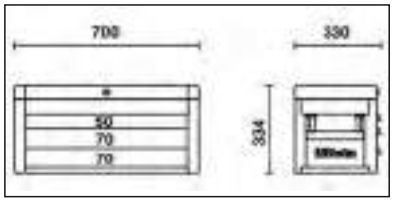
RSC22-R





h	max
50 mm	25 kg
70 mm	25 kg





RSC22-O	RAL 2011	1	022003001
RSC22-R	RAL 3000	1	022003003
RSC22-A	RAL 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


RSC23-A


RSC23-R

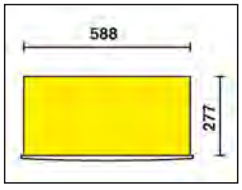


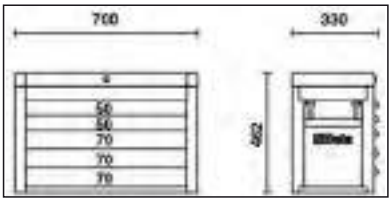
RSC23-O





h	max
50 mm	25 kg
70 mm	25 kg





RSC23-O	RAL 2011	1	023003001
RSC23-R	RAL 3000	1	023003003
RSC23-A	RAL 7016	1	023003007

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.

28 kg


RSC23C-A


RSC23C-R

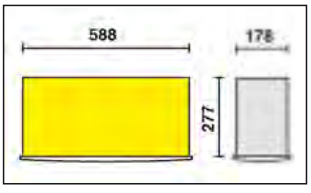


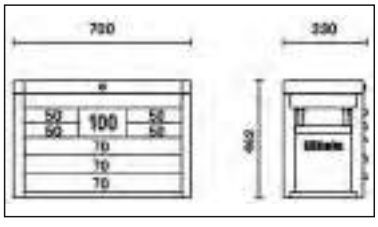
RCS23C-O





h	max
50 mm	25 kg
70 mm	25 kg





RSC23C-O	RAL 2011	1	023003011
RSC23C-R	RAL 3000	1	023003013
RSC23C-A	RAL 7016	1	023003017

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)

36 kg


RSC23T-A


RSC23T-B


RSC23T-G

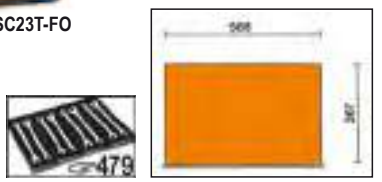

RSC23T-N

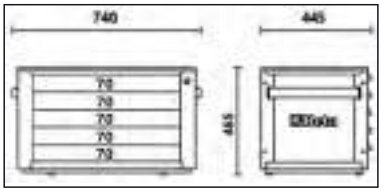

RSC23T-R


RSC23T-O


RSC23T-FO

h	max
70 mm	25 kg





RSC23T-FO	RAL 2011	1	023003020
RSC23T-O	RAL 2011	1	023003021
RSC23T-G	RAL 9006	1	023003022
RSC23T-R	RAL 3000	1	023003023
RSC23T-B	RAL 5015	1	023003026
RSC23T-A	RAL 7016	1	023003027
RSC23T-N	RAL 9005	1	023003029

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



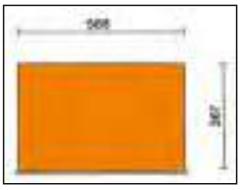
Beta RSC24

800 kg





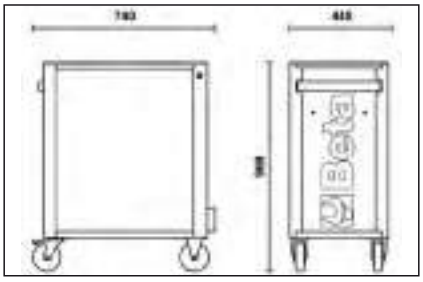






Available colours:

RSC24-		
FO	RAL 2011	RAL 2011
O	RAL 7016	RAL 2011
G	RAL 7016	RAL 9006
R	RAL 7016	RAL 3000
B	RAL 7016	RAL 5015
A	RAL 7016	RAL 7016
N	RAL 9005	RAL 9005



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/PF



2400 RSC24/SPC





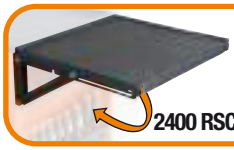
2400 RSC24/PL



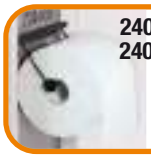
2400 RSC24/PF-A
2400 RSC24/PF-N



2400 RSC24/PD-A
2400 RSC24/PD-N



2400 RSC24/MP



2400 RSC24/PC-A
2400 RSC24/PC-N

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

RSC24/7-FO	1	024004070
RSC24/7-O	1	024004071
RSC24/7-G	1	024004072
RSC24/7-R	1	024004073
RSC24/7-B	1	024004076
RSC24/7-A	1	024004077
RSC24/7-N	1	024004079

800 kg



RSC24/7-O

Beta RSC24



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

RSC24/5-FO	1	024004050
RSC24/5-O	1	024004051
RSC24/5-G	1	024004052
RSC24/5-R	1	024004053
RSC24/5-B	1	024004056
RSC24/5-A	1	024004057
RSC24/5-N	1	024004059





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

RSC24/6-FO	1	024004060
RSC24/6-O	1	024004061
RSC24/6-G	1	024004062
RSC24/6-R	1	024004063
RSC24/6-B	1	024004066
RSC24/6-A	1	024004067
RSC24/6-N	1	024004069





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

RSC24/8-FO	1	024004080
RSC24/8-O	1	024004081
RSC24/8-G	1	024004082
RSC24/8-R	1	024004083
RSC24/8-B	1	024004086
RSC24/8-A	1	024004087
RSC24/8-N	1	024004089





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

RSC24A/6-O	1	024004161
RSC24A/6-R	1	024004163
RSC24A/6-A	1	024004167



RSC24A/6-O



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

RSC24A/7-O	1	024004171
RSC24A/7-R	1	024004173
RSC24A/7-A	1	024004177



RSC24A/7-O



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

RSC24A/8-O	1	024004181
RSC24A/8-R	1	024004183
RSC24A/8-A	1	024004187



RSC24A/8-O



RSC24A/8-A



RSC24A/8-R







h	max
70 mm	25 kg
140 mm	30 kg

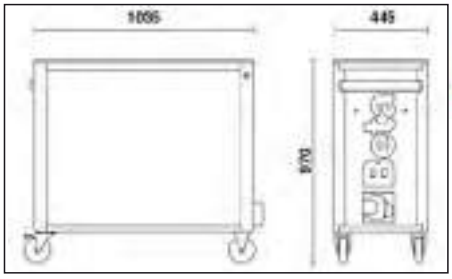
MOBILE ROLLER CAB RSC24AXL



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





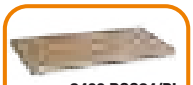


Available colours:

0	RAL 7016	RAL 2011
R	RAL 7016	RAL 3000
A	RAL 7016	RAL 7016

Available accessories:


2400 RSC24/PD-A


2400 RSC24/PL


2400 RSC24/PC-A

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

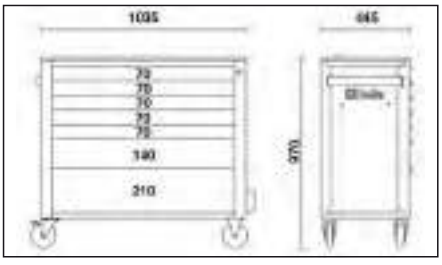


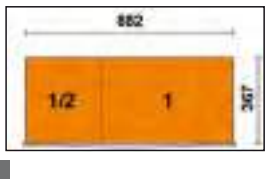


84 kg









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

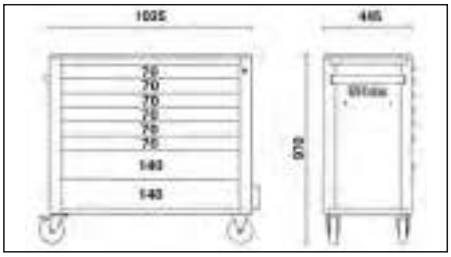












RSC24AXL/8-O	1	024004281
RSC24AXL/8-R	1	024004283
RSC24AXL/8-A	1	024004287

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

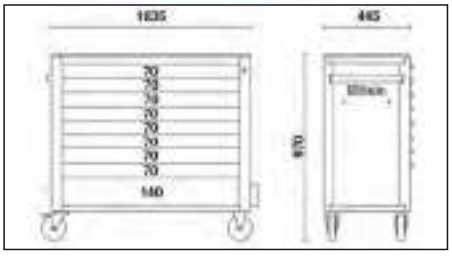












RSC24AXL/9-O	1	024004291
RSC24AXL/9-R	1	024004293
RSC24AXL/9-A	1	024004297

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

105 kg







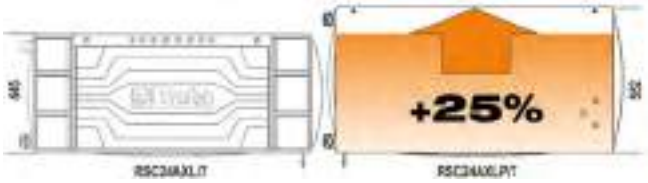
RSC24AXLP/7-O


RSC24AXLP/7-A

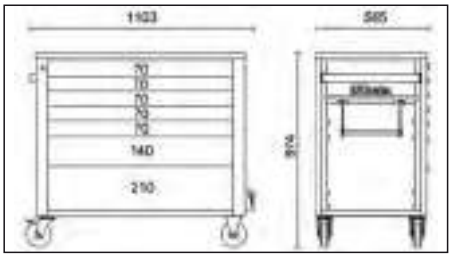

RSC24AXLP/7-R

	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/CPR

waste bin for roller cab RSC24AXLP/7

5 kg





2400 RSC24AXLP/CPR	1	024004993

2400 RSC24AXLP/PF

perforated tool panel with supports, for roller cab RSC24AXLP/7

4,5 kg









2400 RSC24AXLP/PF	1	024004992

2400 RSC24AXLP/VL

side tool tray for roller cab RSC24AXLP/7

4 kg



2400 RSC24AXLP/VL	1	024004995

2400 RSC24/PC

paper roll holder for mobile roller cab RSC24, RSC24A, RSC24AXL, RSC51

0,3 kg





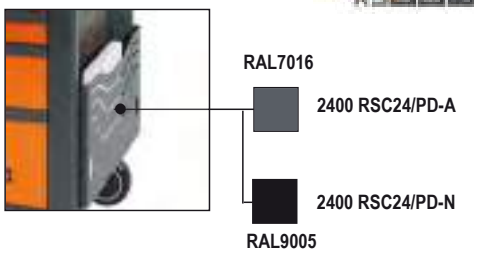
2400 RSC24/PC-A	1	024004903
2400 RSC24/PC-N	1	024004904

2400 RSC24/PD

document holder for mobile roller cab RSC24, RSC24A, RSC24AXL

1,2 kg



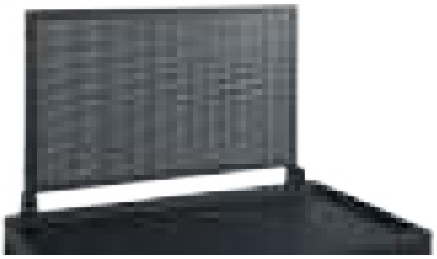


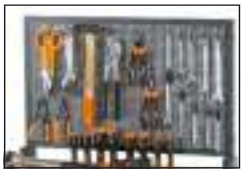
2400 RSC24/PD-A	1	024004907
2400 RSC24/PD-N	1	024004908

2400 RSC24/PF

perforated tool panel with supports, for roller cab RSC24, RSC24A, RSC51

2,3 kg









2400 RSC24/PF	1	024004902

2400 RSC24/PF-

bottle holder for mobile roller cab RSC24, RSC24A

0,5 kg





2400 RSC24/PF-A	1	024004905
2400 RSC24/PF-N	1	024004906

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, RSC24AXLP/7, RSC51

- 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, RSC24AXLP/7, RSC51

- 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



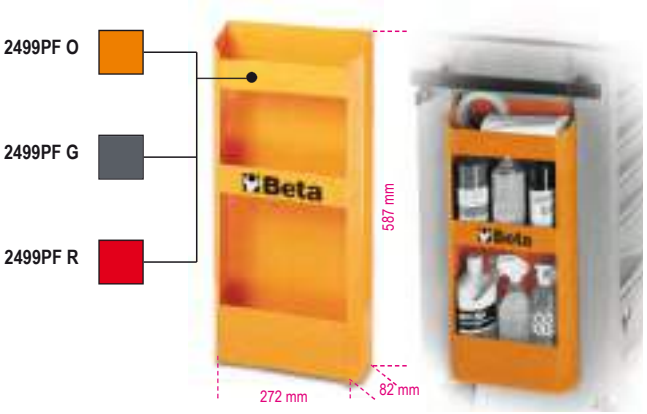
2400 RSC24/MP	1	024004900

2499PF

bottle holder

- **Can match roller cabs C38, C38A**

2,5 kg



2499PF-O	1	024990210
2499PF-G	1	024990219
2499PF-R	1	024990230

2499PF/M

universal magnetic bottle holder

2,2 kg



2499PF/M	1	024990050

2499PC

paper roll holder

- **Matches Tank trolleys C25 and cabs C38.**

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

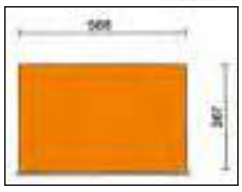
80 kg

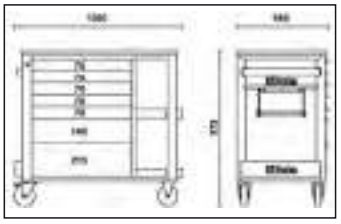




h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg







RSC24L/7-O	RAL 2011	1	024004371
RSC24L/7-R	RAL 3000	1	024004373
RSC24L/7-A	RAL 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

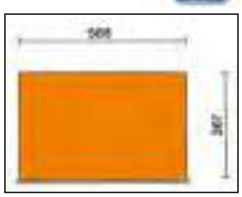
82 kg

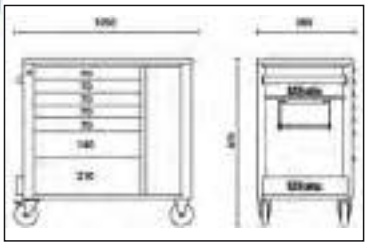




h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg







RSC24L-CAB/O	RAL 2011	1	024004471
RSC24L-CAB/R	RAL 3000	1	024004473
RSC24L-CAB/A	RAL 7016	1	024004477

C04TSS-7

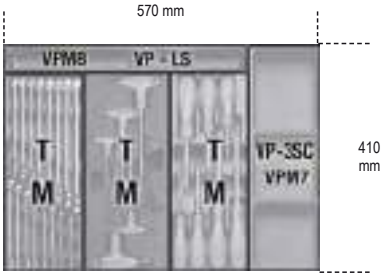
mobile roller cab with seven drawers, made entirely of stainless steel, Non-marking wheels

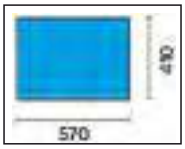
Main features:
• Seven drawers (570 x 410 mm) with ball bearing slides;
6 drawers, 83 mm high;
1 drawer, 170 mm high;
• 4 castors Ø 125 mm
2 fixed and 2 steering (two with brakes);
• Front centralized lock;
• Frame made entirely of stainless steel AISI 304
• Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
• Drawer handles made of aluminium

700 kg



63 kg





h	max
83 mm	25 kg
170 mm	30 kg

C04TSS/7	1	024003077	303

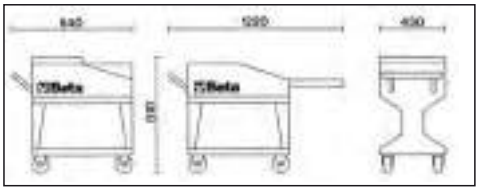
C25

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



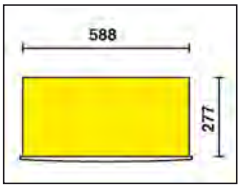


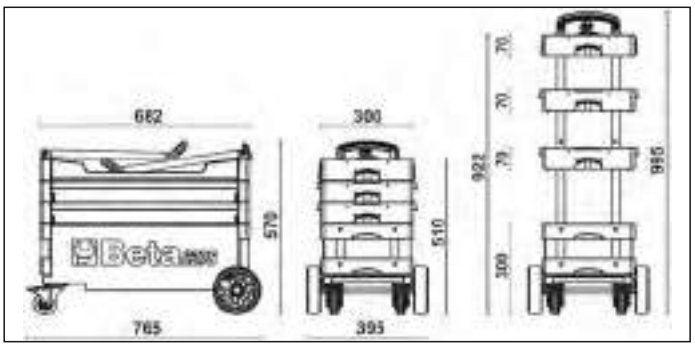
h	max
70 mm	20 kg











C27S-O	RAL 2011	1	027000201
C27S-G	RAL 7016	1	027000202
C27S-R	RAL 3000	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





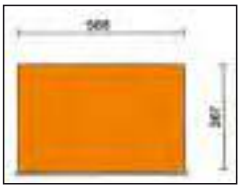
RSC28-A

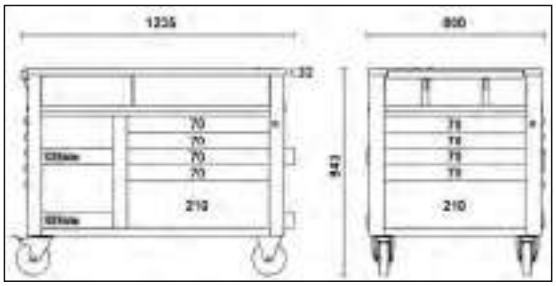


RSC28-R



h	max
70 mm	25 kg
210 mm	30 kg





RSC28-O	1	028003001
RSC28-R	1	028003003
RSC28-A	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 a multi-ply wood worktop (3000M/PLM), to be ordered separately
• Can accommodate vice 1599F/150 (to be ordered separately).



200 kg





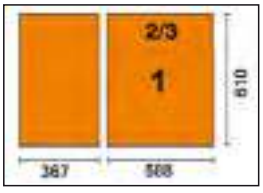


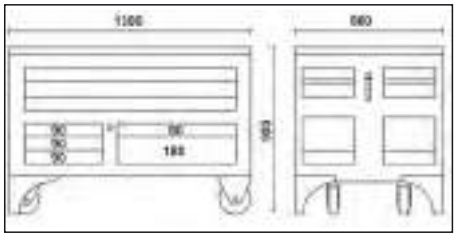




h	max
90 mm	30 kg
180 mm	35 kg







C30M	1	030000300	

3000M/PLM

wood worktop for C30M,
with holes for a vice (1599F/150)



10 kg

1240x740x26 mm

3000M/PLM	1	030000350	

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

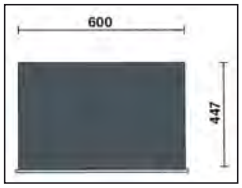
75 kg

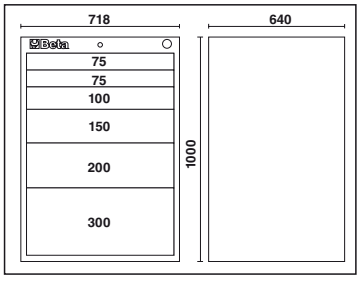


h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg
300 mm	70 kg









C35/6GM	1	035000162

C35/7GM

industrial tool chest with 7 drawers

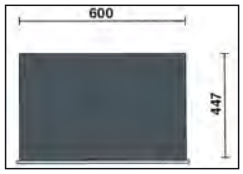
Main features:
• 7 pull-out drawers (600x447 mm):
2 drawers, 75 mm high
1 drawer, 100 mm high
3 drawers, 150 mm high
1 drawer, 200 mm high
• Front centralized safety lock.
• Can accommodate a worktop and drawer partitions, to be ordered separately

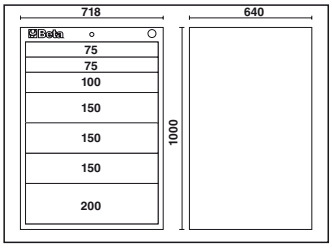
82 kg





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

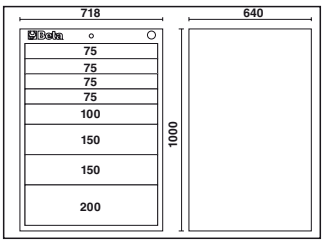
86 kg





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

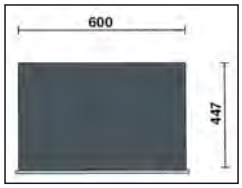
Main features:
• 9 pull-out drawers (600x447 mm):
6 drawers, 75 mm high
3 drawers, 150 mm high
• Front centralized safety lock.
• Can accommodate a worktop and drawer partitions, to be ordered separately

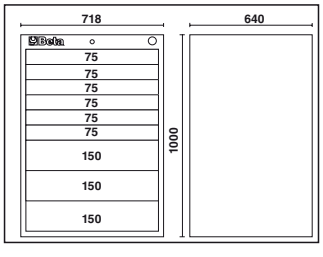
91 kg





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

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

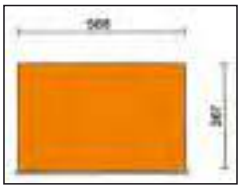






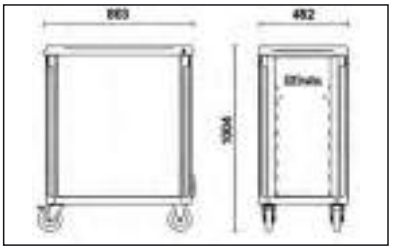


Available models:
- C37/6 (6 drawers)
- C37/7 (7 drawers)
- C37/8 (8 drawers)
- C37A/7 (7 drawers with anti-tilt system)



Available colours:

O	RAL 2011
G	RAL 7016
R	RAL 3000

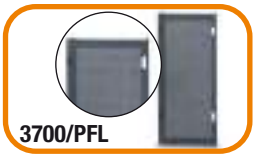


Available accessories:











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