

EN



General Programme



2019



www.beta-tools.com

THE HISTORY OF ITALIAN TOOLS



1939 Forging department



1950 Galvanising department



1955 Shearing department



1960 Shipping warehouse



1969 Tank trolley



1975 Chrome finishing



1974 Vittorio Brambilla



1980 Engineering department



1981 New assortments



2002 "BetaWork"



2016 Workshop equipment RSC55



2018 Fabio Quartararo

1923 - Alessandro Ciceri founded "Alessandro Ciceri & Figli", to manufacture iron and steel casts.

1939 - The trademark Beta was registered and the Company became involved mainly in manufacturing professional tools.

1960 - Beta Utensili employed two hundred people, exported their products and stood out as an up-and-coming manufacturer of professional tools.

1969 - The revolutionary orange sheet metal "Tank" trolley was developed; from that moment orange would result in a unique style for the trademark Beta.

1971 - Beta Utensili entered the motor racing world, with a view to testing and developing their products.

1975 - The Company scored their first Formula 1 victory with the orange March-Beta Utensili driven by Vittorio Brambilla, who won the Austrian Grand Prix in Zeltweg, in the pouring rain.

1980 - Beta Utensili further penetrated the main European markets, progressively establishing branches in France, Britain, Holland, Spain, Poland and Hungary.

1995 - It took the Company no more than 8 months to have their Quality System certified in accordance with the ISO 9001 standards.

2000 - The launch of the new Beta Utensili catalogue testified to ongoing growth. The range of available products was doubled, and the over 10,000 coded items were divided into 20 product families.

2002 - Beta Utensili's range was further expanded, being supplemented with safety footwear as well as with work and free-time wear, namely the "Beta Work" range.

2009 - Beta further expanded their markets, establishing Beta China.

2012 - Beta Brazil was founded.

2016 - Beta introduces a new modular workshop equipment combination system.

2018 - **BM** In 2018 BM S.p.A - leader in the production and sales of crimping terminals and electric connection systems - becomes part of the Beta Group.

2019 - Ongoing growth has translated into the current product range - distributed worldwide -, which exceeds 12,000 coded items, designed to satisfy the most demanding professionals' requirements.

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Robur Wire rope accessories: 67039 Sulmona (AQ)
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www.roburitaly.com - info@roburitaly.com

1939



1950



1960



1970



1980





Sovico (Monza Brianza)

3 PRODUCTION UNITS

- **More than 500** staff
- **100.000** square metres, of which **32.000** under cover
- **Over 10 million** pieces/year



Castiglione d'Adda (Lodi)



Sulmona (L'Aquila)



RESEARCH AND DEVELOPMENT



Ergonomics, finish and design serving reliability

For Beta, design does not just mean appearance but above all excellent performance. The study and design of a tool are aimed at achieving safety, strength and easy use. This is why tool design is based on functional needs: functionality leads to appearance, and design becomes the end result of a detailed study of materials and finishes.

With this aim in mind, Beta constantly renews the design of its products, reviewing their parts and materials.

*Innovation
and quality: guidelines
for the development of
all new Beta projects.*





CONTROL AND QUALITY



Beta quality, our most concrete proof

At Beta, quality has a simple, concrete meaning: “that which fully satisfies the needs and expectations of the professional users who rely on our products as an irreplaceable working instrument”. Tools are not only designed and manufactured correctly to fulfil a need, but they must guarantee repeat performances consistently over time.

At Beta, quality goes beyond a merely attentive industrial and sales policy, to permeate every company division, driving us all to achieve increasingly ambitious goals in terms of customer satisfaction. Beta has built its history on this very concept.

The quality of Beta tools is a synergy of age-old techniques and new technologies.



Since 1995 our production processes have complied with the ISO 9001 Quality System standards

RANGE AND ITEMS

Over 12,000 items

The dynamism of the Company has, over the years, helped it to effectively update its product range to promptly respond to the challenges of the global market.

Today the Beta Utensili range comprises over 12,000 items divided into 26 product families, making it one of the most qualified names in the tool market.

Beta produces tools for professional mechanics, from industrial maintenance to car repairs, and for all those whose hobbies are much more than a simple pastime.

26 families

*Each professional
need finds
an effective solution*

Applications



Automotive



Energy



Industry



Oil & Gas

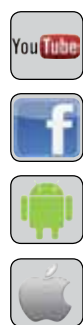


Aeronautics

www.beta-tools.com



An “easy” and complete website where you can find our updated catalogues, latest news, promotions and all our technical product information (manuals, spare parts and demo videos, which can also be found on YouTube)



A specific app of all the Beta catalogues for Ipad and Android.



Beta supplies different store display solutions to offer customers a “turnkey” service.



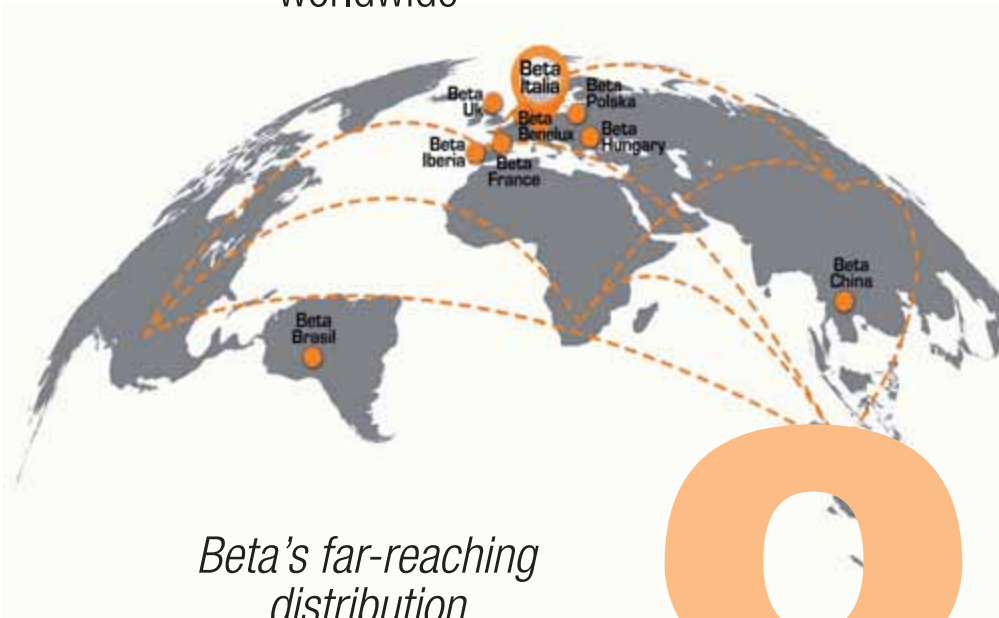
Autopromotec
2017



WORLDWIDE DISTRIBUTION



Active in over **100 countries** worldwide



Beta's far-reaching distribution network serves professional users across the world.

8 Subsidiaries

Beta Brasil



Beta Benelux



Beta China



Beta France



Beta Iberia



Beta Polska



Beta UK



Beta Hungary





LOGISTICS

**15,000 m²
surface area**

**Quick,
prompt and complete
deliveries**



12.000
coded items
and over **20.000**
loading units



WORKSHOP EQUIPMENT



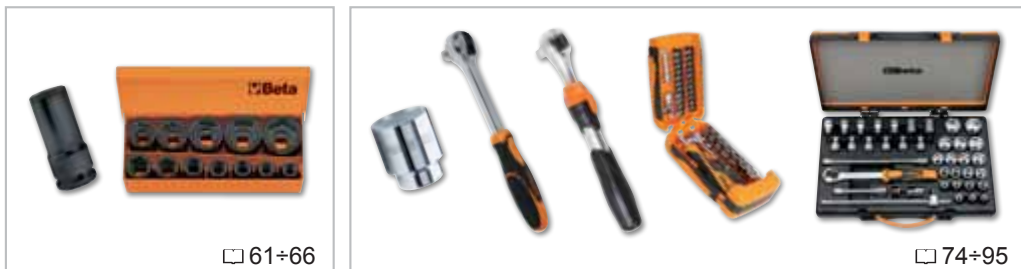
CONTAINERS AND ASSORTMENTS



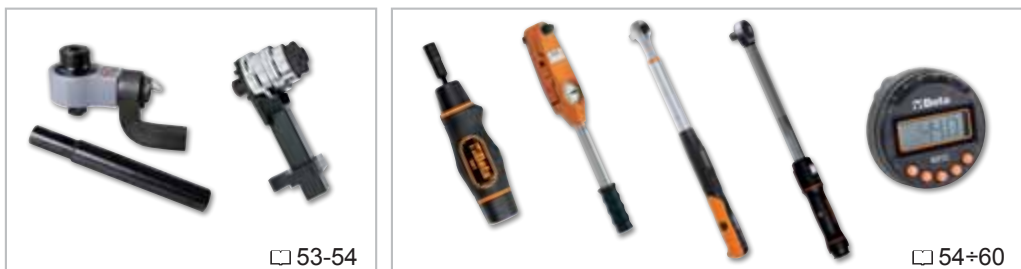
WRENCHES



SOCKETS AND ACCESSORIES



TORQUE WRENCHES AND MULTIPLIERS





SCREWDRIVERS, MALE-END WRENCHES AND BITS



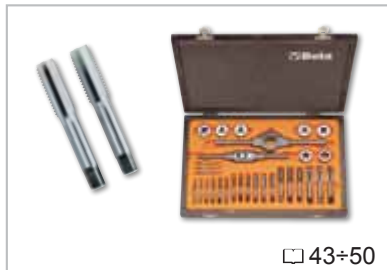
PLIERS AND NIPPERS



HAMMERS AND CHISELS



DRILLING AND THREADING TOOLS



PULLERS





MEASURING AND MARKING TOOLS



□ 178÷184



CUTTING AND GENERAL MAINTENANCE TOOLS



□ 103-104



□ 111÷115



□ 130



□ 193



□ 174



□ 185÷194



□ 200÷210



PLUMBING TOOLS



□ 32÷38



ELECTRONICS AND MICROMECHANICS



□ 106÷107



□ 118÷120



□ 122÷125



□ 202÷203



ELECTROTECHNICS



□ 115÷117



□ 123



□ 174÷177



□ 196÷198



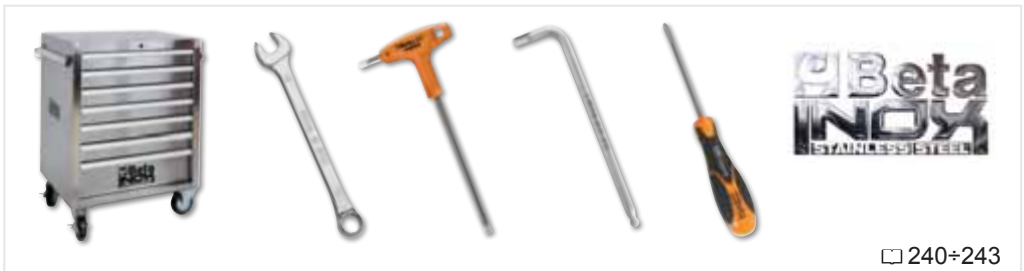
1000V INSULATED TOOLS



□ 240÷243



STAINLESS STEEL



□ 240÷243



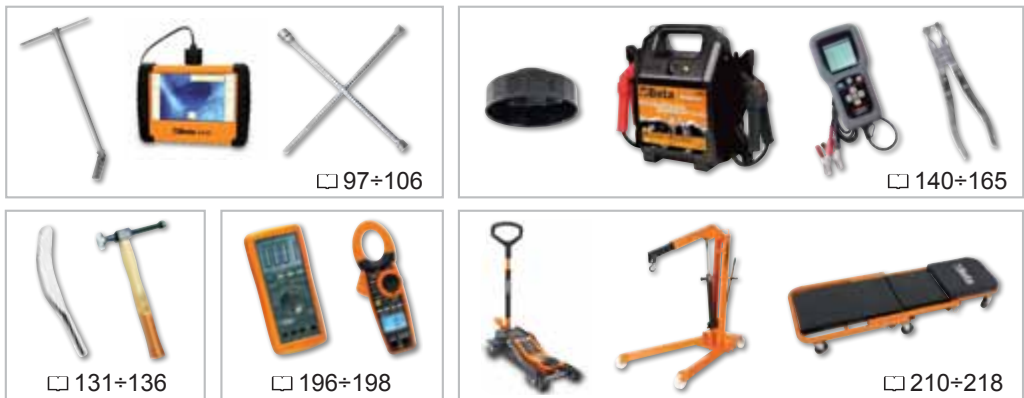
SPARKPROOF TOOLS



□ 244÷251



VEHICLE REPAIR



□ 97÷106

□ 140÷165

□ 131÷136

□ 196÷198

□ 210÷218



MOTORCYCLE TOOLS



□ 219÷223



BICYCLE TOOLS



☐ 224÷227



PNEUMATIC TOOLS AND ACCESSORIES



☐ 254÷271



BATTERY TOOLS



☐ 252-253



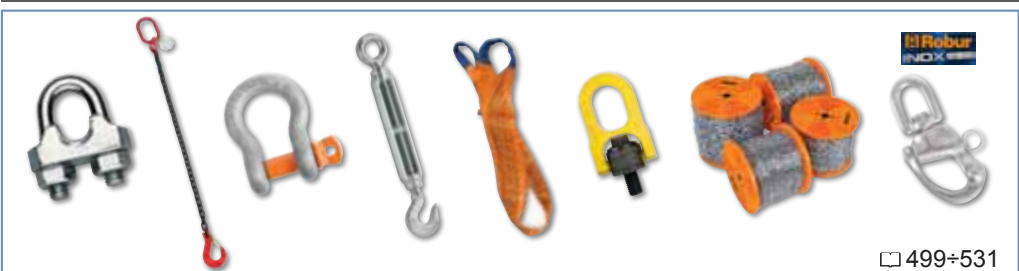
TETHERED TOOLS



☐ 233÷239



ROBUR WIRE ROPE ACCESSORIES



☐ 499÷531



SAFETY FOOTWEAR (AND TECHNICAL SOCKS)



☐ 460÷484



WORKWEAR



☐ 485÷498



DISPLAY UNITS FOR SALES POINTS



☐ 447÷459



BLISTER PACK RANGE



☐ 435÷446



BETA COLLECTION



☐ 532÷541

KEY READING

item number

42INOX

combination wrenches
made of stainless steel

tool profile



in blister pack



motorcycle tools



bicycle tools



★ item available on request

• main size

○ hexagon drive

size

n.° of tools per box

n.° of tools per set

type of packaging

set content

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

new item 2019



42/INOX/S11
6-8-10-11-12-13-
14-15-16-17-19 mm

1 000420391

code number

Most used symbols

Sets

Symbol	Description	Example
B	= in plastic wallet	42/B9
BV	= empty wallet	42/BV9
C	= in case	900/C11
D	= in hanging pack	1293/D6
S	= in box	42/S17
SP	= with display	42/SP5
SPV	= empty display	42/SPV7
SC	= with compact support	96/SC9
SCV	= compact support, empty	96/SCV

Assortments

Symbol	Description	Example
AS	= with tools in inches	5915VU/AS
E	= Electronics/Electrotechnics	5980ET/A
I	= Plumbing	5980ID
MT	= Earth-moving	5902MT
U	= Universal	5915VU3
SBK	= Motorcycle Repairs	5940SBK
VG	= Automotive	5904VG/5T
VI	= Industry	5902VI

Sockets

Symbol	Description	Example
A	= hexagon profile	910A
B	= bi-hex profile	910B
ES	= grooved profile	920ES
FTX	= for TORX® screws	910FTX

Most used symbols

Symbol	Description	Example
PT	= for 5-star head screws	910PT
X	= reversible ratchet in cases	920A/C12X

Screwdrivers and bits

Symbol	Description	Example
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

Symbol	Description	Example
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.



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/B6



31/SP6

31/B6	2-3-4-5-6-8 mm	1 000310020
42/BV6		1 000420051
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
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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/B6-LSE		1 000310320
31L: 4-5-6 mm		
31SE: 4-5-6 mm		
55/BV6		1 000550151

32

centre punches



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

32AU

automatic centre punches



Ø mm	L mm	L1 mm	
3	150	23	2 000320160

32AUR

spare tip for automatic centre punch



Ø mm	
3	5 000320170

34

flat chisels



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

35

flat chisels, ribbed type



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

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/B6	
30: 2-3 mm	
32: 4 mm	
34: 125-150 mm	
36: 150 mm	
42/BV6	1 000420051
38/SP6	1 000380009
30: 2-3 mm	
32: 4 mm	
34: 125-150 mm	
36: 150 mm	
38/SPV	1 000380019

42

combination wrenches,
open and offset ring ends



DIN 3113 UNI-ISO 7738

mm	L mm	
5,5x5,5	95	5 000420005
6x6	95	5 000420006
7x7	105	5 000420007
8x8	116	5 000420008
9x9	127	5 000420009
10x10	137	5 000420010
11x11	148	5 000420011
12x12	158	5 000420012
13x13	169	5 000420013
14x14	180	5 000420014
15x15	190	5 000420015
16x16	201	5 000420016
17x17	212	5 000420017
18x18	222	5 000420018
19x19	233	5 000420019
20x20	243	3 000420020
21x21	254	3 000420021
22x22	264	3 000420022
23x23	275	3 000420023
24x24	285	3 000420024
25x25	296	2 000420025
26x26	307	2 000420026
27x27	317	2 000420027
28x28	328	2 000420028
29x29	338	2 000420029
30x30	349	2 000420030
32x32	370	2 000420032
34x34	391	1 000420034
35x35	412	1 000420035
36x36	412	1 000420036
38x38	433	1 000420038
41x41	465	1 000420041



42/B9	1 000420064
6-7-8-10-11-13-14-17-19 mm	
42/BV9	1 000420056



42/S14	1 000420067
6-7-8-10-11-12-13-14- -15-16-17-19-22-24 mm	
42/S15	1 000420066
6-7-8-10-11-12-13-14- 17-19-22-24-27-30-32 mm	
42/S17	1 000420065
6-7-8-9-10-11-12-13-14-15- 16-17-18-19-20-21-22 mm	
42/S17X	1 000420068
6-7-8-10-11-12-13-14- 15-16-17-19-21-22- 24-27-30 mm	
42/S26	1 000420070
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	

42/SC9I-E

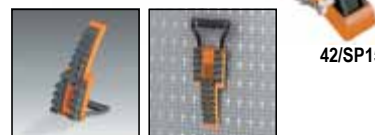
set of 9 combination wrenches, open and
offset ring ends, with compact support



42/SC9I	1 000420087
8-10-11-12-13-14-15-17-19 mm	
42/SCV9I	1 000420103
42/SC9E	1 000420088
8-10-11-12-13-16-17-18-19 mm	
42/SCV9E	1 000420104



42/SP25	1 000420085
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	
42/SPV2	1 000420090



42/SP15	1 000420078
6-7-8-9-10-11-12-13-14-15- 16-17-19-22-24 mm	
42/SPV7	1 000420097
42: 8-10-11-13-14-17-19 mm	
55: 6x7-8x9-10x11-12x13- 14x15-16x17-18x19 mm	
42/SPV11	1 000420100
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	
42/SPV15	1 000420102
42: 6-7-8-9-10-11-12-13-14- 15-16-17-19-22-24 mm	

42AS

combination wrenches,
open and offset ring ends



mm	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



mm	L mm		
42AS/B9		1	000420155
1/4-5/16-3/8-7/16-1/2			
9/16-5/8-11/16-3/4			



mm	L mm		
42AS/13		1	000420163
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			
42AS/16		1	000420166
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			
42AS/17		1	000420168
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			

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



mm	L mm		
42MP/B9		1	000420651
6-7-8-10-11-13-14-17-19 mm			
42/BV9		1	000420056



mm	L mm		
42MP/S17		1	000420652
6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm			
42MP/S21		1	000420653
6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm			

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

mm	L mm		
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	394	2	000420530
32x32	435	2	000420532



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

45

combination wrenches,
open and offset ring ends, heavy series



DIN 3113 UNI-ISO 7738

mm	L mm		
46x46	520	1	000450046
50x50	560	1	000450050
55x55	610	1	000450055
60x60	660	1	000450060
65x65	710	1	000450065
70x70	760	1	000450070
75x75	810	1	000450075
80x80	860	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

Beta
INOX
STAINLESS STEEL

240

mm	L mm		
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

mm	L mm		
• 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/B8	6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000550158
55/BV8		1	000550159
55/B12	6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm	1	000550162
55/BV12		1	000550163



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

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

mm	L mm		
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/B13	1	000730200
4-4,5-5-5,5-6-7-8-9		
10-11-12-13-14 mm		
73/BV	1	000730201



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



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
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



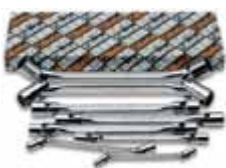
"	L mm		
*1.1/16	180	1	000780327
*1.1/8	190	1	000780329
*1.3/16	190	1	000780330
*1.1/4	197	1	000780332
*1.5/16	197	1	000780333
*1.3/8	223	1	000780335
*1.7/16	223	1	000780336
*1.1/2	223	1	000780338
*1.5/8	223	1	000780341
*1.11/16	225	1	000780343
*1.13/16	240	1	000780346
*1.7/8	250	1	000780348
*2	250	1	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	QTY	Part No.
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	1	000800051
6x7-8x9-10x11-12x13-14x15 16x17-18x19-20x22 mm		
80/S11	1	000800056
6x7-8x9-10x11-12x13 14x15-16x17-18x19-20x22 21x23-24x27-30x32 mm		

83

half-moon ring wrenches



ISO 3318

mm	L mm	QTY	Part No.
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	1	000830081
11x13-14x17-19x22 mm		
83/S5	1	000830085
10x12-11x13-15x17 16x18-19x22 mm		

83AS

half-moon ring wrenches



mm	L mm	QTY	Part No.
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	QTY	Part No.
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

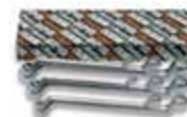


DIN 838 ISO 10104

mm	L mm	QTY	Part No.
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/B8	1	000900154
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm		
90/BV8	1	000900155



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

1 000900174

55/SPV 1 000550190

90AS

double ended deep offset ring wrenches



mm	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
1/4x5/16-5/16x11/32
3/8x7/16-1/2x9/16
5/8x11/16-11/16x3/4
13/16x7/8-15/16x1

1 000900298

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

1 000900300

91 heavy duty offset ring wrenches



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

92 tubes for item 91



	L mm	91 mm	Ø mm		
92/1	460	24÷30	19	1	000920010
92/2	610	32÷41	22	1	000920020
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	310	1	000930120
21x22	365	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	1 000950325
E6xE8-E10xE12	
E14xE18-E20xE24	

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	3 000960370
2,5-3-4-5-6-8 mm	



96/BGS7	1 000960367
1,5-2-2,5-3-4-5-6 mm	



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



96/B8	5 000960386
2-2,5-3-4-5-6-8-10 mm	
96/B10	5 000960380
1,5-2-2,5-3-4-5-6-8-10-12 mm	
96N/BV	1 000960651



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



96/SC12	1 000960395
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm	
96/SCV12	1 000960975

Beta

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	3 000960640
2,5-3-4-5-6-8 mm	



96N/G7	3 000960645
2,5-3-4-5-6-8-10 mm	
96N/G7A	3 000960643
1,5-2-2,5-3-4-5-6 mm	



96N/B10	5 000960650
1,5-2-2,5-3-4-5-6-8-10-12 mm	
96N/BV	1 000960651



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

1 000960644
1 000960986



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

1 000960661
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
5/8	165	72	1	000960736
3/4	194	88	1	000960738



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

1 000960743
1 000960744



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

3 000960740



96AS/G7
3/32-1/8-5/32
3/16-1/4-5/16-3/8

3 000960745



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
96N/BV

1 000960749
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
96LC/SCV

1 000960334
1 000960983



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

1 000960337
1 000960977

Beta

Beta

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
96L/SCV



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

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
96BPC/SCV

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
96BP/SCV

96LBP

ball head offset hexagon key wrenches,
extra-long model



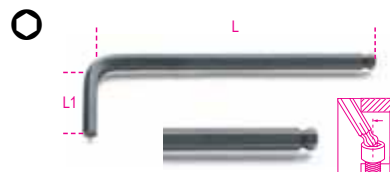
mm	L mm	L1 mm	
1,5	90	15	5 000961340
2	100	17	5 000961341
2,5	112	20	5 000961342
3	127	22	5 000961343
4	144	27	5 000961344
5	163	32	5 000961345
6	184	37	5 000961346
8	204	44	2 000961348
10	230	49	2 000961350



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

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
96BP-AS/SCV



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

 **Beta**

96BPA

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



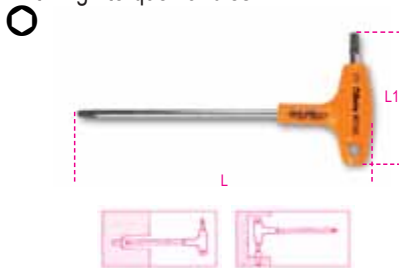
mm	L mm	L1 mm	🔧	📄
1,5	71	9	5	000961960
2	86	11	5	000961961
2,5	96	13	5	000961962
3	104	15	5	000961963
4	116	17	5	000961964
5	132	19	5	000961965
6	155	21	5	000961966
8	176	24	2	000961968
10	200	27	2	000961970



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



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



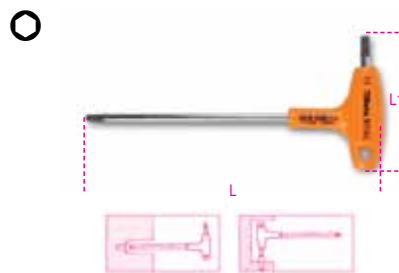
96T/S6 2-2,5-3-4-5-6 mm	1	000960952
96T/S8 2-2,5-3-4-5-6-8-10 mm	1	000960933
96T/S11 2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm	1	000960951



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 2,5-3-4-5-6-8 mm	1	000960694
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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 T9-T10-T15-T20-T25 T27-T30-T40	1	000970640
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97TX/G8
T9-T10-T15-T20-T25
T27-T30-T40

1 000970645



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

1 000970368



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

1 000970064

1 000970985



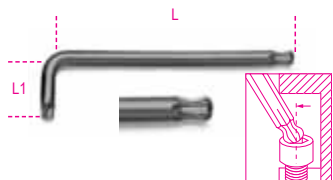
97TX/B13
T6-T7-T8-T9-T10-T15-T20
T25-T27-T30-T40-T45-T50
96N/BV

1 000970650

1 000960651

97BTX

ball head offset key wrenches,
for Torx® head screws



⊕	L mm	L1 mm	⊕	Ⓜ
T9	80	16	5	000970109
T10	86	17	5	000970110
T15	90	18	5	000970115
T20	95	19	5	000970120
T25	100	20	5	000970125
T27	105	21	5	000970127
T30	114	24	5	000970130
T40	124	26	5	000970140
T45	133	28	5	000970145
T50	152	32	3	000970150
T55	164	35	3	000970155



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

1 000970164

1 000970983



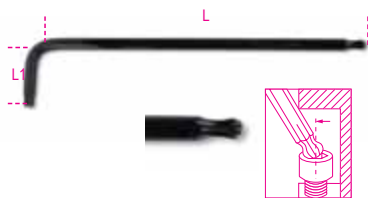
97BTX/B8
T9-T10-T15-T20-T25
T27-T30-T40
96N/BV

1 000970159

1 000960651

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

1 000970982

97RTX

offset key wrenches
for Tamper Resistant Torx® head screws



⊕	L mm	L1 mm	⊕	Ⓜ
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



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

1 000970263

1 000970984



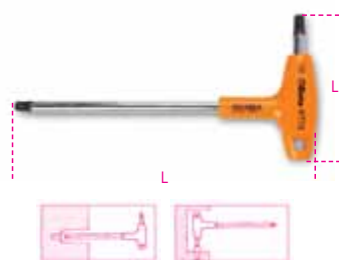
97RTX/B8
T9-T10-T15-T20-T25
T27-T30-T40
96N/BV

1 000970260

1 000960651

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

1 000970808

1 000970800

1 000970813

1 000970813

1 000970813

1 000970813

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
M14	118	45	5	000980014
M16	125	45	5	000980016



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

Ø 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



Ø 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



Ø 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

	Ø 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		
4,9-5,9	250	18-100	1	001000001
6,9-7,9				

100/KIT

spare pins for item 100



100/KIT	1	001000010
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111

adjustable wrenches with scales, chrome-plated

- Right-hand rotation of pin
- With mm and inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110010
150	6	24	3	001110015
200	8	28	3	001110020
250	10	34	3	001110025
300	12	35	3	001110030
380	15	45	3	001110038
450	18	54	2	001110045
600	24	62	1	001110060

111N

adjustable wrenches with scales, phosphatized

- Left-hand rotation of pin
- With mm and inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110210
150	6	24	3	001110215
200	8	28	3	001110220
250	10	34	3	001110225
300	12	35	3	001110230
380	15	45	3	001110238
450	18	54	2	001110245

111G

adjustable wrenches with scales chrome-plated

- Right-hand rotation of pin
- Mm and inch scale
- Ergonomic handle



DIN 3117 ISO 6787

L mm	L "	A max mm		
200	8	28	3	001110620
250	10	34	3	001110625
300	12	35	2	001110630



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/B6	8-10-11-13	1 001200050
120/BV	17-19-22 mm	1 001200051

123E1/4

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



mm	L mm	
10	20,6	1 001230010

123Q1/4

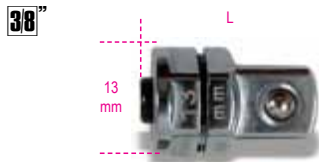
quick release adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm	
10	17,5	1 001230310

123Q3/8

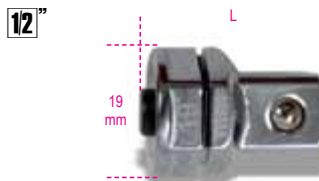
quick release adaptor, 3/8", for 13 mm ratcheting wrenches



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
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142

reversible ratcheting combination wrenches



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
* 36x36	480	1 001420036

* Straight model without inverter



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

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

142AS

reversible ratcheting combination wrenches



mm	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



142C

ratcheting combination wrenches,
straight short series



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



142SN

swivel end ratcheting
combination wrenches



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



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



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
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

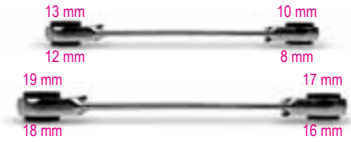


192

reversible ratcheting double-ended flat bi-hex
ring wrenches, 4 in 1



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



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



194

reversible ratcheting wrench
for bits



1/4x5/16 L mm
128



195

ratcheting double-ended flat bi-hex ring
wrenches



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



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



195/BV5 1 001950070

195AS

ratcheting double-ended flat bi-hex ring
wrenches



mm	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°



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



230V-650 Watt
50 Hz+60Hz
Schuko (CEE 7/7)

mm			
310/1	16÷50	1	003100001
310/2	16÷63	1	003100002

310B

forms for polywelder item 310



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

310/C4

polywelder with assortment of 3 forms



310/C4	1	003100104
310/1+310B: Ø 20-25-32		
410x260x82 mm - 4,8 kg		

310/C8

polywelder with assortment of 7 forms



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

311

heating plates for manual straight and slanted welding of PE, PP, PVC and PVDF pipes

CE



230V
50 Hz+60Hz
Schuko (CEE 7/7)

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

330

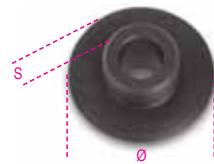
pipe cutters for steel gas pipes



	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



	mm	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



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

331L

ratcheting pipe cutter for copper and light alloy pipes



mm - "	L mm		
8÷29	180	1	003310008
5/16"÷1"1/8			

331LR/L

spare knife for pipe cutter 331L



mm			
331LR/L	18	1	003310058

332

mini pipe cutter for copper and light alloy pipes



mm - "	L mm		
3÷16	59	2	003320001
1/8"÷5/8"			

334

pipe cutter for copper and light alloy pipes



\emptyset 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



\emptyset mm			
334R 18	3	1	003340021

334R/I

spare cutter wheel for items 332 and 334 for stainless steel pipes



\emptyset mm			
334R/I 18	3	1	003340023

336

telescopic pipe cutter for copper and light alloy pipes



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

338

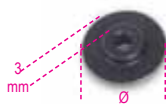
telescopic pipe cutter, fast advance for copper, light alloys and plastic pipes



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

338R

spare cutter wheel for items 336 and 338 for copper and light alloy pipes



\emptyset mm			
338R 18,5	3	1	003380022

338R/I

spare cutter wheel for items 336 and 338 for stainless steel pipes



\emptyset mm			
338R/I 21,8	4,8	1	003380023

338RP

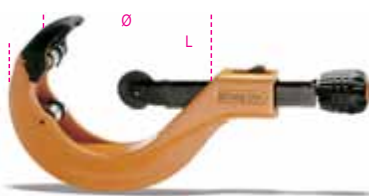
spare cutter wheel for items 336 and 338 for plastic pipes



\emptyset mm			
338RP 21,9	4,8	1	003380025

339A

telescopic pipe cutter, fast advance for plastic pipes



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

339A/R

spare cutter wheels for item 339A



\emptyset mm			
339A/R 42	13	1	003390061

340

multilayer pipe cutting pliers, max. \emptyset 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



\emptyset max mm			
340 26		1	003400001

340RL

spare blade for item 340



340RL		1	003400010

341

pipe cutting pliers for plastic pipes



\emptyset mm	L mm		
341 0÷25	190	1	003410001

341RL

spare blade for item 341



341RL		1	003410010

Beta

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
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341B/RL

spare blade for item 341B



341B/RL	1 003410060
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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
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342RL

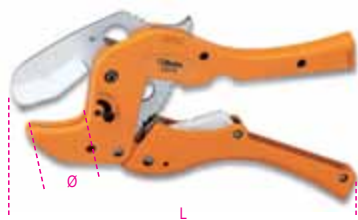
spare blade for item 342



342RL	1 003420032
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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
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342A/RL

spare blade for item 342A



342A/RL	1 003420110
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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

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
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349

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



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

349/SMAS

inch slide for item 349



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

350

tube flaring tool for copper and light alloy pipes



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

351C

pipe cutter and tube flaring tool



351C	1	003510010
334		
350		
351P		

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

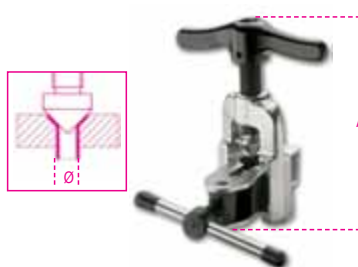
inserts for tube flaring tool item 350



351P	Ø mm	3	003510101
351P 4	4		
351P 4,75	4,75		
351P 6	6		
351P 8	8		
351P 10	10		
351P 12	12		
351P 14	14		

352U

adjustable tube flaring tool for copper and light alloy pipes



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

352C/U

pipe cutter, deburrer and adjustable tube flaring tool



352C/U	1	003520110
334		
345SB		
352U		

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

353N

tube expanding pliers, with interchangeable forms



L mm	1	003530201
380		

353NM

forms for tube expanding pliers item 353N



Ø mm	A mm	1	003530210
10	7		
12	10		
14	10		
16	12		
18	12		
22	13		

353N/C6

tube expanding pliers item 353N with forms item 353NM



353N/C6	1	003530300
353N		
353NM	Ø 10-12-14-16-18-22 mm	
≡ 420x185x60 mm - 2,2 kg		

355

combination spud wrench, five steps



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

357F3

three-vial spirit level



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

357R/F3

spare vial for item 357F3



357R/F3	1	003570101
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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
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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.

360R250	1	003600225
360R350	1	003600235
360R450	1	003600245
360R600	1	003600260
360R900	1	003600290

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 250	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	∅ max "	∅ 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	∅ max "	∅ 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	∅ max "	∅ 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	∅ max "	∅ 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



	∅ max "	∅ 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



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

384RC

spare chain for item 384



384RC	1	003840033
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386A

heavy duty reversible
chain pipe wrenches



	∅ max	L mm		
386A/3	4" gas 115 mm	900	1	003860003
386A/4	6" gas 168 mm	900	1	003860004
386A/5	8" gas 220 mm	1100	1	003860005
386A/6	12" gas 324 mm	1300	1	003860006

386A/RC

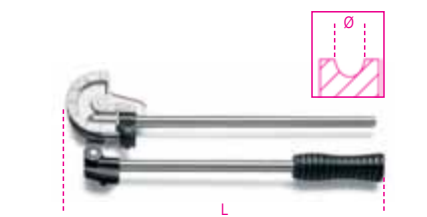
spare chains for item 386A



386A3/RC	1	003860013
386A4/RC	1	003860014
386A5/RC	1	003860015
386A6/RC	1	003860016

388

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



∅ mm	L mm		
6	305	1	003880006
8	315	1	003880008
10	350	1	003880010
12	360	1	003880012
14	455	1	003880014
15	465	1	003880015
16	465	1	003880016

388A

pipe bending pliers for thin walled
copper and light alloy pipes



	∅ mm	L mm		
388A/1	6-8-10	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



∅ mm	L mm	1	003880200
10-12-14-16	18-20-22		

400x330x110 mm - 3,6 kg

392C

adjustable drain tap pliers



∅ mm	L mm	1	003920100
25÷65	260		

392RG/C

spare jaw protectors for item 392C, pair



392RG/C	1	003920101

393

water tap wrench



L mm	1	003930001
270		

395

hinged water tap wrench



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

395T

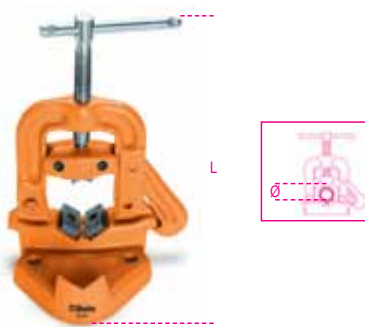
telescopic hinged water tap wrench



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

399

pivoting clamp vices



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

410

twist drills with cylindrical shanks,
short series HSS, rolled

R ≤ 650 N/mm²
HV ~ 750÷820



DIN 338 ISO 235

∅ mm	L mm	L1 mm	1	004100030
0,50	22	6		
1,00	34	12		
1,25	38	16		
1,50	40	18		
1,75	46	22		
2,00	49	24		
2,25	53	27		
2,50	57	30		
2,75	61	33		
3,00	61	33		
3,20	65	36		
3,25	65	36		
3,50	70	39		
3,75	70	39		
4,00	75	43		
4,20	75	43		
4,25	75	43		
4,50	80	47		
4,75	80	47		
5,00	86	52		
5,25	86	52		
5,50	93	57		
5,75	93	57		
6,00	93	57		
6,25	101	63		
6,50	101	63		
6,75	109	69		
7,00	109	69		
7,50	109	69		

∅ mm	L mm	L1 mm	1	004100124
8,00	117	75		
8,50	117	75		
9,00	125	81		
9,50	125	81		
10,00	133	87		
10,50	133	87		
11,00	142	94		
11,50	142	94		
12,00	151	101		
12,50	151	101		
13,00	151	101		
14,00	160	108		
15,00	169	114		
16,00	178	120		
17,00	186	125		
18,00	194	130		
19,00	202	135		
20,00	210	140		



410/SP19	1	004100419
∅ 1÷10 x 0,5 mm		
410/SPV1		004100420
410/SP25		004100425
∅ 1÷13 x 0,5 mm		
410/SPV2		004100426



410/SEL19	1	004100418
∅ 1÷10 x 0,5 mm		

410MIX/SEL19

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



410MIX/SEL19	1	004100417



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

∅ 4 - 5 - 6 - 8 - 9 - 10 mm

410A

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

R ≤ 650 N/mm²
HV ~ 750+820



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	186	125	3	004100292
17,00	186	125	3	004100293
17,50	194	130	3	004100294
18,00	194	130	3	004100295
18,50	202	135	3	004100296
19,00	202	135	3	004100297
19,50	210	140	3	004100298
20,00	210	140	3	004100299

410AS

twist drills with cylindrical shanks,
short series HSS, rolled

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
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412

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

R ≤ 700 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	94	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
412/SPV1	1	004120420
412/SP25 Ø 1÷13 x 0,5 mm	1	004120425
412/SPV2	1	004120426
412/SP49 Ø 1÷13 x 0,25 mm	1	004120449
412/SPV4	1	004120451

412/C150



412/C150	1	004120450
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412	Ø 3 mm	n.	20
	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm		10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 - 8,5 - 9 - 9,5 - 10 mm		5
	365x230x47 mm - 3,3 kg		



412/SP91 Ø 1÷10 x 0,10 mm	1	004120452
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 **Beta**

412A

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

R ≤ 700 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	186	125	1	004120213
17,00	186	125	1	004120214
17,50	194	130	1	004120215
18,00	194	130	1	004120216
18,50	202	135	1	004120217
19,00	202	135	1	004120218
19,50	210	140	1	004120219
20,00	210	140	1	004120220

412L

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

R ≤ 700 N/mm²
HV ~ 750÷820



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

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



Code	Quantity	Part Number
414/SP19	1	004140419
Ø 1÷10 x 0,5 mm		
414/SPV1	1	004140420
414/SP25	1	004140425
Ø 1÷13 x 0,5 mm		
414/SPV2	1	004140426
414/SP49	1	004140429
Ø 1÷13 x 0,25 mm		
414/SPV4	1	004140430

414/C116



414/C116 1 004140450

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

365x230x47 mm - 2,7 Kg

415

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

R ≤ 1400 N/mm²
HV ~ 850÷920



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004150029
1,00	34	12	10	004150040
1,25	38	16	10	004150043
1,50	40	18	10	004150046
1,75	46	22	10	004150049
2,00	49	24	10	004150052
2,25	53	27	10	004150055
2,50	57	30	10	004150058
2,75	61	33	10	004150061
3,00	61	33	10	004150064
3,25	65	36	10	004150067
3,50	70	39	10	004150070
3,75	70	39	10	004150073
4,00	75	43	10	004150076
4,25	75	43	10	004150079
4,50	80	47	10	004150082
4,75	80	47	10	004150085
5,00	86	52	10	004150088
5,25	86	52	10	004150091
5,50	93	57	10	004150094
5,75	93	57	10	004150097
6,00	93	57	10	004150100
6,25	101	63	10	004150103
6,50	101	63	10	004150106
6,75	109	69	10	004150109
7,00	109	69	10	004150112
7,25	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



Ø mm	L mm	L1 mm		
14,00	160	108	3	004150164
15,00	169	114	3	004150168
16,00	178	120	3	004150172
17,00	186	125	1	004150174
18,00	194	130	1	004150176
19,00	202	135	1	004150178
20,00	210	140	1	004150180



415/SP19	1	004150419
Ø 1=10 x 0,5 mm		
415/SPV1	1	004150420
415/SP25	1	004150425
Ø 1=13 x 0,5 mm		
415/SPV2	1	004150426
415/SP49	1	004150431
Ø 1=13 x 0,25 mm		
415/SPV4	1	004150432

415/C116



415/C116	1	004150450
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415	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n.
	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

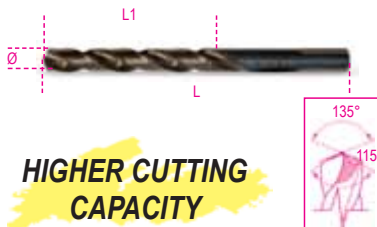


415/SP91	1	004150460
Ø 1=10 x 0,10 mm		

416

drill with cylindrical shank, specially ground, with two cutter pairs

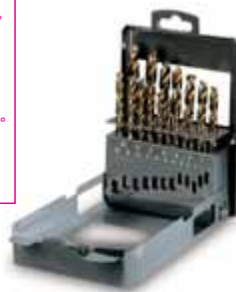
R ≤ 900 N/mm²
HV || 820=850



HIGHER CUTTING CAPACITY

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		

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



DIN 8039

ØxL mm		
4x110	10	004190002
5x110	10	004190004
5x160	10	004190006
6x110	10	004190012
6x160	10	004190014
6x210	10	004190016
7x160	10	004190028
8x110	10	004190030
8x160	10	004190032
8x210	10	004190034
8x260	10	004190036
8x460	10	004190042
9x160	5	004190044
10x160	5	004190050
10x210	5	004190052
10x260	5	004190054
10x310	5	004190056
10x460	5	004190060
12x160	5	004190064
12x210	5	004190066
12x260	5	004190068
12x460	5	004190074
14x160	3	004190086
14x260	3	004190090
14x310	3	004190092
14x460	3	004190096
16x210	3	004190112
16x250	3	004190114
16x300	3	004190116
16x450	3	004190120
18x250	1	004190124
20x310	1	004190128

Beta

421

countersinks with guide pins,
fine grade,
made of HSS



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



DIN 373

421/SP6	1	004210019
M 3-4-5-6-8-10		
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	1	004240019
424/1+424/2+424/3		
Ø 3÷30 mm		
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	1	004250030
425/1+425/3+425/6		
Ø 4÷30 mm		
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



426/SP6	1	004260030
GR 3-5-7-8-10-11		
Ø 6,3÷20,5 mm		
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 1 004260130
 426/SB1-426/SB2
 426/SB3-426/SB4
 Ø 2÷20 mm
426SB/SPV1 1 004260135

426MD-3

mini rotary cutters made from hard metal

- Smooth cross cut with chip breaker



	L mm	Ø mm		
426MD-3/OV3	38,2	3	1	004260331
426MD-3/CP3	38,1	3	1	004260332
426MD-3/CT3	37,8	3	1	004260333
426MD-3/F3	38,3	3	1	004260334
426MD-3/TA3	38,3	3	1	004260335
426MD-3/T3	38,3	3	1	004260336
426MD-3/OG3	38,1	3	1	004260337
426MD-3/S3	38,0	3	1	004260338
426MD-3/FA3	38,2	3	1	004260339



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

426MD

rotary files, made from hard metal

cross cut HM6



	L mm	Ø mm		
426MD/OV6	50	6	1	004260531
426MD/OV9,5	61	9,5	1	004260541
426MD/OV12	67	12	1	004260521
426MD/OV16	69	16	1	004260551
426MD/CP6	50	6	1	004260532
426MD/CP8	63	8	1	004260512
426MD/CP9,5	63	9,5	1	004260542
426MD/CP12	69	12	1	004260522
426MD/CP16	69	16	1	004260552
426MD/CT6	50	6	1	004260533
426MD/CT8	63	8	1	004260513
426MD/CT9,5	63	9,5	1	004260543
426MD/CT12	69	12	1	004260523
426MD/CT16	69	16	1	004260553
426MD/F6	50	6	1	004260534
426MD/F8	63	8	1	004260514
426MD/F9,5	63	9,5	1	004260544
426MD/F12	69	12	1	004260524
426MD/F16	69	16	1	004260554
426MD/TA6	50	6	1	004260535
426MD/TA8	67	8	1	004260515
426MD/TA9,5	72	9,5	1	004260545
426MD/TA12	73	12	1	004260525
426MD/TA16	78	16	1	004260555
426MD/T6	50	6	1	004260536
426MD/T8	63	8	1	004260516
426MD/T9,5	63	9,5	1	004260546
426MD/T12	69	12	1	004260526
426MD/T16	70	16	1	004260556
426MD/OG6	50	6	1	004260537
426MD/OG8	63	8	1	004260517
426MD/OG10	70	10	1	004260547
426MD/OG12	76	12	1	004260527
426MD/OG16	81	16	1	004260557
426MD/S6	50	6	1	004260538
426MD/S8	51	8	1	004260518
426MD/S9,5	53	9,5	1	004260548
426MD/S12	56	12	1	004260528
426MD/S16	59	16	1	004260558
426MD/FA6	50	6	1	004260539
426MD/FA8	63	8	1	004260519
426MD/FA9,5	63	9,5	1	004260549
426MD/FA12	69	12	1	004260529
426MD/FA16	69	16	1	004260559



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

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



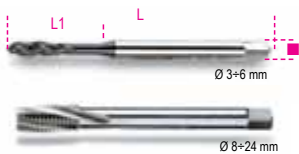
ISO 529

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	L1		
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	1	004280201
428FP M3÷12		
428FC M3÷12		
428/SPV	1	004280202

429FP

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



ISO 529

M	mm	L	L1		
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	L1		
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	1	004290201
429FP M3÷12		
429FC M3÷12		
428/SPV	1	004280202

430

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



ISO 529

M	mm	L	L1		
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	1	004300201
M 3-4-5-6-8-10-12		
430/SPV	1	004300202

430ASW

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



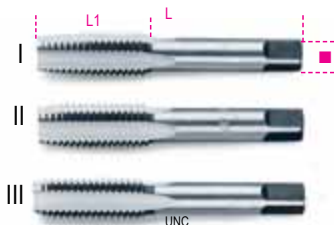
DIN 352

BSW	mm	L	L1		
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

Beta

430ASC

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



ANSI B1.1

UNC	mm	L	L1		
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	L1		
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				1	004310201
M 3-4-5-6-8-10-12					
431/SPV				1	004310202

433

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

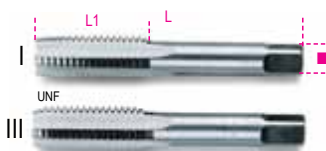


DIN 2181 UNI 4535

M	mm	L	L1		
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	L1		
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

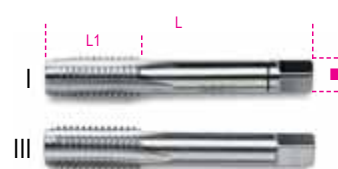


DIN 5157

GAS	mm	L	L1		
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	L1		
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		
435/0	2=5	140	3	004350007
	M2=M8			
435/1	2=6	180	2	004350009
	M3=M10			
435/1,5	2,5=6	180	2	004350011
	M3=M12			
435/2	3=7	260	2	004350013
	M4=M12			
435/3	4=12	380	1	004350020
	M5=M20			
435/4	5,5=16	490	1	004350027
	M9=M27			
435/5	7=18	620	1	004350032
	M13=M32			

 **Beta**

435G

adjustable tap wrenches,
light alloy body

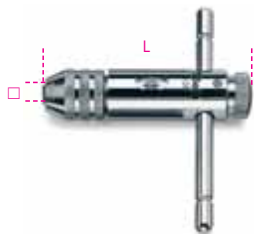


DIN 1814

	□ 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

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
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437C/...

stainless steel helicoids for item 437C



H mm			
8.4		1	004370108
12.4		1	004370112
16.4		1	004370116

The prices shown are for 10 pieces

437C/RM14

male thread for spark plugs M14x1.25



437C/RM14		1	004370124
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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
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200x110x30 mm

437K/16

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



437K/16		1	004370016
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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
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210x150x50 mm

437U/09

assortment for repairing damaged threads
M5-M6-M8-M10-M12



25 x M5, M6, M8, M10
10 x M12

437U/09		1	004370550
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M5X0,8

M6X1,0

M8X1,25

M10X1,5

M12X1,75

370x230x55 mm - 2 Kg

Beta

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

Prices refer to 25 pieces (10 for size M12)

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



S MAX mm = Ø mm

438A	1	004380010
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438...

bits for drilling, threading and countersinking

HSS, 1/4" drive



	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



UNI EN 22568

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

440A

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



UNI EN 22568

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

440B

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



UNI EN 22568

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

440ASW

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



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

440ASC

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



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

440ASF

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



ANSI B1.1

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

440ASG

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



UNI EN 22568

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

441

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



UNI EN 22568

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

441A

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



UNI EN 22568

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

441B

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



UNI EN 22568

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

442

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



UNI EN 22568

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
22x2,5	55x22	1	004420022
24x3	55x22	1	004420024

443

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



UNI EN 22568

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

M	ØxS mm		
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



DIN 225

	Ø mm	L mm		
444	20x5	215	5	004440005
444/0	20x7	215	5	004440007
444/1	25,4	225	5	004440025
444/1A	25x9	225	5	004440027
444/1B	30x11	300	5	004440030
444/C	38x10	315	3	004440033
444/1C	38x14	315	3	004440035
444/2	38,1x12,7	360	3	004440038
444/1D	45x14	455	1	004440045
444/2D	45x18	455	1	004440046
444/3	50,8x15,9	555	1	004440050
444/4	55x16	555	1	004440055
444/5A	63,5x19,7	630	1	004440057

444G

die stocks, light alloy body



UNI EN 22568

	Ø mm	L mm		
444G/A	16x5	160	5	004440103
444G	20x5	200	5	004440105
444G/0	20x7	200	5	004440107
444G/1	25,4	210	5	004440125
444G/1A	25x9	224	5	004440127
444G/1B	30x11	280	5	004440130
444G/C	38x10	315	3	004440133
444G/1C	38x14	315	3	004440135
444G/2	38,1x12,6	320	3	004440138
444G/1D	45x14	450	1	004440145
444G/2D	45x18	450	1	004440146
444G/3	50,8x16	500	1	004440150
444G/4	55x16	560	1	004440155
444G/5A	63,5x19	620	1	004440163
444G/6	65x18	630	1	004440165

446/C30

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



446/C30 1 004460055

325x220x35 mm - 3,2 Kg

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

446/C48

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



446/C48 1 004460057

580x300x50 mm - 5 Kg

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

446/C110

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



446/C110 1 004460060

500x337x60 mm - 8,1 Kg

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

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

446ASF/C29

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



446ASF/C29 1 004460070

660x410x50 mm - 6 Kg

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

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		

 **Beta**

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	442 M		
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
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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	442 M			
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

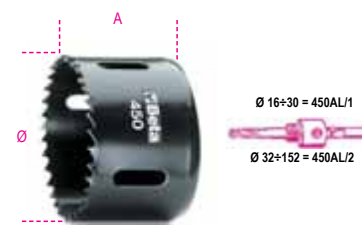
510x340x70 mm - 7,5 Kg

431 M	434 M	442 M	443 M
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	
	444/1C	
	444/1D	

450

holesaws HSS, Bimetal



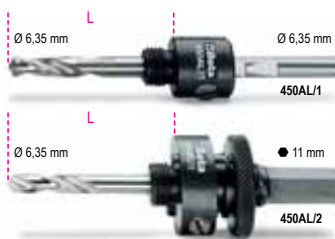
HSS-Co 8%

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

Ø mm	Ø "	A mm		
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

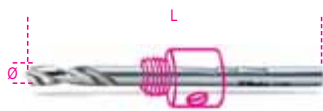
adaptors for arbors item 450AL/1



	Ø mm			
450AD	32÷51	1	004500230	

450PA/1

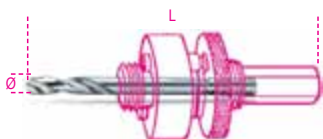
pilot drills for arbors item 450AL/1, HSS



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



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	

 Beta

 Beta

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

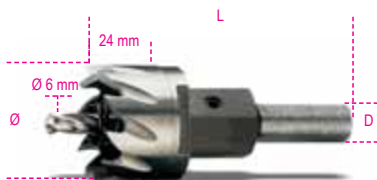
450PR

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

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

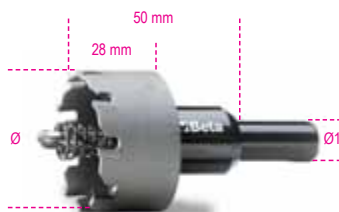
extension for hole cutters item 451



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

Ø mm	Ø1 mm	
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

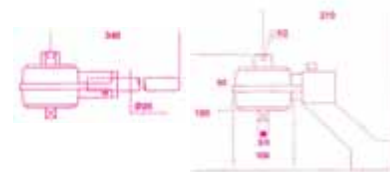
arbors for hole cutters item 452



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

560/C2

torque multiplier, ratio 5:1, and accessories in plastic case



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

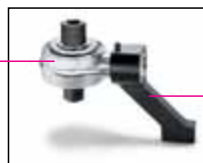


560/C4+

Torque multiplier,
ratio 5:1,
with reaction foot

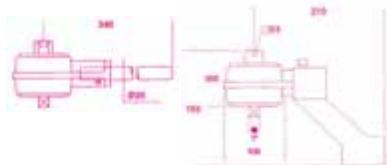


560/18



560/4

560/22



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
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≡ 400x260x110 mm

560/C12

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



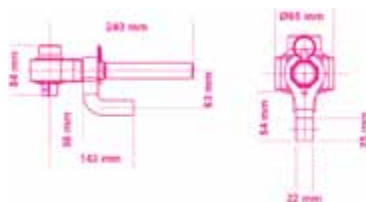
Nm	Kgfm	lbf.ft	□	■	kg
2500	250	1844	1/2"	1"	7

560/C12	1	005600210
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≡ 400x260x110 mm

561/1

torque multiplier,
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
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≡ 270x210x70 mm

562/1 - 562/2

torque multipliers, ratio 5:1



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
1700	170	1250	3/4"	1"	108	95	85	220	5,3

562/1	1	005620001
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Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	3/4"	1"	119	115	85	265	7,0

562/2	1	005620002
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564/3R - 564/4R

torque multipliers, ratio 25:1,
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D	A	L	kg
3000	300	2200	1/2"	1"	108	188	155	9,2

564/3R	1	005640003
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Nm	Kgfm	lbf.ft	□	■	D	A	L	kg
6000	600	4500	1/2"	1 1/2"	119	235	200	15,5

564/4R	1	005640004
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565/1R - 565/2R - 565/3R

torque multipliers, ratio 25:1
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
1700	170	1250	1/2"	1"	108	125	80	215	7,7

565/1R	1	005650011
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Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	1/2"	1"	119	145	85	265	10,1

565/2R	1	005650012
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Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	1/2"	1 1/2"	119	145	85	265	10,7

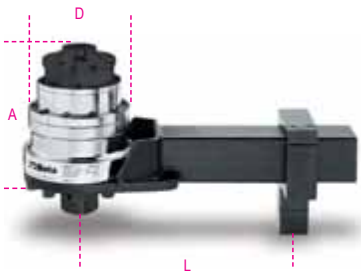
565/3R	1	005650013
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 **Beta**

 **Beta**

565/4R

torque multiplier, ratio 25:1
with anti-wind up system

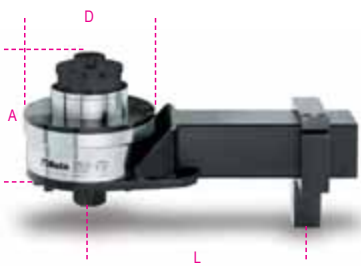


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
6000	600	4500	1/2	1 1/2	144	180	125	335	17

565/4R 1 005650014

565/5R

torque multiplier, ratio 25:1
with anti-wind up system

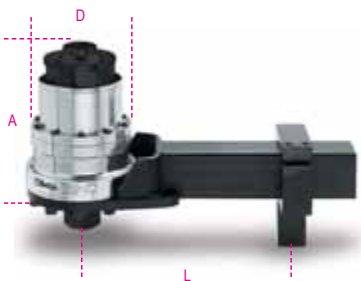


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
9500	950	7000	3/4	1 1/2	184	180	155	355	25

565/5R 1 005650015

567/4R

torque multiplier, ratio 125:1
with anti-wind up system

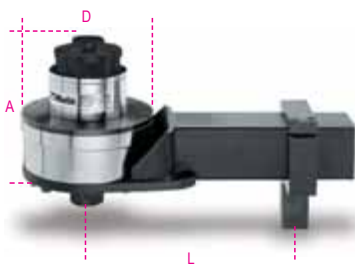


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
6000	600	4500	1/2	1 1/2	144	210	125	335	19

567/4R 1 005670014

567/5R

torque multiplier, ratio 125:1
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
9500	950	7000	1/2	1 1/2	184	210	155	350	27

567/5R 1 005670015

581

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



UNI EN ISO 6789

Nm	gfm	□	⚖
1,2÷6	120÷600	1/4"	275

581 1 005810001

583

slip-torque screwdriver, graduated
for right-hand tightening
torque accuracy: $\pm 6\%$



UNI EN ISO 6789

Nm	gfm	□	⚖
0,3÷1,5	30÷150	1/4"	240

583/1,5 1 005830015

Nm	gfm	□	⚖
0,6÷3	60÷300	1/4"	240

583/3 1 005830030

Nm	gfm	□	⚖
1,2÷6	120÷600	1/4"	350

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

588

electronic digital torque meter

For testing and setting torque screwdrivers 581-583
Reading accuracy: $\pm 1\%$ of read value

CE

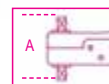


Nm	lbf.in	□	⚖
1÷10	10÷90	1/4"	1,8

588 1 005880001

590 - 592

direct reading torque wrenches
for right-hand and left-hand tightening
torque accuracy: $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	□	A	L	⚖
0,3÷4	0,03÷0,4	3÷35	1/4	60	253	0,52

590 1 005900001

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

590/1 1 005900003

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

592/3 1 005920005

Nm	Kgfm	lbf.in	■	A	L	kg
3÷40	0,3÷4	20÷360	3/8	70	253	0,52

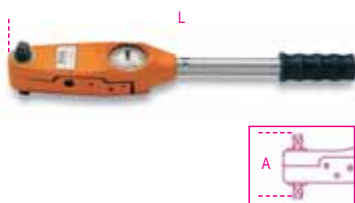
592/4 1 005920007

Table of fields of use
for torque wrenches and bars
at end of price list

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	L	kg
6÷80	0,6÷8	5÷60	1/2	85	455	1,35

594/8 1 005940011

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

594/21 1 005940015

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	L	kg
80÷400	8÷40	60÷300	3/4	111	710	3,2

596/40SL 1 005960010

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

596/80SL 1 005960020

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

598/200SL 1 005980022

Torque calibration
service
at end of price list

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)

12"
CE



UNI EN ISO 6789

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

599DGT/6 1 005990003

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

599DGT/10X 1 005990010

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

599DGT/20 1 005990020

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

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

12"
CE



UNI EN 26789
ISO 6789

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

599DGT-AN/10 1 005990610

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

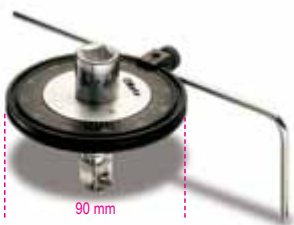
599DGT-AN/20 1 005990620

Torque calibration
service
at end of price list

Beta

600

torque angle indicators



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

601C

digital tangle indicator

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

CE



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

12"

CE



601CA	□	■	Nm	1	006010120
120x90x120 mm - 240 g	1/2"	1/2"	10=200	1	006010120

603

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

1/4"



UNI EN ISO 6789

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

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

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	∅ mm	L mm	g
1=5	0,1=0,5	10=45	8	220	290

604B/5	1	006040015

Nm	Kgfm	lbf.in	∅ mm	L mm	g
2=10	0,2=1,0	18=90	8	220	300

604B/10	1	006040020

605E

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

1/4"



UNI EN ISO 6789

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

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

605E/10	1	006050110

611

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



■	L mm	1	006110001
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	1	006120000
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



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

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

Beta

615

reversible ratchets
for torque bars, rectangular drive



mm	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



mm	mm	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



P	mm	mm	L mm	LA mm		
P 1/4	9x12	1/4	40	28,8	1	006210000
* P 5/16	14x18	5/16	61	32,5	1	006210110

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

641

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

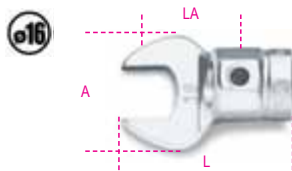


mm	L mm		
4	37	1	006410003
5	37	1	006410004
5,5	37	1	006410005
6	37	1	006410006
7	37	1	006410007
8	42	1	006410008
9	42	1	006410009
10	42	1	006410010

Beta

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
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		
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
* 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
* 41	14x18	91	64,8	1	006430141

*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

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

653

ring wrenches
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
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
22	9x12	51	28,8	1	006530022

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

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
*41	14x18	90	49,8	1	006530141

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

666N

click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy: $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
5÷25	0,5÷2,5	4÷18	1/4	25	29	220	300

666N/2 1 006660002

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
5÷25	0,5÷2,5	4÷18	3/8	25	29	220	300

666N/2X 1 006660003

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
10÷50	1÷5	7÷37	3/8	30	33	325	660

666N/5 1 006660005

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	367	730

666N/10 1 006660010

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	1/2	30	37	367	800

666N/10X 1 006660011

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

666N/20 1 006660020

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

666N/30 1 006660030

666N LBF.IN

click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy: $\pm 3\%$

• Scale in pounds force per inch



UNI EN ISO 6789

lbf.in	mm	D mm	A mm	L mm	g
90÷440	3/8	30	33	325	660

666N-LBF.IN/5 1 006660055

lbf.in	mm	D mm	A mm	L mm	g
200÷800	3/8	30	33	367	730

666N-LBF.IN/10 1 006660070

lbf.in	mm	D mm	A mm	L mm	g
200÷800	1/2	30	37	367	800

666N-LBF.IN/10X 1 006660071

lbf.in	mm	D mm	A mm	L mm	g
400÷1800	1/2	40	43	465	1010

666N-LBF.IN/20 1 006660072

lbf.in	mm	D mm	A mm	L mm	g
500÷3000	1/2	40	43	581	1380

666N-LBF.IN/30 1 006660073



667N

click-type torque wrenches with push-through ratchets, for right-hand and left-hand tightening, torque accuracy: $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

667N/20 1 006670020

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

667N/30 1 006670030

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
80÷400	8÷40	60÷295	3/4	50	50	687	2090

667N/40 1 006670040

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: $\pm 3\%$



UNI EN ISO 6789

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

668N/2 1 006680002

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

668N/5 1 006680005

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

668N/10 1 006680010

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

668N/20 1 006680020

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

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	L	g
8÷60	0,8÷6	6÷44	16	288	550

668RG/6 1 006680206

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

668RG/10 1 006680210

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

668RG/20 1 006680220

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

668RG/30 1 006680230

669N

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



UNI EN ISO 6789

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

669N/2 1 006690202

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

669N/5 1 006690205

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

669N/10 1 006690210

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

669N/20 1 006690220

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

669N/20X 1 006690221

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

669N/30 1 006690230

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g
80÷400	8÷40	60÷295	14x18	588	563	39,8	2100

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



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
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



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
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

677

break-back torque wrenches with push-through ratchets for right-hand and left-hand tightening torque accuracy: $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
100÷500	10÷50	70÷350	70	55	915	5,2

677/50 1 006770050

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
150÷700	15÷70	100÷500	70	55	1140	6,2

677/70 1 006770070

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	70	55	1470	7,5

677/100 1 006770100

677/C

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



UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
100÷500	10÷50	70÷350	70	55	915	5,2

677/C50 1 006770606

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
150÷700	15÷70	100÷500	70	55	1140	6,2

677/C70 1 006770611

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	70	55	1470	7,5

677/C100 1 006770615

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
700÷1500	70÷150	500÷1000	70	70	1475	10,4

677/C150 1 006770620

677/CP200

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



UNI EN ISO 6789

Nm	Kgfm	lbf.in	D mm	A mm	L mm	kg
900÷2000	90÷200	600÷1500	70	63	1920	13

677/CP200 1 006770720

678/C

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

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



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

678/C65 1 006780607

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

678/C100 1 006780611

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

678/C150 1 006780615

677/CV - 678/CV

empty cases for torque wrenches items 677 and 678



677/CV1 1 006770450

677/C50-677/C70 1 006780500

678/CV2 1 006780415

678/CV3 1 006780415

677/C100-677/C150-678/C150 1 006780415

680

electronic digital torque meter Dynatester 680 for checking calibration, can be used both clockwise and anticlockwise

• Accuracy: $\pm 1\%$
• 3 measuring units: Nm - lbf.ft. - lbf.in

CE



	Nm	kg	
680/2,5	1÷25	2,6	1 006800002
680/40	15÷400	4,0	1 006800040
680/100	100÷1000	4,8	1 006800100

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 FEATU

Reading accuracy

$\pm 1\%$ of the read value

Available measuring units

Nm-dNm-cNm-Lbf.ft-Lbf.in-Ozf.in-Kgf.m-Kgf.cm-gf.cm

Supply range

90 to 264 V AC at 50/60 Hz

Dimensions 235x185x185 mm

Tolerance test according to norm ISO 6789

Acceptability range

for each torque wrench tested

Display

Menu available in 11 languages

Provided with all certificates required

Calibration certificate with UKAS traceability

	Nm	kg	
682/60	1,2÷60	5,9	1 006820006
682/400	8÷400	6,1	1 006820040
682/1500	30÷1500	6,4	1 006820150

710

impact sockets, standard series



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

710/16

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



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

710/20

3/8" drive impact extension bar



L mm	Ø mm		
75	22	2	007100821

710/21

3/8" drive impact extension bar



L mm	Ø mm		
125	22	2	007100823

710/25

3/8" drive impact universal joint



L mm	Ø mm		
58	24	2	007100830

710/C10

10 impact sockets



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

130x55x40 mm - 800 g

710/OR... - 710/SP...

rubber O-rings and locking pins for impact sockets



710	710/16		
mm	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



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
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
21	31,0	38	30	5	007200021
22	32,5	38	30	5	007200022
23	34,0	38	30	5	007200023

mm	Ø mm	L mm	Ø1 mm		
24	35,0	38	30	5	007200024
27	38,5	45	30	3	007200027
30	42,0	50	30	3	007200030
32	44,0	50	30	3	007200032
36	50,0	50	30	3	007200036

720AS

impact sockets, standard series



mm	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

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



UNI/ISO 2725

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
17-19-21 mm
148x132x44 mm - 860 g



720LC/S5
17-19-21-22-24 mm

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
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

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



720TC/S5
90-100-110-120-135 Nm
260x50x175 mm - 1,35 kg

720FTX

impact sockets, for Torx® head screws



	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



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

720TX

impact socket drivers for Torx® head screws



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

720TX/C6

6 impact socket drivers for Torx® head screws



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

1 007200483

275x120x65 mm - 5700 g

720ME

impact socket drivers for hexagon screws



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

720ME/C8

8 impact socket drivers for hexagon screws



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

1 007200525

270x120x45 mm - 1710 g

720/15

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



L mm 37,5
Ø mm 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



L mm 44
Ø mm 30
1/2 3/4

3 007200814

720/20

1/2" drive impact extension bar



L mm 75
Ø mm 25

3 007200818

720/21

1/2" drive impact extension bar



L mm 125
Ø mm 25

3 007200822

720/25

1/2" drive impact universal joint



L mm 64
Ø mm 28

2 007200831

720/C6

6 impact sockets



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

1 007200910

195x80x55 mm - 1100 g

720/C12

12 impact sockets



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

1 007200912

195x80x55 mm - 2000 g

720/OR... - 720/SP...

rubber O-rings and locking pins for impact sockets



	720 mm	720TX mm	
720/OR1	10-14	T30-T60	10 007200923
720/OR2	15-32		10 007200924
720/SP1	10-14	T30-T60	10 007200913
720/SP2	15-32		10 007200914

727PI/16

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



Ø mm 44
L mm 52
mm 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

727PI/22

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



Ø mm	L mm	Ø mm		
54	70	22	2	007270022

727/ES22

impact hexagon bits, 22 mm drive



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

727/ES22TX

impact bits for Torx® head screws, 22 mm drive



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

727/C16

12 impact bits and 4 accessories



727/C16	1	007270900

727PI/16

727/ES16 14-17-19 mm

727/ES16TX T55-T60-T70

727PI/22

727/ES22 22-24-27 mm

727/ES22TX T80-T90-T100

96BPC 3-4 mm

335x145x60 mm - 3,6 kg

727PI/32

impact bit holder for item 727/ES32



Ø mm	L mm	Ø mm		
86	66	32	1	007270032

727/ES32

impact hexagon bit, 32 mm drive



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

728

impact sockets, standard series



UNI/ISO 2725 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

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

728L

impact sockets, long series



mm	Ø mm	L mm	Ø1 mm		
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
46	66,0	90	44	1	007280346
50	71,0	90	44	1	007280350
55	77,5	100	54	1	007280355

728LS

impact sockets, long slim series



mm	Ø	L	Ø1		
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	Ø	Ø1		
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	Ø				
mm	mm	3/4	1/2	2	007280810
58	38				



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	Ø				
mm	mm	3/4	1	2	007280813
62	44				

728/21

3/4" drive impact extension bar



L	Ø		
mm	mm	2	007280815
175	44		

728/22

3/4" drive impact extension bar



L	Ø		
mm	mm	2	007280825
250	44		

728/22L

3/4" drive impact extension bar



L	Ø		
mm	mm	1	007280826
330	44		

728/25

3/4" drive impact universal joint



L	Ø		
mm	mm	1	007280830
107,5	44		

728/C10

10 impact sockets



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

275x120x65 mm - 5,7 kg

728/OR - 728/SP

rubber O-rings and locking pins for impact sockets



728/OR	728/15	728FTX		
	mm	mm	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	L	Ø1		
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	L	Ø1		
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

 Beta

 Beta

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	42,3	108	53	1	007290527
30	46,0	108	53	1	007290530
32	48,5	108	53	1	007290532
33	49,8	108	53	1	007290533
36	53,5	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

729/22

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

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.

733/15

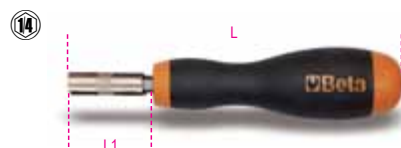
adaptor



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

851

magnetic bit holder with handle



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

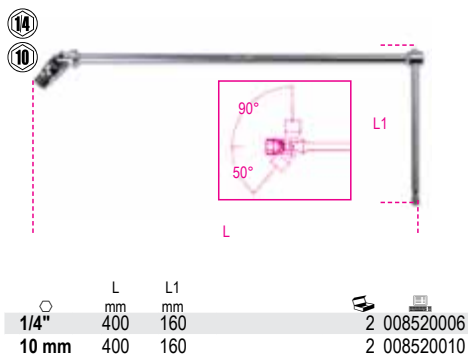
851SR

quick release bit holder with handle



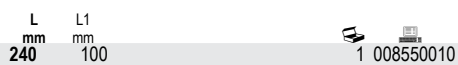
852

bit holder with articulated T handle



855P

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



- 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



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

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

860PE/A10

set of 10 bits with magnetic bit holder in plastic case



860PE/A10 1 008600920

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

860TX/A10

set of 10 bits with magnetic bit holder in plastic case



860TX/A10 1 008600970

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

860MIX/A10

set of 10 bits with magnetic bit holder in plastic case



860MIX/A10 1 008600900

	860LP	0,5x3 - 1x5,5 - 1,2x6,5 mm	n. 1
	860PH	PH1 PH2 PH3	1 2 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 - 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)	
	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
Pozi driv®-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
Pozi driv®-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

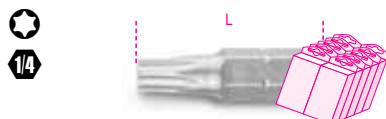


ISO 1173 C 6,3

	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

	L mm		
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		
T7	25	10	008610538
T9	25	10	008610500
T10	25	10	008610505
T15	25	10	008610510
T20	25	10	008610515
T25	25	10	008610520
T27	25	10	008610525
T30	25	10	008610530
T40	25	10	008610535
T45	25	10	008610539

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

155

861XZN

bits for XZN® screws



ISO 1173 C 6,3

Ø	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 2351-2-ISO 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		
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		
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

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



mm	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



mm	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	mm	L mm	Ø mm	
867/1	10	3/8"	38	17	5 008670600
867/2	10	1/2"	38	22	5 008670601

867/C20

18 bits for RIBE® screws, with 10 mm hexagon drive and 2 accessories



867/C20 1 008670920

	867RIBE	5-6-7-8-9-10-11-12-13 mm
	867RIBE/L	5-6-7-8-9-10-11-12-13 mm
	867/1	
	867/2	

335x145x60 mm - 1,7 kg

867/C38

38 hexagon bits, 10 mm, 1 bit holder with articulated T handle



867/C38

1 008670938

	852	10 mm
	867PE	4-5-6-7-8-10-12mm
	867PE/L	4-5-6-7-8-10-12mm
	867XZN	M5-M6-M8-M10-M12
	867XZN/L	M5-M6-M8-M10-M12
	867TX	T20-T25-T30-T40-T45-T50-T55
	867TX/L	T20-T25-T30-T40-T45-T50-T55
	882	

420x185x60 mm - 3 kg

867/C52

52 hexagon bits, 10 mm and 2 accessories



867/C52

1 008670901

	867PE	4-5-6-7-8-10-12 mm
	867PE/L	4-5-6-7-8-10-12 mm
	867XZN	M5-M6-M8-M10-M12
	867XZN/L	M5-M6-M8-M10-M12
	867TX	T20-T25-T30-T40-T45-T50-T55
	867TX/L	T20-T25-T30-T40-T45-T50-T55
	867RTX	T20-T25-T30-T40-T45-T50-T55
	867RTX/L	T20-T25-T30-T40-T45-T50-T55
	867/1	○ 10 mm - □ 3/8"
	867/2	○ 10 mm - □ 1/2"

250x170x70 mm - 2,1 kg

882

bit holder with retaining ring for drivers



ISO 1173 E 6,3

L	○	●	∅		
mm	1/4	1/4	mm	5	008820001
57			11		

882M1

magnetic bit holder



ISO 1173 E 6,3

L	○	●	∅		
mm	1/4	1/4	mm	5	008820006
50			11		

882M

magnetic bit holder



ISO 1173 E 6,3

L	○	●	∅		
mm	1/4	1/4	mm	5	008820005
75			11		

882MSR

magnetic quick release bit holder for drivers



ISO 1173 E 6,3

L	○	●	∅		
mm	1/4	1/4	mm	5	008820205
50			11		
75			11		5 008820207

882P

magnetic bit holder extension bar



L	○	∅			
mm	1/4	mm	5	008820080	
80		10			

892

adaptors for drivers



892/0	■	●	L		
	1/4	1/4	mm	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

895/1	○	□	L	∅		
	1/4	1/4	mm	mm	5	008950000
895/3	1/4	3/8	25,4	12	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	L1			
mm	mm	2	008970010	
280	154			

897L

flexible bit holder with handle, long model



L	L1			
mm	mm	2	008970015	
500	380			

900

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
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



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

900MB

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
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



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

900L

hexagon hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
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



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	L	Ø1	
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



mm	Ø	L	Ø1	
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

"	Ø	L	Ø1	
3/8	14,0	25	12,9	5 009000370
7/16	15,3	25	14,5	5 009000375
1/2	17,5	25	16,4	5 009000380
9/16	19,0	25	17,9	5 009000385



900AS/SB11		1 009000389
3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16		

900AS/MB

bi-hex hand sockets



SAE AS 954E

"	Ø	L	Ø1	
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



"	Ø	L	Ø1	
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	L	Ø1	
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

	Ø	L	Ø1		
	mm	mm	mm		
5/16	11,6	50	12,0	2	009000330
11/32	13,0	50	12,0	2	009000331
3/8	14,3	50	12,8	2	009000332
7/16	16,0	50	14,2	2	009000333
1/2	18,0	50	16,2	2	009000334
9/16	19,0	50	17,1	2	009000335

900FTX

hand sockets for Torx® head screws



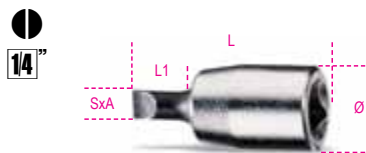
	Ø	L	Ø1		
	mm	mm	mm		
E4	5,4	22	11,2	5	009000404
E5	6,7	22	11,2	5	009000405
E6	7,7	22	11,2	5	009000406
E7	8,3	22	11,2	5	009000407
E8	9,6	22	11,2	5	009000408
E10	11,3	22	12,0	5	009000410
E11	12,1	22	12,5	5	009000411
E12	12,9	23	12,9	5	009000412
E14	14,0	25	14,0	5	009000414



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

900LP

socket drivers for slotted head screws



SxA	Ø	L	L1		
mm	mm	mm	mm		
0,8x4	12	28	9	5	009000605
1x5,5	12	28	9	5	009000610
1,2x6,5	12	28	9	5	009000615
1,2x8	13	28	8	5	009000620
1,6x10	14	28	8	5	009000625

900PH

socket drivers for cross head Phillips® screws



PH	Ø	L	L1		
	mm	mm	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

900ME

socket drivers for hexagon screws



	Ø	L	L1		
mm	mm	mm	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

900PT

socket drivers for 5-star head screws



	Ø	L	L1		
	mm	mm	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

socket drivers for Torx® head screws



	Ø	L	L1		
	mm	mm	mm		
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

14"



900TX/SB8
T9-T10-T15-T20
T25-T27-T30-T40

900/16

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

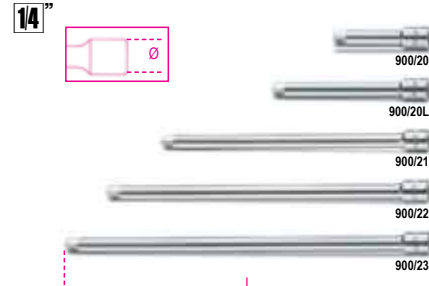


UNI/ISO 3316 DIN 3123

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

900/...

1/4" female and male drive extension bars

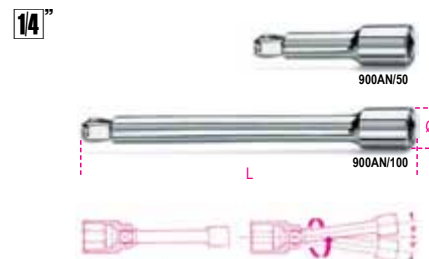


UNI/ISO 3316 DIN 3123

	L	Ø		
	mm	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	Ø		
	mm	mm		
900AN/50	50	11,5	3	009000825
900AN/100	100	11,5	3	009000826

900FL

1/4" flexible universal extension bar



L	Ø
mm	mm
150	12

3 009000828

900/25

1/4" drive universal joint



UNI/ISO 3316 DIN 3123

L	Ø
mm	mm
41	12,5

5 009000830

900BG/30C

1/4" drive spinner handle



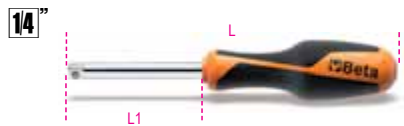
UNI/ISO 3315 DIN 3122

L	L1
mm	mm
128	20

5 009000833

900BG/30

1/4" drive spinner handle



UNI/ISO 3315 DIN 3122

L	L1
mm	mm
176	68

5 009000834

900/32

1/4" drive flexible handle



L	L1
mm	mm
280	154

2 009000839

900/35A

1/4" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1
mm	mm
148	84

5 009000840

900M/35

1/4" swivel drive with metal handle



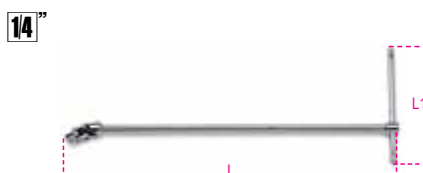
UNI/ISO 3315
DIN 3122

L
mm
130

3 009000845

900/40

1/4" drive swivel T-handle

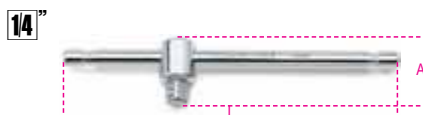


L	L1
mm	mm
390	145

3 009000843

900/42

1/4" drive sliding T-handle



UNI/ISO 3315 DIN 3122

L	A
mm	mm
115	22

5 009000854

900T/44

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



L	L1
mm	mm
238	105

2 009000860

900/55

1/4" drive reversible ratchet, 48 teeth



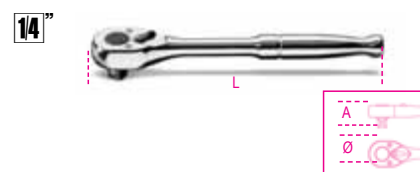
UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
125	25	18

5 009000870

900M/55

1/4" drive reversible ratchet with metal handle



UNI/ISO 3315
DIN 3122

L	Ø	A
mm	mm	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	Ø	A
mm	mm	mm
126	28	28,5

2 009000884

900/C39

11 hexagon sockets, 21 bits and 7 accessories



900/C39 1 009000937

	● 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 mm
	900/25	
	900BG/30C	
	⊕ 900/55	
	892/0	
	895/1	

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	
	900/42	
	⊕ 900/55	

270x120x45 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

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



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

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
- 900/30
- 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

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



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
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



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



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
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



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
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



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



mm	Ø	L	Ø1		
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



"	Ø	L	Ø1		
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



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



"	Ø	L	Ø1		
1/4	9,5	28	16,7	5	009100201
5/16	12,1	28	16,7	5	009100202
11/32	13,2	28	16,7	5	009100203
3/8	14,6	29	16,7	5	009100204
7/16	15,8	29	16,7	5	009100205
1/2	18,4	31	17,0	5	009100206
9/16	19,7	32	17,5	5	009100207
19/32	20,9	32	18,0	5	009100208
5/8	22,2	33	18,5	5	009100209
11/16	24,7	34	20,0	5	009100210
3/4	25,8	35	21,0	5	009100211
13/16	28,2	36	23,0	5	009100212
7/8	29,7	37	24,0	5	009100213



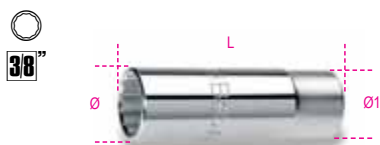
910AS/SB13

1/4-5/16-11/32-3/8-7/16
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	2
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
1/4-5/16-3/8-7/16
1/2-9/16-19/32-5/8-11/16
3/4-13/16-7/8
1 009100365

910AS/SN

swivel end bi-hex hand sockets

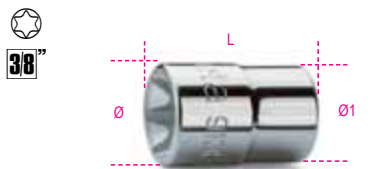


* SAE AS 954E

"	Ø mm	L mm	Ø1 mm	1	2
* 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	1	2	
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
E12	14,5	26	17,3	5	009100412
E14	15,8	26	17,3	5	009100414
E16	18,0	26	17,3	5	009100416



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

910FTX/L

hand sockets for Torx® head screws,
long series



Ø mm	L mm	Ø1 mm	1	2	
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
E4-E5-E6
E7-E8-E10
1 009100449

910LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm	1	2
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	2
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

910PE

socket drivers for hexagon screws



DIN 7422

mm	Ø mm	L mm	L1 mm	1	2
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
10	18,5	50	20	5	009100500



910PE/SB7
3-4-5-6-7-8-10 mm
1 009100503

910BP

ball head socket drivers
for hexagon screws



mm	L mm	L1 mm	1	2
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

910ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	1	2
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



910ME/SB5
4-5-6-8-10 mm
1 009100515

910PT

socket drivers for 5-star head screws



	∅ mm	L mm	L1 mm		
PT40	20	50	20	3	009100540
PT45	20	50	20	3	009100545
PT50	20	50	20	3	009100550



3/8"

910PT/SB8

PT10-PT15-PT20-PT25
PT30-PT40-PT45-PT50

1 009100558

910TX

socket drivers for Torx® head screws



	∅ 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



910TX/SB6

T15-T20-T25
T27-T30-T40

1 009100530

910CF

3/8" square drive crowfoot wrenches



∅ 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
10-11-12-13-14-15
16-17-18-19 mm

1 009100147

910/15

adaptor, 3/8" female
and 1/4" male drivers



UNI/ISO 3316 DIN 3123

L mm	∅ 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

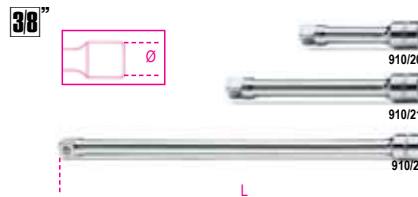


UNI/ISO 3316 DIN 3123

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

910/20 - 910/21 - 910/22

3/8" drive extension bars

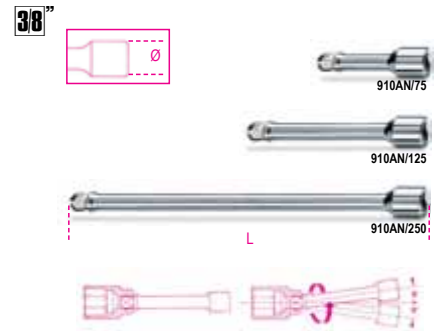


UNI/ISO 3316 DIN 3123

	L mm	∅ 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	∅ 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	∅ 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

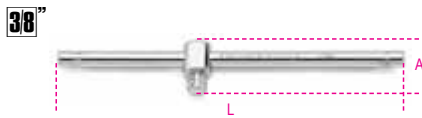
3/8" drive swivel T-handle



L mm	L1 mm		
420	175	3	009100850

910/42

3/8" drive sliding T-handle

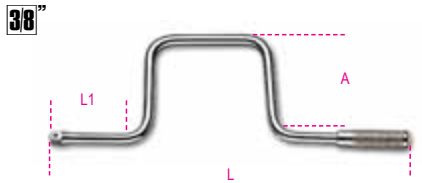


UNI/ISO 3315 DIN 3122

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



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	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm		1 009100909
910/21	125 mm		
910/55			

270x120x45 mm - 1,3 kg

910B/C10	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm		1 009100910
910/21	125 mm		
910/55			

910A/C16...

16 hexagon sockets and 5 accessories



910A/C16	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm		1 009100936
910/21	125 mm		
910/22	250 mm		
910/25			
910/42			
910/55			

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

910A/C16Q	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm		1 009100932
910/21	125 mm		
910/22	250 mm		
910/25			
910/42			
910/55Q			

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

Beta

910B/C16...

16 bi-hex sockets and 5 accessories

38"



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

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

910A/C17

17 hexagon sockets and 9 accessories

38"



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

38"



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

38"



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

38"



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

38"



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	
	910/58	

≡ 335x145x60 mm - 2,4 kg

920A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
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



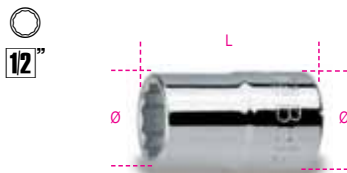
920A/SB13
10-11-12-13-14-15-16
17-18-19-20-21-22 mm



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

920B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
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

mm	Ø	L	Ø1		
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
10-11-12-13-14-15-16
17-18-19-20-21-22 mm



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

920AL

hexagon hand sockets,
long series



UNI/ISO 2725 DIN 3124

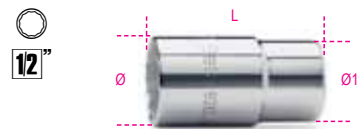
mm	Ø	L	Ø1		
10	14,7	77	21	5	009200626
12	17,8	77	21	5	009200627
13	19,0	77	22	5	009200628
14	20,3	77	22	5	009200629
15	21,5	77	22	5	009200630
16	22,8	77	22	5	009200631
17	24,0	77	23	5	009200632
18	25,0	77	24	5	009200633
19	26,5	77	25	5	009200634
21	29,0	77	27	5	009200635
22	30,0	77	28	5	009200636
23	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
10-12-13-14-15-16
17-18-19-21-22 mm

920BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

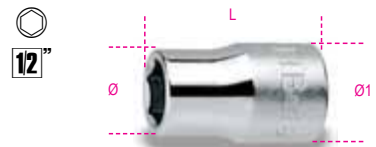
mm	Ø	L	Ø1		
10	14,7	77	21	5	009200310
12	17,8	77	21	5	009200312
13	19,0	77	22	5	009200313
14	20,3	77	22	5	009200314
15	21,5	77	22	5	009200315
16	22,8	77	22	5	009200316
17	24,0	77	23	5	009200317
18	25,0	77	24	5	009200318
19	26,5	77	25	5	009200319
21	29,0	77	27	5	009200321
22	30,0	77	28	5	009200322
23	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
10-12-13-14-15-16-17-18
19-21-22 mm

920A/AS

hexagon hand sockets



"	Ø	L	Ø1		
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
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

3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

1 009200225

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



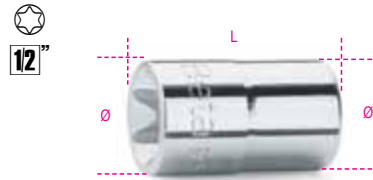
920ASL/SB11

1/2-9/16-5/8-11/16
3/4-13/16-7/8-15/16
1-1.1/8-1.1/16

1 009200369

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

E10-E12-E14
E16-E18-E20

1 009200390



920FTX/C8

E10-E12-E14-E16
E18-E20-E22-E24

1 009200391

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

E10-E12-E14
E16-E18-E20

1 009200409

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

920LH/SB7

socket drivers for cross head
Phillips® screws



920LH/SB7

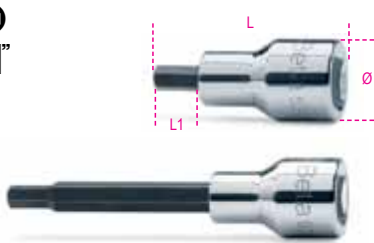
920LP 1,2x6,5 - 1,2x8
1,6x9 - 2x12 mm
920PH PH2 - PH3 - PH4

1 009200478

920PE

socket drivers for hexagon screws

12"



DIN 7422

mm	Ø mm	L mm	L1 mm	1	2
3	22,5	58	20	5	009200410
4	22,5	58	20	5	009200412
5	22,5	58	20	5	009200414
5L	22,5	100	62	5	009200415
6	22,5	58	20	5	009200417
6L	22,5	100	62	5	009200418
7	22,5	58	20	5	009200420
7L	22,5	100	62	5	009200421
8	22,5	58	20	5	009200423
8L	22,5	100	62	5	009200424
9	22,5	58	20	5	009200425
9L	22,5	140	102	5	009200426
10	22,5	58	20	5	009200428
10L	22,5	140	102	5	009200429
12	23,0	58	20	5	009200432
12L	22,5	140	102	5	009200433
14	23,0	58	20	5	009200434
14L	22,5	140	102	5	009200435
17	29,5	60	22	5	009200437
19	29,5	60	22	5	009200439

12"



920PE/SB9
4-5-6-8-10 mm
5L-6L-8L-10L mm

12"



920PE/C10
4-5-6-7-8-10
12-14-17-19 mm

270X120X45 mm - 1,5 kg

920PE/AS

socket drivers for hexagon screws

12"

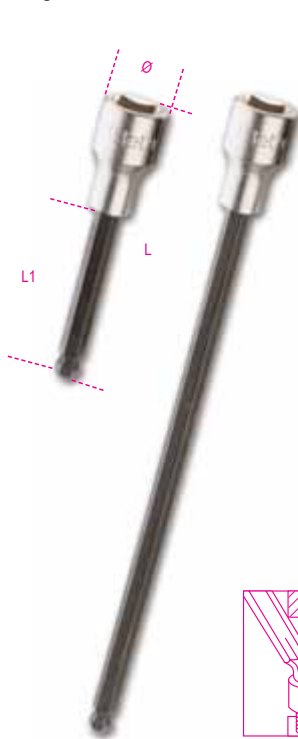


"	Ø mm	L mm	L1 mm	1	2
1/8	22,5	58	20	2	009200460
3/16	22,5	58	20	2	009200461
1/4	22,5	58	20	2	009200463
3/8	22,5	58	20	2	009200464
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468

920BP

ball head socket drivers
for hexagon screws

12"



mm	Ø mm	L mm	L1 mm	1	2
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

12"



920BP/SB8
5L-6L-7L-8L-10L mm
5XL-6XL-8XL mm

920ME

socket drivers for hexagon screws

12"



mm	Ø mm	L mm	L1 mm	1	2
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

12"



920ME/SB7
5-6-8-10-12-14-17 mm

12"



920ME/C7
5-6-8-10-12-14-17 mm
250X100X35 mm - 1,4 kg

920TX

socket drivers for Torx® head screws

12"



"	Ø mm	L mm	L1 mm	1	2
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

12"



920TX-SB9
T20-T25-T27-T30
T40-T45-T50-T55-T60



920TX-L/SB10
T20L-T25L-T27L-T30L-T40L-
T45L-T50L-T55L-T60L-T70L

12"



920TX/C9
T20-T25-T27-T30-T40
T45-T50-T55-T60
270X120X45 mm - 1,2 kg

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"

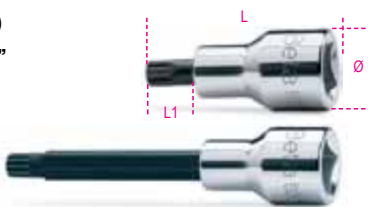


920RTX/SB5
T20-T25-T27-T30-T40

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
M4-M5-M6-M8
M10-M12-M14

12"



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

12"



920XZN-L/S5
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
7-9-10-11-12L-14L-16L

12"



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

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"



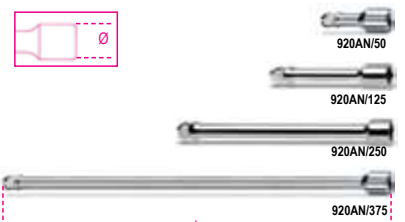
UNI/ISO 3316 DIN 3123

	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	Ø		
mm	mm		
75	27	5	009200830

920/35A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1		
mm	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	L1		
mm	mm		
408	283	2	009200847

920/38

1/2" extension drive swivel handle



L	L max		
mm	mm		
262	402	1	009200839

920/40

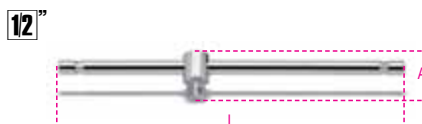
1/2" drive swivel T-handle



L	L1		
mm	mm		
490	230	2	009200850

920/42

1/2" drive sliding T handle



L	A		
mm	mm		
305	42	5	009200854

920/44

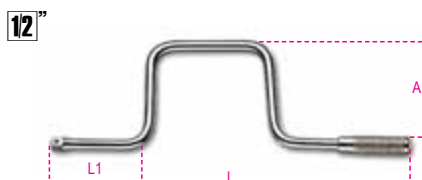
1/2" drive offset handle



L	L1		
mm	mm		
230	60	3	009200858

920/46

1/2" drive with speed brace



L	L1	A		
mm	mm	mm		
385	110	160	1	009200862

920/50

1/2" push-through drive ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A		
mm	mm	mm		
275	40	42	3	009200871

920/50F

1/2" female square drive ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A		
mm	mm	mm		
275	40	27	2	009200889

920/55

1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A		
mm	mm	mm		
275	40	43	3	009200882

920/55Q

1/2" drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A		
mm	mm	mm		
275	40	43	3	009200885

920/55X

1/2" drive reversible ratchet, 72 teeth

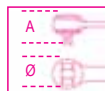


UNI/ISO 3315 DIN 3122

L	Ø	A		
mm	mm	mm		
200	30	33	3	009200895

920/55LC

1/2" drive reversible ratchet
"Locking System", 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A		
mm	mm	mm		
275	40	43	2	009200896

920/55L

extension reversible ratchet,
1/2" male drive,
72 tooth mechanism



L	L max	Ø	A		
mm	mm	mm	mm		
282	422	40	43	1	009200927

920M/55

1/2" drive reversible ratchet
with metal handle



L	Ø	A		
mm	mm	mm		
253	38	35	1	009200893

920/56A

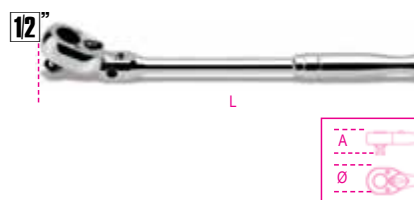
1/2" drive swivel reversible ratchet,
72 teeth



L	Ø	A		
mm	mm	mm		
315	40	43	1	009200911

920M/56

1/2" drive reversible swivel ratchet
with metal handle



L	Ø	A		
mm	mm	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	Ø	A		
mm	mm	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
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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
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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
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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	









920A/C12	1	009200931
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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	

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

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







920.../C20...

20 sockets and 5 accessories






12"




920A/C20X 1 009200950

-  **920A** 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 26 - 27 - 28 - 30 - 32 mm
 -  **920/21** 125 mm
 -  **920/22** 255 mm
 -  **920/25**
 -  **920/42**
 -  **920/55**
-  420x185x60 mm -  5,1 kg



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









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

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

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

920.../C21...

21 sockets and 6 accessories

12"












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

12"



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

12"



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

920/C37

37 bi-hex sockets and 5 accessories

12"



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

12"



920AS/C10

1 009200919

 ○ 920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 11/16 - 3/4 - 13/16 - 7/8 - 15/16
 920/22	255 mm
 920/50	

335x145x60 mm - 2,6 kg

920AS/C15

15 bi-hex sockets and 6 accessories

12"



920AS/C15

1 009200947

 ○ 920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 3/4 - 13/16 - 7/8 - 15/16 - 1 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/46	
 920/50	

420x280x60 mm - 5,9 kg

920AS/C17X

17 bi-hex sockets and 5 accessories

12"



920AS/C17X 1 009200942

	○ 920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 11/16 - 3/4 - 25/32 - 13/16 - 7/8 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	
	420x185x60 mm	4,8 kg

920AS/MBM-C21

16 bi-hex sockets and 5 accessories
for aeronautical maintenance

12"



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



12"



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

12"



920A/C17HR 1 009200939

	○ 920A	10-11-12-13-14-15-16-17-18-19-20- 21-22-24-27-30-32 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/58	
	420x185x60 mm	5,1 kg

928A

hexagon hand sockets



3/4"



UNI/ISO 2725
DIN 3124

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
19	29,2	50	34	5	009280019
22	31,3	53	34	5	009280022
23	33,3	53	34	5	009280023
24	34,5	53	34	5	009280024
26	36,8	55	35	5	009280026
27	38,0	56	35	5	009280027
28	39,0	57	35	3	009280028
29	40,2	58	35	3	009280029
30	41,5	58	37	3	009280030
32	44,3	60	37	3	009280032
33	45,8	60	37	3	009280033
34	46,8	60	37	3	009280034
35	48,1	62	38	3	009280035
36	49,5	64	38	3	009280036
38	52,0	68	40	3	009280038
41	56,0	71	40	3	009280041
46	62,3	75	43	3	009280046
50	67,4	80	43	3	009280050
55	73,7	84	48	1	009280055
60	80,0	87	48	1	009280060

928B

bi-hex hand sockets



3/4"

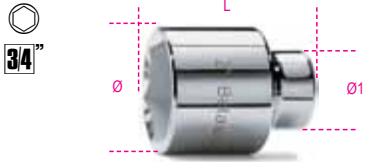


UNI/ISO 2725
DIN 3124

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
19	29,2	50	34	5	009280119
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



"	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



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



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



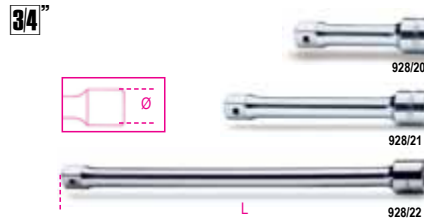
UNI/ISO 3316

DIN 3123

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

928/20 - 928/21 - 928/22

3/4" drive extension bars



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



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
108	40	1	009280830

928/36A

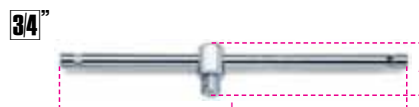
3/4" drive swivel handle



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



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	
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	
928/55	

530x220x80 mm - 13,5 kg

Beta

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	
928/55	

530x220x80 mm - 13,5 kg

929

hexagon hand sockets

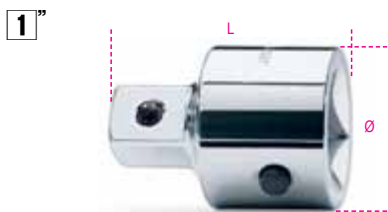


UNI/ISO 2725 DIN 3124

Ø1 mm	Ø mm	L mm	Ø1 mm	
36	49,5	65	48	1 009290036
41	56,0	70	48	1 009290041
46	62,0	75	48	1 009290046
50	67,5	80	48	1 009290050
55	74,0	85	54	1 009290055
60	80,0	90	54	1 009290060
65	86,0	95	54	1 009290065
70	92,0	100	60	1 009290070
75	99,0	110	60	1 009290075
80	106,0	120	60	1 009290080

929/15

adaptor, 1" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

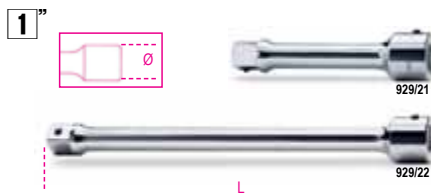
L mm	Ø mm	□	■	
65	47	1"	3/4"	2 009290801



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/C8

8 hexagon sockets and 5 accessories



929/C8 1 009290925

929	46 - 50 - 55 - 60 - 65 70 - 75 - 80 mm □ 1" - ■ 3/4"
929/15	
929/21	200 mm
929/22	400 mm
929/42	
929/55	

560x290x12 mm - 29 kg

900/R55



900/R55 900/55 1 009000871

900M/R55



900M/R55 900M/55 1 009000888

910/R55



910/R55 606/6-606/10-612
666/6-666/10-910/55
599DGT/6 1 009100879

910M/R55



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

910/R55Q



910/R55Q 910/55Q 1 009100877

910/R55X



910/R55X 666N/2X 1 009100897

920/R50



920/R50
614/50-667/20-667/30
920/50

1 009200866

920/R55



920/R55
606/20-606/30-666/20-666/30
920/55-920/56A- 599DGT/20-599DGT/30

1 009200879

920M/R55



920M/R55
920M/55-920M/56

1 009200888

920/R55Q



920/R55Q
920/55Q

1 009200877

920/R55X



920/R55X
606/10X-612X
666/10X-920/55X-599DGT/10X

1 009200878

920/R55LC



920/R55LC
920/55LC "Locking System"

1 009200887

928/R55



928/R55
928/55

1 009280859

928/R55X



928/R55X
614X

1 009280858

929/R55



929/R55
929/55

1 009290859

930

double ended bi-hex tubular socket wrenches,
heavy series



UNI 6745

mm	L	Ø	Ø1	
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

6x7-8x9-10x11
12x13-14x15-16x17
18x19-20x22 mm

940/1 - /2

1 009300081

930/S13

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

940/1 - /2 - /3

1 009300083



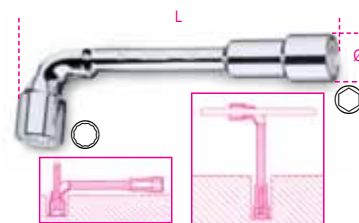
930/C13

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

1 009300098

932

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



NF E 74.303

mm	Ø	L	
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

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

932/S17

6-7-8-9-10-11-12
13-14-15-16-17

18-19-20-21-22 mm

932/S25

6-7-8-9-10-11-12-13
14-15-16-17-18-19

20-21-22-23-24-25

26-27-28-30-32 mm

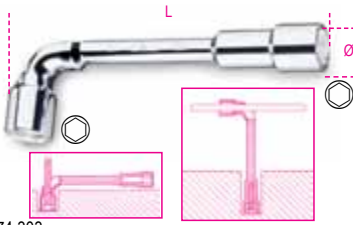
1 009320080

1 009320081

1 009320082

933

double ended offset hexagon socket wrenches, bright chrome-plated



NF E 74.303

Ø mm	Ø mm	L mm	1	1
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	1
6-7-8-10-11-12 13-14-17-19-22 mm	5	009330080
933/S17	1	009330081
6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	5	009330082
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	5	009330082

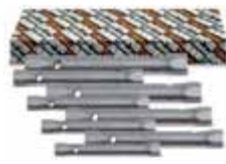
935

double ended hexagon tubular socket wrenches, light series



UNI 6746 DIN 896

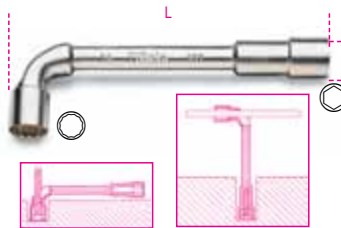
Ø mm	L mm	5	5
6x7	100	5	009350105
8x9	110	5	009350111
10x11	120	5	009350115
12x13	130	5	009350117
14x15	140	5	009350126
16x17	150	5	009350128
18x19	160	5	009350131
20x22	170	3	009350138
21x23	180	3	009350141
24x26	190	3	009350144
25x28	200	2	009350150
27x29	210	2	009350153
30x32	220	2	009350156



935/S8	1	1
6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22 mm	5	009350181
940/1 - /2	1	009350183
935/S13	5	009350183
6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22-21x23 24x26-25x28-27x29 30x32 mm	5	009350183
940/1 - /2 - /3		

937

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



Ø mm	Ø mm	L mm	5	5
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	1	1
6-7-8-10-11-12 13-14-17-19-22 mm	5	009370080
937/S17	1	009370081
6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	5	009370082

940

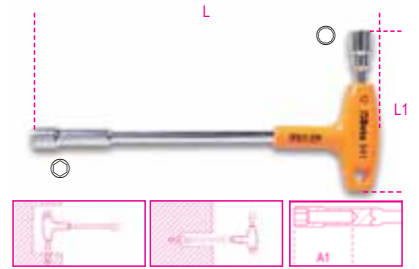
tommy bars for tubular wrenches items 930 and 935



940/1	6+13 mm	L mm	5	5
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



Ø mm	L mm	L1 mm	A1 mm	5	5
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	1	1
7-8-9-10-11-12-13 mm	5	009410170

942BX

hi-torque hexagon nut spinners short series



UNI 6750	L mm	L1 mm	A1 mm	5	5
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

Ø 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
4-5-5,5-6-7-8-9
10-11-12-13-14 mm

1 009430030



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

1 009430026



943FL

flexible hexagon nut spinners
with handles



Ø 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
5-5,5-6-7-8-10 mm

1 009430320

944BX

deep, hi-torque hexagon nut spinners
long series



ISO 2236 UNI 6750

Ø 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
4-5-5,5-6-7-8-9
10-11-12-13-14 mm

1 009440062

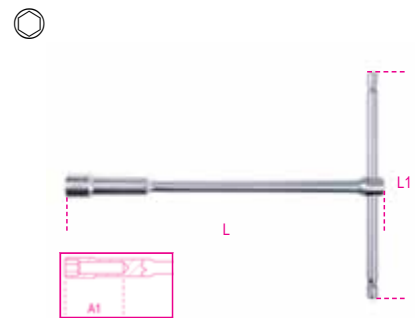


944BX/D6
5-6-7-8-10-13 mm

1 009440056

949

deep T-handle socket wrenches



Ø 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



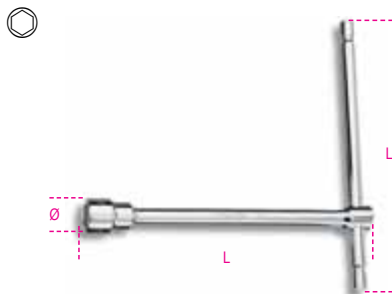
949/S6
8-10-12-13-14-17mm

1 009490076



950

T-handle hexagon socket wrenches



UNI 6742 DIN 3112

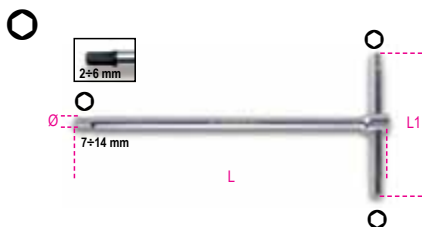
mm	L mm	Ø mm	L1 mm	1	2
6	210	10,1	145	3	009500006
7	212	11,2	145	3	009500007
8	220	12,4	160	3	009500008
9	223	13,5	160	3	009500009
10	230	14,9	160	3	009500010
11	233	16,1	160	3	009500011
12	240	17,5	175	3	009500012
13	244	19,7	175	3	009500013
14	250	20,1	190	3	009500014
15	254	21,5	190	3	009500015
16	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



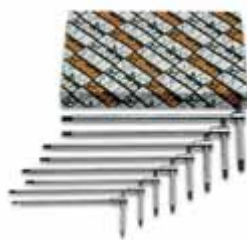
950/S9	7-8-10-11-12	1	009500079
	13-14-17-19 mm		
950/S14	6-7-8-9-10-11-12-13	1	009500082
	14-15-16-17-19-22 mm		

951

T-handle wrenches with three hexagon male ends



mm	L mm	L1 mm	Ø mm	1	2
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



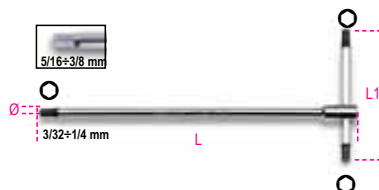
951/S6	2,5-3-4-5-6-8 mm	1	009510687
951/S8	2-2,5-3-3,5-4-4,5-5-6 mm	1	009510693
951/S14	2-2,5-3-3,5-4-4,5-5-6-7-8-9-10-12-14 mm	1	009510695



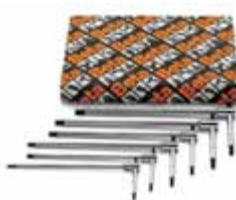
951/SP6	3-4-5-6-8-10 mm	1	009510696
951/SPV		1	009510697

951AS

T-handle wrenches with three hexagon male ends



"	L mm	L1 mm	Ø mm	1	2
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



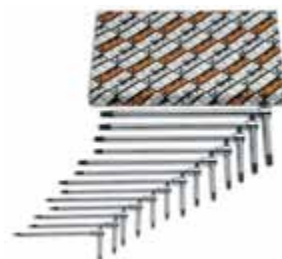
951AS/S6X	1/8-3/16-7/32-1/4-5/16-3/8	1	009510771
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951TX

T-handle wrenches with three male ends for Torx® head screws



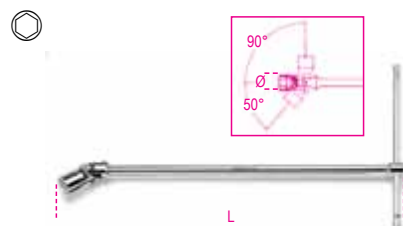
	L mm	L1 mm	Ø mm	1	2
T6	125	63	4	3	009510806
T7	125	63	4	3	009510807
T8	125	63	4	3	009510808
T9	125	63	4	3	009510809
T10	150	63	4	3	009510810
T15	150	63	4	3	009510815
T20	175	76	5	3	009510820
T25	175	76	5	3	009510825
T27	195	87	6	3	009510827
T30	195	87	6	3	009510830
T40	215	99	7	3	009510840
T45	230	109	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



UNI 6743

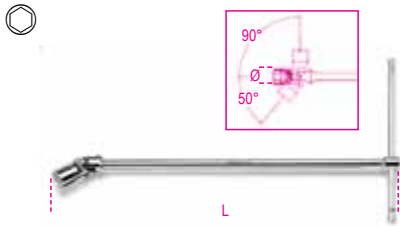
mm	Ø mm	L mm	1	2
6	9,5	395	5	009520006
7	10,7	395	5	009520007
8	12,1	395	5	009520008
9	13,2	395	5	009520009
10	14,6	400	5	009520010
11	15,8	400	5	009520011
12	17,0	400	5	009520012
13	18,7	432	5	009520013
14	19,7	432	5	009520014
15	20,9	450	3	009520015
16	22,0	450	3	009520016
17	23,4	450	3	009520017
18	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

952AS

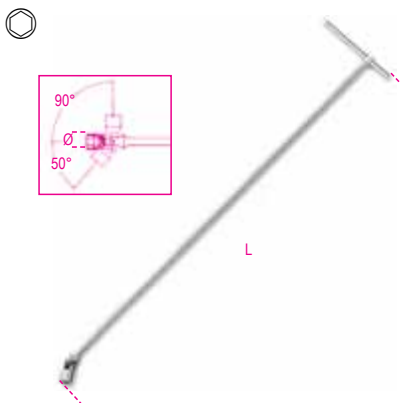
T-handle wrenches with swivelling hexagon sockets



⌀"	⌀ 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

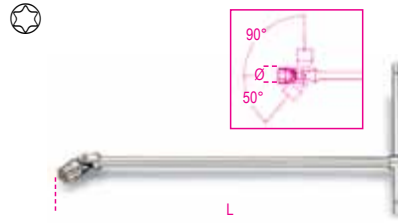
T-handle wrenches with swivelling hexagon sockets, long series



⌀ mm	⌀ 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



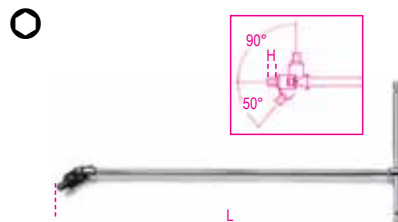
⌀	⌀ mm	L mm		
E6	8	392	2	009520106
E7	9	392	2	009520107
E8	10	395	2	009520108
E10	13	400	2	009520110
E12	15	440	2	009520112
E14	17	490	2	009520114
E16	19	490	2	009520116
E18	21	490	2	009520118
E20	23	490	2	009520120



952FTX/S9 E6-E7-E8-E10-E12 E14-E16-E18-E20	1	009520141
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953

T-handle wrenches with swivelling hexagon male ends



UNI 6754

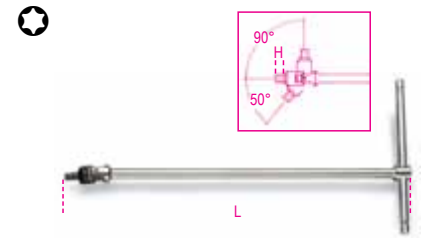
mm	H mm	L mm		
3	5	395	5	009530130
3,5	6	395	3	009530135
4	6	395	5	009530140
4,5	7	395	3	009530145
5	7	395	5	009530150
6	9	400	5	009530160
7	10	425	3	009530170
8	11	425	5	009530180
10	13	440	5	009530200



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



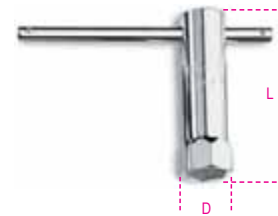
⌀	H mm	L mm		
T20	11	396	2	009530020
T25	11	396	2	009530025
T27	11	396	2	009530027
T30	13	400	2	009530030
T40	13	400	2	009530040
T45	13	426	2	009530045
T50	14	442	2	009530050
T55	14	442	2	009530055



953TX/S8 T20-T25-T27-T30 T40-T45-T50-T55	1	009530060
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955

tubular spark-plug wrench
chrome-plated, hexagon end



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

956C

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



ISO 11168

⌀ mm -"	⌀ mm	L mm		
14	18,8	70	3	009560008
9/16				
16	21,4	70	3	009560010
5/8				
17,8	23,6	70	3	009560011
11/16				
20,8	27,0	70	3	009560012
13/16				

956E

3/8" square drive spark plug sockets
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm	
14	18,8	70	3 009560018
9/16			
16	21,4	70	3 009560020
5/8			
17,8	23,6	70	3 009560021
11/16			
20,8	27,0	70	3 009560022
13/16			

956F

3/8" square drive spark plug sockets



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

956L

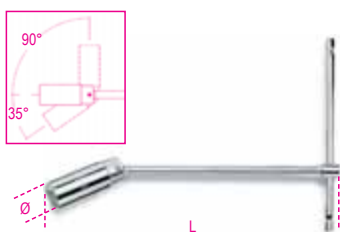
1/2" square drive spark plug sockets,
bi-hex ends, long series



mm -"	Ø mm	L mm	
14	20,2	250	2 009560214
9/16			
16	24,0	250	2 009560216
5/8			
17,8	24,0	250	2 009560217
11/16			
20,8	28,5	250	2 009560221
13/16			

957

T-handle spark plug wrenches
with swivelling sockets

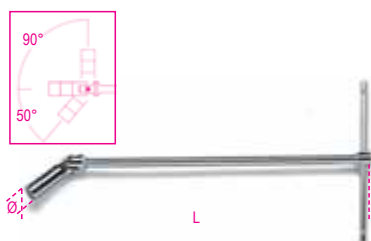


ISO 11168

mm -"	Ø mm	L mm	
16	21,4	275	3 009570000
5/8			
20,8	27,0	275	3 009570001
13/16			

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

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

960

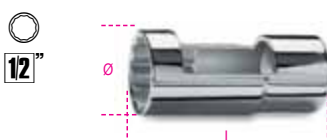
1/2" square drive socket
for Diesel engine injectors



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

960BT

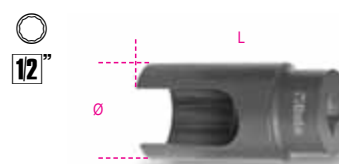
sockets for injector electrical connections



mm	Ø mm	L mm	
25	37,0	78	1 009600125
27	39,7	78	1 009600127
29	42,0	78	1 009600129
30	43,0	78	1 009600130

960BT/B

sockets for injector electrical connections



mm	Ø mm	L mm	
29	38,5	77	1 009600128

960F

socket for nozzle holder ring nuts



mm	Ø mm	Ø1 mm	Ø2 mm	L mm	
28,3	22	32	22		1 009600148

960G

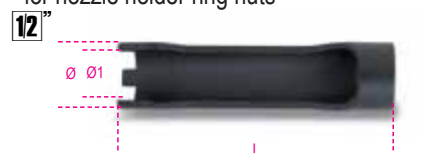
socket for Diesel engine injectors
of Mercedes-Benz trucks



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

960L

socket
for nozzle holder ring nuts



mm	Ø mm	Ø1 mm	L mm	
30	22		122	1 009600153

960M

socket
for nozzle holder ring nuts

12"



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

960H/C4

set of sockets for nozzle holder ring nuts



960H/C4	1	009600152

960S

1/2" square drive socket
for Diesel engine injectors

12"



Ø mm	Ø mm	L mm	1	009600022
22	30	82		

960SL

sockets for Lambda probes
with 1/2" female square drives

12"



960SL85	Ø mm	2	009600085
○ 22xL= 85 mm	33		
960SL110	Ø mm	2	009600110
○ 22xL= 110 mm	33		

960SN

Diesel engine glow plug wrenches

14"

3/8"



Ø mm	Ø mm	□ mm	L mm	2	009600834
8	12,0	1/4	60		
9	13,3	1/4	60		
10	14,5	3/8	70		
11	15,8	3/8	70		
12	17,0	3/8	70		

960/22EP

double head swivel socket wrench
for Lambda probes

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



L mm	Ø mm	Ø mm	1	009600052
300	22	22		

960AVE

device for testing common rail diesel electrical injectors



960AVE	1	009600245

430x310x50 mm - 2,0 kg

960CMB

instrument for controlling compression
on petrol engines



Bar 4÷17	1	009600250

440x370x100 mm - 2,2 kg

960CMB/R2

spare cards for item 960CMB



960CMB/R2	1	009600252

960CMD

instrument for controlling compression
on Diesel engines



Bar 8÷40	1	009600270

440x370x100 mm - 2,4 kg

960CMD/R1

spare cards for item 960CMD



960CMD/R1	1	009600271

960EPC

Set of tools for removing glow plug electrode



ZONA DI ROTTURA

960EPC	1	009600790

270x230x80 mm - 900 g


Beta


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"



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

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/S

kit for cleaning injector seats

- Kit contents:
- 3 steel brushes, Ø 18, 22, 25 mm, for cleaning injector seats
 - 2 brushes, Ø 14 and 16 mm, for cleaning injector seat bottoms
 - 6 caps for closing hole connecting with combustion chamber
 - 1 brush for cleaning hole connecting with combustion chamber
 - 1 flexible bit holder with handle



960PI/S  1 009600214


 360x140x50 mm -  700 g

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. 400   1 009600200

960AVL

vapour extractor



Bar Max. 6   1 009600210



961D

Digital electronic videoscope with 5.5 mm probe

• Allows individual still images and video clips to be recorded and played back directly on tool



- Probe with head Ø 5.5 mm and length 90 cm
- LCD TFT display, 7" (18 cm), with resolution 800x480
- digital camera with front and side view
- "Cfast"-type probe connection
- image repetition frequency: 15 frames per second
- 2x digital zoom
- micro-USB connector for uploading images
- micro-HDMI video output
- Micro-SD card input
- Micro-USB input
- power supply allows unit to be used while battery is charging
- microphone and speaker for adding and listening to voice annotations while recording/playing back
- Wi-Fi connection



961D   1 009610500

400x340x85 mm - 2,6 kg

961D/CF3,8

1-m probe with 3.8-mm front camera for videoscope item 961D





961D/CF3,8   1 009610511

961D/DC8,5

1-m probe with dual UV camera for videoscope item 961D



961D/DC8,5   1 009610513

961P6



electronic videoscope with flexible probe



- 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

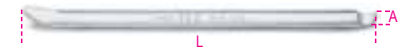
flexible probes, 6 mm



	L mm	A mm		
961P6/S2	2000		1	009610262
961P6/S3	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

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	A	L1	
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



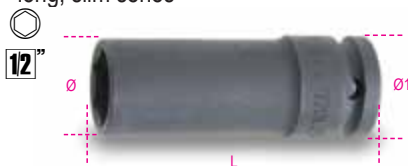
966/C3 1 009660103

L=200-250-300 mm

355x140x65 mm - 1,8 kg

720LS

impact sockets, long, slim series



UNIVISO 2725

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

969B

hub nut locking socket



Ø	Ø	L	
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

12"



969/C5 1 009690201

969B 30-32-34-35-36

970EA

impact sockets for axle nuts



Ø	Ø	
98	36	122

970EB

impact sockets for axle nuts



Ø	Ø	
95	36	126
110	36	133

970Q

impact sockets for rectangular nuts



L	Ø	
56	3/4"	1 009700756
60	3/4"	1 009700760

970B

socket for locking Fiat Daily hub nuts



Ø	Ø	L	
65	88	75	1 009700010

970C

octagonal impact sockets for locking hub nuts



Ø	Ø	
80	41 mm	1 009700808
95	3/4"	1 009700815
100	3/4"	1 009700820
109	41 mm	1 009700829
115	3/4"	1 009700835
120	41 mm	1 009700840

970OT

oval impact sockets for locking trailer hub nuts



L	L1	Ø	
65	61	3/4"	1 009700165
80	73	3/4"	1 009700180
96	90	3/4"	1 009700196
111	104	41 mm	1 009700211

971TSP

tyre pressure sensor tool



SPECIFICATIONS

- reading of TPMS sensor information, including: sensor ID
- inflation pressure
- temperature
- battery state
- sensor activation
- universal sensor programming

The tool has a database which supports repair operations, including:

- driving torques
- codes of original spare parts and compatible universal sensors

971TSP 1 009710025

63x142x30 mm

971/C8

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



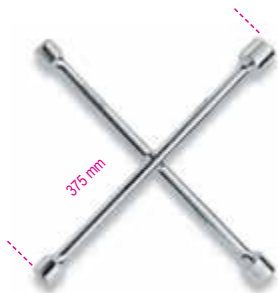
971/C8 1 009710108

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

978 - 979

four-way hexagon wheel nut wrenches

12"



UNI/ISO 6788 DIN 3119

978 2 009780001

17x19x21x22 mm

979 2 009790001

17x19x22x1/2 mm

982

four-way hexagon wheel nut wrench

3/4"



UNI/ISO 6788 DIN 3119

24x27x32x3/4 mm 1 009820001

984

wheel nut plastic cap pliers



L mm **195** H mm **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



985/B7 1 009850007

985M

male guide pins for wheel installation



985M M12X1,25 L mm **150** 1 009850101

985M M12X1,50 L mm **150** 1 009850102

985M M14X1,25 L mm **150** 1 009850103

985M M14X1,50 L mm **150** 1 009850104

985M M16X1,50 L mm **150** 1 009850105

985F

female guide pins for wheel installation



985F M12X1,25 L mm **150** 1 009850106

985F M12X1,50 L mm **150** 1 009850107

986 48

tyre valve screwdriver, short model automatic valve retention



L mm **18** L1 mm **48** 1 009860048

986 78

tyre valve screwdriver automatic valve retention



L mm **18** L1 mm **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 19 L1 mm 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

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/B6

set of 6 spring tweezers, acid and magnetic resistant



999/B6 1 009990050
999-999A-999B
999C-999D-999E

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 160 L1 mm 51,5 5 010080006

1008BM

long flat knurled nose pliers bi-material handles



ISO 5745
L mm 160 L1 mm 51,5 3 010080036

1009

extra-long knurled nose pliers, slip-proof double layer PVC coated handles



L	L1	
mm	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	L1	
mm	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	L1	
mm	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	L1	
mm	mm	
253	45	2 010090010

1009L/D

extra-long, knurled double swivel nose pliers, slip-proof double layer PVC coated handles



L	L1	
mm	mm	
342	71	1 010090058

1009L/DP

curved extra-long knurled double swivel nose pliers, 45°, slip-proof double layer PVC-coated handles



L	L1	
mm	mm	
336	66	1 010090059

1010

long round knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L	L1	
mm	mm	
160	51,5	2 010100006

1010BM

long round knurled nose pliers bi-material handles



ISO 5745

L	L1	
mm	mm	
160	51,5	2 010100036

1031/S4

set of 4 circlip pliers



1031/S4

1032 180	⊙ 19 ÷ 60 mm	
1034 170	⊙ 19 ÷ 60 mm	
1036 175	● 19 ÷ 60 mm	
1038 175	● 19 ÷ 60 mm	

1	010310000
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1032

internal circlip pliers, straight pattern PVC-coated handles



UNI 7914 DIN 5256

L	⊙	
mm	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	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	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



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

330x220x50 mm - 900 g

1044

slip joint pliers overlapping joint
PVC-coated handles

· 9-position model



ISO 8976

L mm	A max mm	L1 mm		
250	48	39	5	010440250

1044F

slip joint pliers
overlapping joint
PVC-coated handles

· 9-position model

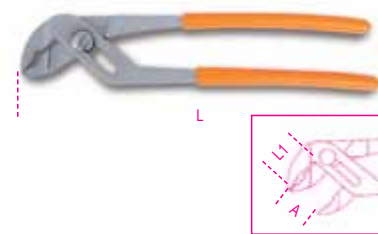


ISO 8976

L mm	A max mm	L1 mm		
250	48	39	5	010440015

1046

slip joint pliers overlapping rack-type joint
PVC-coated handles



ISO 8976

L mm	A max mm	L1 mm		
240	28	33	5	010460240
400	107	55	1	010460400

1047

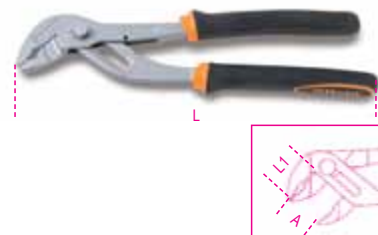
slip joint pliers, push button adjustment



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



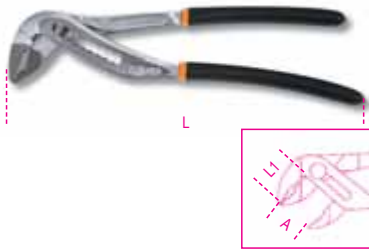
L mm	A max mm	L1 mm		
240	36	35	2	010470340

Beta

1048

Slip joint pliers, boxed joints, slip-proof double layer PVC coated handles

· 9-position model



ISO 8976

L mm	A max mm	L1 mm	
175	30	29	3 010480010
250	48	39	5 010480015
300	56	47	2 010480020

1048BM

slip joint pliers, boxed joint, bimaterial handles

· new 9-position model



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

1048V

slip joint pliers boxed joints, orange lacquered

· new 9-position model



ISO 8976

L mm	A max mm	L1 mm	
175	30	29	3 010480110
250	48	39	5 010480115
300	56	47	2 010480120

1050

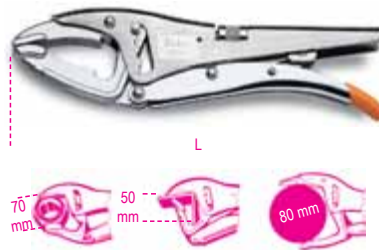
double adjustment self-locking pliers



L mm	
220	2 010500022

1051

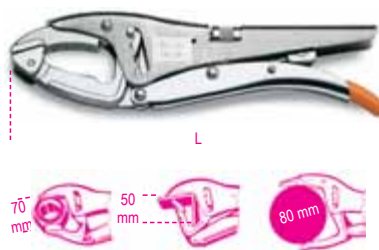
double adjustment self-locking pliers long jaws



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

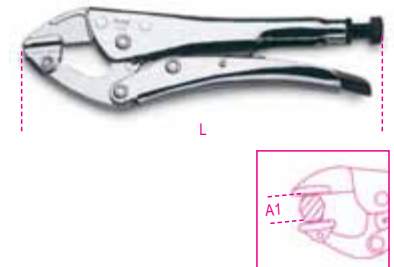
adjustable self-locking pliers, concave jaws



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

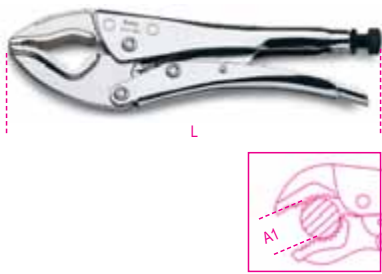


L mm	A1 max mm	
235	40	2 010540022

 **Beta**

1055

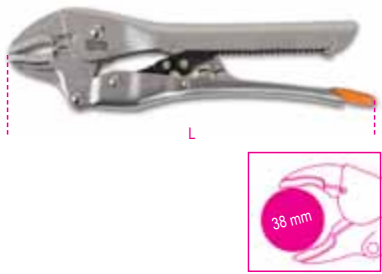
adjustable self-locking pliers,
curved jaws



L mm	A1 max mm		
250	60	2	010550024

1057A

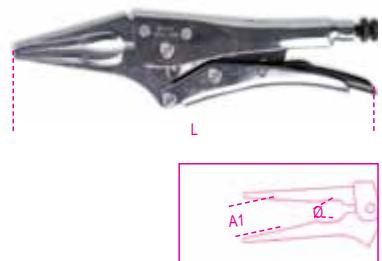
automatic self-locking pliers with adjustable
force



L mm			
240		2	010570124

1058

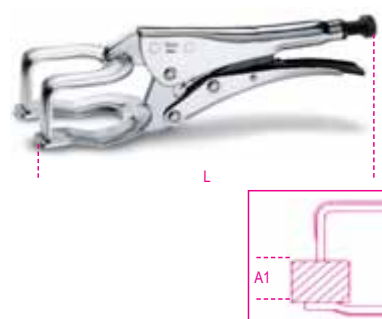
adjustable self-locking pliers,
long jaws



L mm	A1 max mm	Ø max mm		
180	35	22	2	010580018
240	50	35	2	010580024
310	65	40	2	010580031

1060

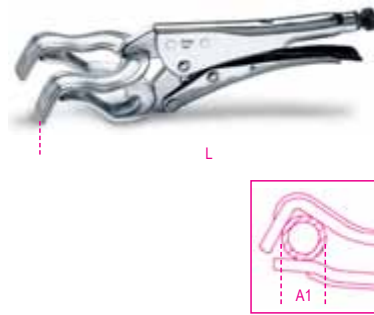
adjustable self-locking pliers,
fork-type jaws



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

1061

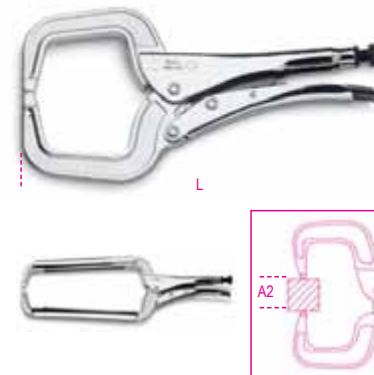
adjustable self-locking pliers,
fork-type jaws



L mm	A1 max mm		
290	80	2	010610028

1062

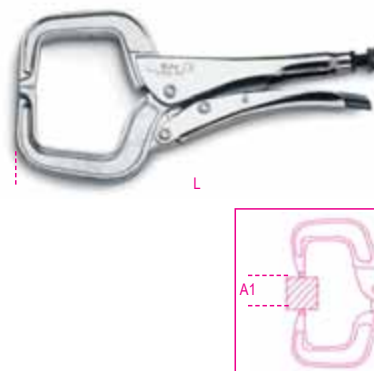
adjustable self-locking pliers
with C-shaped jaws



L mm	A1 max mm		
170	50	2	010620017
290	120	2	010620029
460	250	1	010620046

1062AL

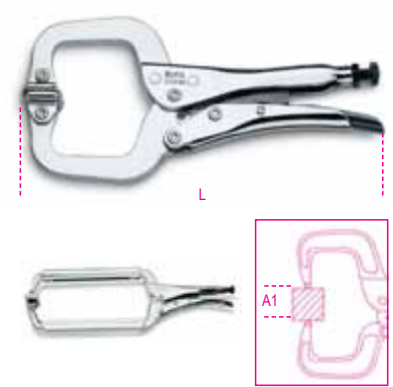
adjustable self-locking pliers,
aluminium C-shaped jaws



L mm	A1 max mm		
290	104	2	010620329

1062GM

adjustable self-locking pliers
with floating C-shaped jaws



L mm	A1 max mm		
170	45	2	010620217
290	88	2	010620229
460	260	1	010620246

1063

adjustable self-locking pliers
for tinsmiths



L mm	A1 max mm		
200	30	2	010630020

1064

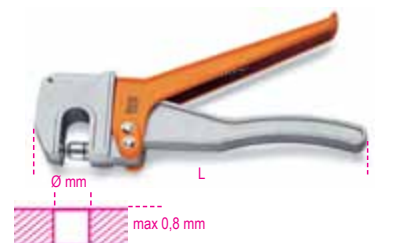
adjustable self-locking pliers with chain



L mm	Ø mm		
240	150	2	010640024

1065F

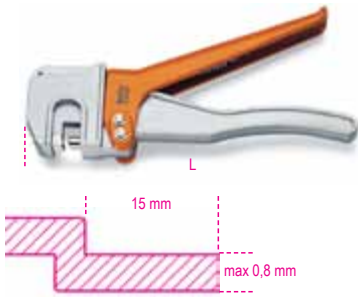
hand punch steel punch and matrix



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

1065P

hand crimper steel matrix



L mm		
228	1	010650020

1077

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



L mm	A mm	L1 mm	
280	60	53	1 010770026

1078

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

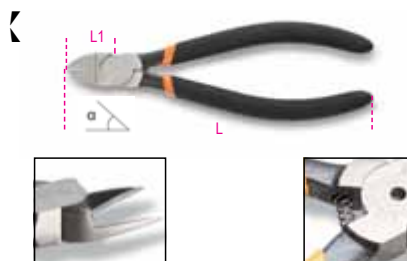


L mm	A mm	L1 mm	
280	60	77	1 010780026

1080D

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

For cutting plastic



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



L mm	L1 mm	
125	16	3 010810130

1082

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



L mm	L1 mm	$\#$ mm	
140	20	1,6	5 010820004
160	22	1,6	5 010820006

1082BM

diagonal cutting nippers, bi-material handles



L mm	L1 mm	$\#$ mm	
140	20	1,6	3 010820034
160	22	1,6	3 010820036

1084

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



L mm	L1 mm	$\#$ mm	
140	20	1,4	5 010840004
160	22	1,6	5 010840006
180	25	1,8	3 010840008
200	28	2,0	3 010840010

1084BM

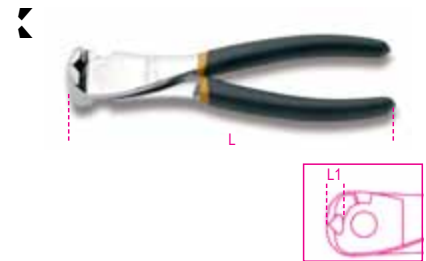
heavy duty diagonal cutting nippers, bi-material handles



L mm	L1 mm	$\#$ mm	
140	20	1,4	3 010840034
160	22	1,6	3 010840036
180	25	1,8	3 010840038
200	28	2,0	3 010840040

1088

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



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

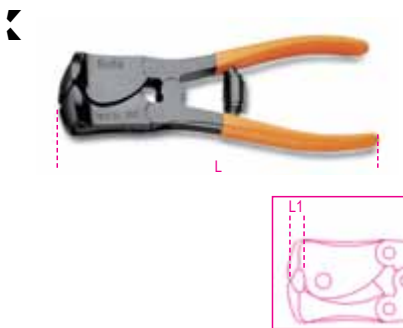


L mm	L1 mm	$\#$ mm	
160	9	1,6	2 010880036
200	11	2,0	2 010880040

Beta

1092V

toggle lever assisted end cutting nippers



UNI/ISO 5748

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

1095N

toggle lever assisted diagonal cutting nippers



L	L1	mm		
mm	mm	mm		
195	26	1,6	2	010950010

1096

carpenter's pincers



ISO 9243

L	L1			
mm	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	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	mm			
220	13	5	010980320	
250	15	5	010980350	
280	18	5	010980380	

1101

bolt cutter phosphatized blades and rubber grip handles



L	L1			
mm	mm			
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	R = 80	R = 140	g	
mm	Kgf=mm ²	Kgf=mm ²		
	Ø mm	Ø mm		
300	5	4	745	
350	6	5	1043	
450	7	6	1537	
600	9	7	2540	
750	11	8	3870	
900	12	9	6170	

1101R

spare blades for item 1101



mm	1101			
300	300	1	011010130	
350	350	1	011010135	
450	450	1	011010145	
600	600	1	011010160	
750	750	1	011010175	
900	900	1	011010190	

1102

bolt cutters, small series

Cutting capacity
R= 80 Kgf/mm²



L	mm			
mm	mm			
230	4	3	011020020	

1104

heavy-duty cutters for flexible steel cables, handles with thermoplastic grips



R=80 Kgf/mm²

L	mm	mm		
mm	mm	mm		
420	12	1	011040004	
600	16	1	011040006	

1104R

spare blades for item 1104



mm				
420		1	011040014	
600		1	011040016	

 **Beta**

 **Beta**

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

1105T30

shank for punches 1105,
3 to 30 mm



L mm	
155	1 011050201

1105T50

shank for punches 1105
2 to 50 mm



L mm	
155	1 011050202

1105AD-50

shank adaptor for item 1105T50



Ø mm	
57	1 011050210

1105/C15T

assortment of 15 punches,
3 to 30 mm



1105C/15T	
	1 011050251

1105	3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 mm
1105T30	
	230x190x50 mm

1105/C29T

assortment of 29 punches,
2 to 50 mm



1105C/29T	
	1 011050252

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	
	325x280x55 mm

1112

tin snips straight wide blades

Cutting capacity
R = $\pm \frac{1}{2}$ 60 Kg/mm²

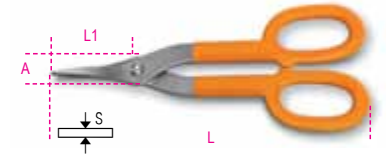


L mm	L1 mm	S mm	A mm	
200	50	0,5	26	2 011120020
250	62	0,8	33	2 011120025
300	76	1,0	37	2 011120030
375	76	1,2	44	1 011120037

1114

tin snips straight narrow blades

R = 60 Kg/mm²



L mm	L1 mm	S mm	A mm	
250	58	0,5	15	1 011140265
350	76	1	22	1 011140340

1118

safety strap cutting shears

Fe = normal steel
Inox = stainless steel



L mm	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

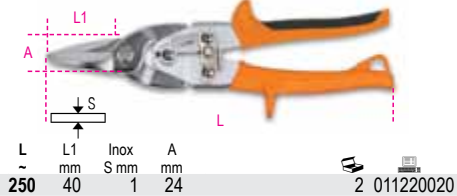


1120ARL	1 011200110
1120ARG	1 011200120

1122

compound leverage shears,
straight blades

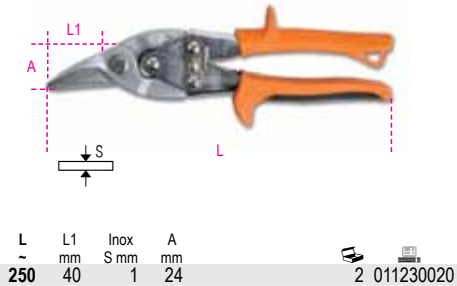
Inox = stainless steel



1123

right cut compound leverage shears,
curved blades

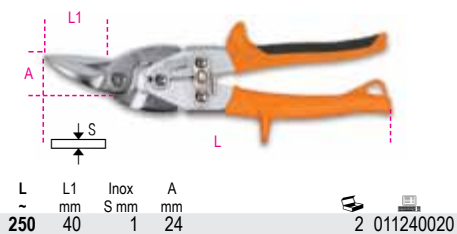
Inox = stainless steel



1124

left cut compound leverage shears,
curved blades

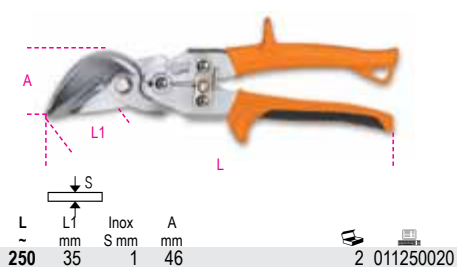
Inox = stainless steel



1125

compound leverage shears
for straight and right cuts

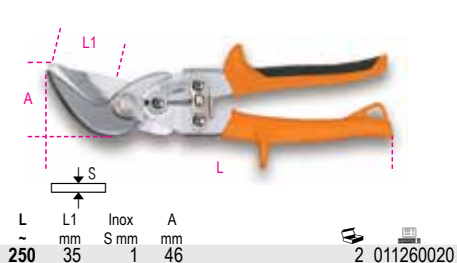
Inox = stainless steel



1126

compound leverage shears
for straight and left cuts

Inox = stainless steel



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	L1		
mm	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
- Patented



L	L1		
mm	mm	mm ²	
150	50	50	5 011280088

1128BCX

electrician's scissors,
straight stainless steel blades,
with microteeth, cable cutting groove and
crimping pliers for tube terminals

tube terminal crimping: 1+4 mm²
in jointed plastic case



L	L1		
mm	mm	mm ²	
155	55	50	5 011280080

1128BMX

electrician's scissors,
straight stainless steel blades,
with microteeth



L	L1		
mm	mm		
145	54	5	011280050

1128BSX

electrician's scissors
with graduated milling profiles with case



L	L1		
mm	mm		
145	50	5	011280060

1128BM

electrician's scissors, straight blades



L	L1		
mm	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			
190	58	1	011300001	

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	mm	mm ²		
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	mm	mm ²		
170	14	50	2	011320137
230	18	95	2	011320143

1133

cable cutter for copper cables, flexible

up to 325 mm²



L mm	mm	mm ²		
600	32	300	1	011330001

1133RL

spare blades for item 1133



1133RL				
			1	011330011

1134

ratchet cable cutters burnished finish, plastic handles



L mm	mm	mm ²		
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	mm ²		
240	45	500	1	011340045

1134A/RL

spare blade for item 1134A



1134A/RL				
			1	011340145

1136

cable cutter for steel cables

Cutting capacity
Ø 5 mm for cable R ≤ 160 Kg/mm²
Ø 4 mm for mild steel bolts



L mm			
165	2	011360001	

1142BM

wire stripping pliers, bi-material handles



UNI 7923

L mm	mm ²	mm		
160	0,5÷6	0-2,8	3	011420036

1143

wire stripping pliers



L mm	mm ²	mm		
165	1÷6	1-3,2	1	011430001

1143R

spare blades for item 1143

1143R				
			1	011430011



1144D

cable stripping tool



L	mm	mm ²	mm		
170	4,5÷240	2,5-18		1	011440010

1144D/RG

spare hook for item 1144D



1144D/RG	1	011440012
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1144D/RL

spare blades for item 1144D



1144D/RL	1	011440011
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1144G

cable stripping tool

with adjustable blade for transverse and longitudinal cuts



L	mm	mm ²	mm		
140	6÷75	2,8-12		1	011440004

1144G/RL

spare blade for item 1144G



1144G/RL	1	011440005
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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	mm ²	mm		
190	0,02÷10	0-4		1	011480100

1148A/R

spare blades for item 1148A



1148A/R	1	011480102
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1148B

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	mm ²	mm		
190	4÷16	2-5		1	011480200

1148B/R

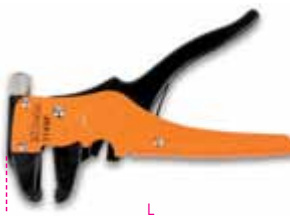
spare blades for item 1148B



1148B/R	1	011480202
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1149F

front wire stripping pliers with cutting blade, self-adjusting



L	mm	mm ²			
175	0,2 ÷ 6		1	011490010	

1150

combination pliers
bright chrome-plated,
slip-proof double layer PVC coated handles



ISO 5746

L	mm	L1	mm	mm		
160	37	1,6		5	011500006	
180	41	1,8		5	011500008	
200	45	2,0		5	011500010	
220	50	2,0		2	011500012	

1150BM

combination pliers bright chrome-plated,
bi-material handles



ISO 5746

L	mm	L1	mm	mm		
160	37	1,6		3	011500036	
180	41	1,8		3	011500038	
200	45	2,0		3	011500040	
220	50	2,0		2	011500042	

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,
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	

1162BM

extra long flat knurled nose pliers
bi-material handles



ISO 5745

L	mm	L1	mm	mm		
160	58	1,6		3	011620036	
200	86	1,6		3	011620040	



1164

extra long bent flat knurled nose pliers,
slip-proof double layer PVC coated handles



ISO 5745

L	L1	⌀		
mm	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	L1	⌀		
mm	mm	mm		
160	54	1,6	3	011640036
200	76	1,6	3	011640040

1166

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



ISO 5745

L	L1	⌀		
mm	mm	mm		
160	56	1,6	5	011660006
200	76	1,6	5	011660010

1166BM

extra long needle knurled nose pliers,
bi-material handles



ISO 5745

L	L1	⌀		
mm	mm	mm		
160	56	1,6	3	011660036
200	76	1,6	3	011660040

1168

extra long bent needle knurled nose pliers,
slip-proof double layer PVC coated handles



ISO 5745

L	L1	⌀		
mm	mm	mm		
160	54	1,6	5	011680006
200	76	1,6	5	011680010

1168BM

extra long bent needle knurled nose pliers,
bi-material handles

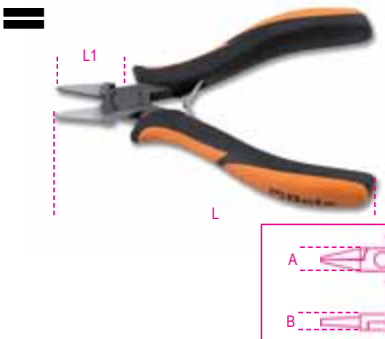


ISO 5745

L	L1	⌀		
mm	mm	mm		
160	54	1,6	3	011680036
200	70	1,6	3	011680040

1171BM

smooth, flat short nose pliers
bi-material handles

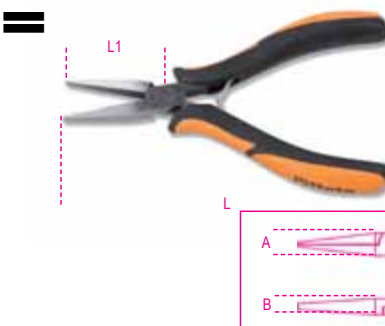


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
125	18	12	8	2	011710101

1172BM

smooth, flat long nose pliers
bi-material handles

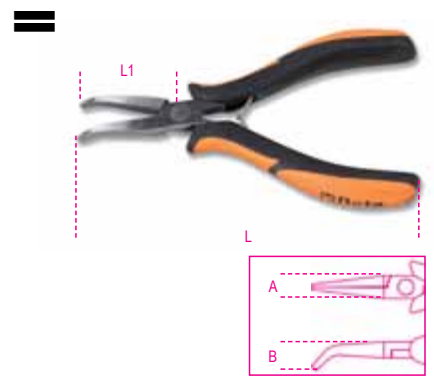


ISO 9655

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

1172BM/P

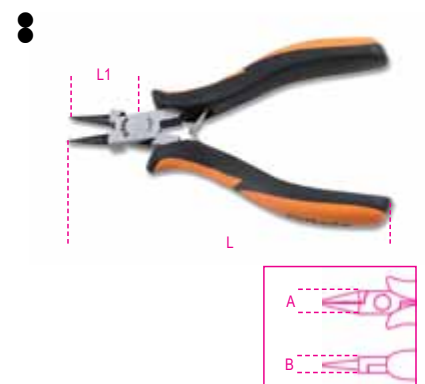
smooth, flat bent long nose pliers
bi-material handles



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

1173BM

round short nose pliers
bi-material handles

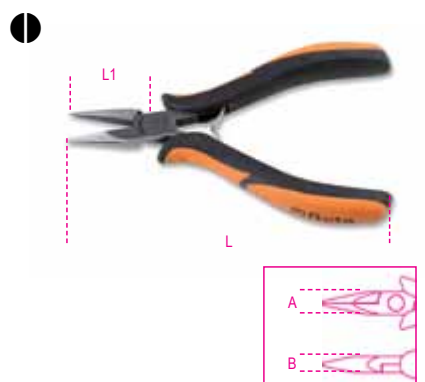


ISO 9655

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

1175BM

smooth half-round short nose pliers
bi-material handles

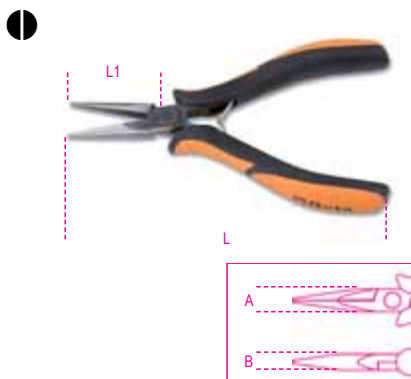


ISO 9655

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

1177BM

smooth half-round long nose pliers
bi-material handles

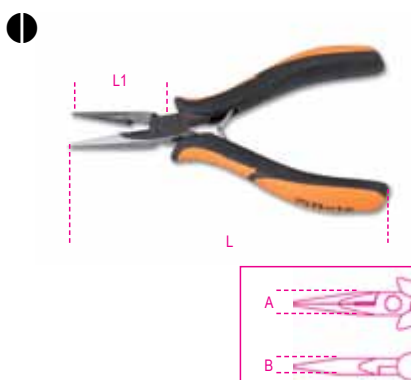


ISO 9655

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

1177BM/Z

half-round long knurled nose pliers
bi-material handles

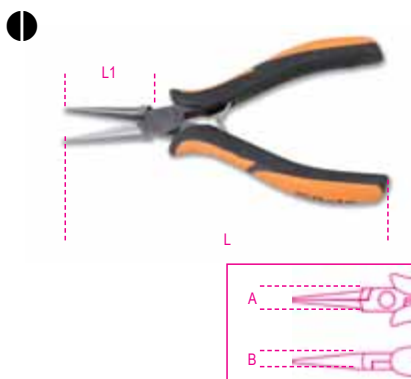


ISO 9655

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

1178BM

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

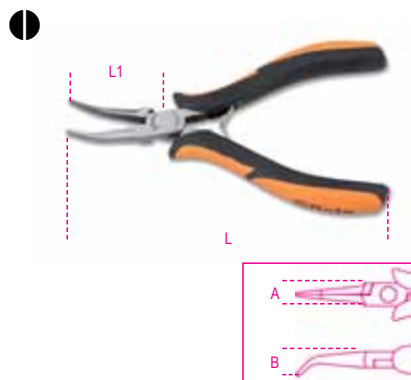


ISO 9655

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

1178BM/P

smooth half-round long bent
needle nose pliers
bi-material handles



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

1183BM

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



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1	2	011830101

1184BM

diagonal flush cutting nippers,
rounded tips
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	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	L1	A	Cu		
mm	mm	mm	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

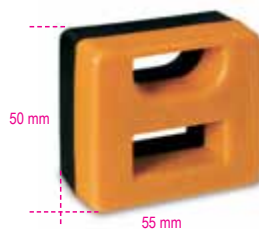
1191R/5-M

spare spring kit for pliers and nippers for
electronics, 5 pairs (items: 1171...1191)

1191R/5-M	1	011910995
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1200MS

magnetizer/demagnetizer



1200MS	5	012000000
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1201

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012010003
0,4x2,5x75	166	2,5	5	012010006
0,5x3x75	171	3,0	5	012010009
0,5x3x100	196	3,0	5	012010012
0,6x3,5x75	171	3,5	5	012010018
0,6x3,5x100	196	3,5	5	012010021
0,8x4x100	196	4,0	5	012010030
0,8x4x125	221	4,0	5	012010033
0,8x4x150	246	4,0	5	012010036
1,0x5,5x100	209	5,0	5	012010039
1,0x5,5x125	234	5,0	5	012010040
1,0x5,5x150	259	5,0	5	012010042
1,2x6,5x100	220	6,0	5	012010048
1,2x6,5x125	234	6,0	5	012010050
1,2x6,5x150	270	6,0	5	012010051
1,2x8x150	282	8,0	3	012010057
1,2x8x200	332	8,0	3	012010060
1,6x10x200	332	9,5	3	012010066



1201/S6	1	012010206
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0,5x3x75-0,6x3,5x100
0,8x4x100-1,0x5,5x100
1,2x8x150-1,6x10x200 mm

1201N

screwdrivers for slotted head screws,
extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86,5	4	3	012010103
1,2x6,5x30	86,5	6	3	012010106

1201DZ

screwdriver for Dzus® head screws



1201DZ	2	012010501
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L mm 53 L1 mm 173

1202

screwdrivers for cross head
Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	5	012020003
0x3x100	200	5	012020006
1x4,5x80	189	5	012020009
1x4,5x120	229	5	012020012
2x6x100	220	5	012020018
2x6x150	270	5	012020021
3x8x150	282	3	012020024
4x9,5x200	332	3	012020027



1202/S4	
PH0x3x60-PH1x4,5x120 PH2x6x150-PH3x8x150 mm	1 012020204

1202N

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



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012020103
2x6x30	86,5	3	012020106

1202L

screwdrivers for cross head
Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012020303
1x4,5x300	400	3	012020305
1x4,5x400	508	3	012020306
2x6x400	519	3	012020309

1203/D

set of screwdrivers



1203/D5	
1201	0,6x3,5x100-1,0x5,5x150 1,2x6,5x150 mm
1202	PH1x4,5x80-PH2x6x100 mm

1203/D7	
1201	0,5x3x75-0,8x4x100 1,0x5,5x100-1,2x6,5x150 mm
1202	PH0x3x60-PH1x4,5x80 PH2x6x100 mm

1203/D8	
1201	0,5x3x75-0,8x4x125 1,0x5,5x150-1,2x6,5x150 mm
1202	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm

1203/D10N	
1201	0,4x2,5x50-0,5x3x75-0,8x4x100- 1,0x5,5x150-1,2x6,5x150 mm
1201N	0,8x4x30 mm
1202	PH0x3x60-PH1x4,5x80- PH2x6x100 mm
1202N	PH1x4,5x30 mm

1203/D10	
1201	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x100 1,2x6,5x150-1,2x8x150 mm
1202	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm

1203/D6	
1202	PH1x4,5x80-PH2x6x100 mm
1204	0,4x2,5x60-0,5x3x100 0,8x4x100-1,0x5x125 mm

1203/D5PZ	
1201	0,5x3x75-0,8x4x125 1,0x5,5x150 mm
1209PZ	PZ1x4,5x80-PZ2x6x100 mm

1203/S



1203/S8	
1201	2,5x50-3x75-4x100-5,5x125- 6,5x150 mm
1202	PH0x3x60-PH1x4,5x80- PH2x6x100 mm

1203/S10	
1201	0,4x2,5x50-0,5x3x75 0,8x4x125-1,0x5,5x150 1,2x6,5x150-1,2x8x150 mm
1202	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm



1204

screwdrivers for headless slotted screws



SxDxL mm	L1 mm		
0,4x2,5x60	156	5	012040003
0,6x3x75	175	5	012040006
0,5x3x100	196	5	012040009
0,8x4x100	196	5	012040012
0,8x4x125	233	5	012040015
1x5x125	234	5	012040018
1x5x150	258	5	012040021
1,2x6,5x150	270	5	012040024



1204/S5	
0,4x2,5x60-0,5x3x100 0,8x4x100-1x5x125 1,2x6,5x150 mm	1 012040205

1204L

screwdrivers for headless slotted screws,
long series



SxAxL mm	L1 mm		
0,5x2,5x200	300	3	012040303
0,6x3x300	400	3	012040306
0,8x4x400	508	3	012040309
1x5x400	508	3	012040315
1,2x6,5x400	519	3	012040318

1205ES

hexagon drivers
with handles



mm	L mm	L1 mm		
1,5	100	200	3	012050315
2	100	200	3	012050320
2,5	100	200	3	012050325
3	100	200	3	012050330
4	100	208	3	012050340
5	100	219	3	012050350
6	125	244	3	012050360
8	150	277	2	012050380

1207TX

screwdrivers for Torx® head screws,
with handles



	L mm	L1 mm	Ø mm		
T5	50	150	3	5	012070005
T6	60	156	4	5	012070006
T7	60	156	4	5	012070007
T8	60	156	4	5	012070008
T9	60	156	4	5	012070009
T10	80	189	5	5	012070010
T15	80	189	5	5	012070015
T20	100	209	5	5	012070020
T25	100	209	5	5	012070025
T27	100	220	6	5	012070027
T30	100	220	6	5	012070030
T40	130	262	7	2	012070040
T45	130	262	8	2	012070045



1207TX/D7
T6-T8-T10-T15
T20-T25-T30
1 012070207

1208RTX

screwdrivers for Tamper Resistant Torx®
head screws, with handles



Ø	L mm	L1 mm	Ø mm		
T9	60	156	4	5	012080009
T10	80	189	5	5	012080010
T15	80	189	5	5	012080015
T20	100	209	5	5	012080020
T25	100	209	5	5	012080025
T27	100	220	6	5	012080027
T30	100	220	6	5	012080030
T40	130	262	7	2	012080040

Beta EASY



1208RTX/D7
T9-T10-T15-T20
T25-T27-T30
1 012080207

1209PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm		
0	60	156	5	012090000
1	80	189	5	012090003
2	100	220	5	012090006
3	150	282	3	012090009
4	200	327	3	012090012



1209PZ/S4
PZ0-PZ1-PZ2-PZ3
1 012090204

1209N/PZ

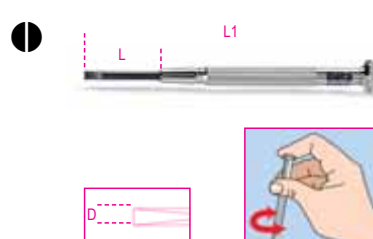
screwdrivers for cross head
Pozidriv®-Supadriv® screws,
extra-short series



PZ	L mm	L1 mm		
1	30	87	3	012090103
2	30	87	3	012090106

1229LP

micro-screwdrivers
for headless slotted screws



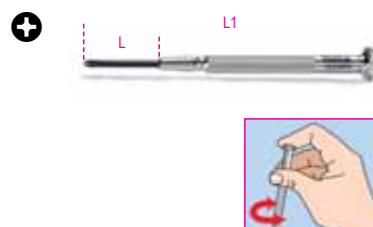
D mm	L mm	L1 mm		
1,0	17	75	5	012290210
1,2	21	85	5	012290212
1,4	21	89	5	012290214
1,8	23	94	5	012290218
2,0	23	98	5	012290220
2,4	26	103	5	012290224
3,0	28	108	5	012290230



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

1229PH

micro-screwdrivers for cross head
Phillips® screws



PH	L mm	L1 mm		
0	26	102	5	012290250
1	29	107	5	012290251

1229LPH/A6

set of 6 micro-screwdrivers
items 1229LP-1229PH

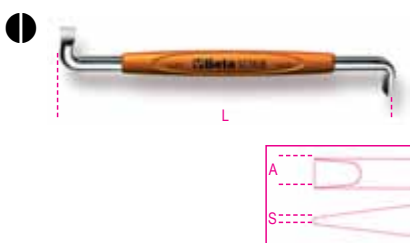


1229LPH/A6
1 012290310

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



SxAxL mm	L1 mm		
1x5,5x100	202	5	012410039
1,2x6,5x125	240	5	012410050
1,2x8x150	268	3	012410057
1,6x10x200	325	2	012410066

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

1243/D7

Set of 7 screwdrivers with steel heads

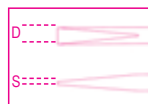


1243/D7 1 012430017

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

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
1x5x150	255	5	012510010
2x6x175	280	5	012510020

1252/S5

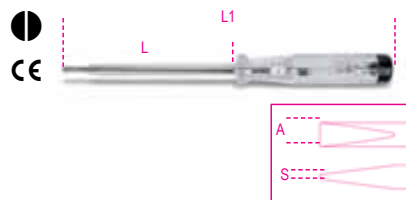


1252/S5 1 012520001

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

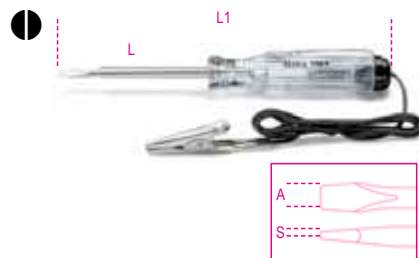
mains testing screwdriver 125/250V,
double insulation



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



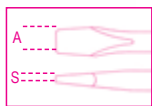
1256/C36-2 1 012560100

	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	5	1
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	5	1
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	5	1
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	5	1
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	5	1
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	5	1
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
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1256/30

4-mm bit holder with handle



L mm 110	2 012560097
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1257LP

micro-screwdrivers
for slotted head screws



SxD mm	L mm	5	1
0.2x1,2	60	5 012570012	
0.25x1,5	60	5 012570015	
0.3x1,8	60	5 012570018	
0.4x2	60	5 012570020	
0.4x2,5	60	5 012570024	
0.5x3	60	5 012570030	
0.6x3,5	60	5 012570035	
0.8x4	60	5 012570040	



1257LP/S8
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	5	1
00	60	5 012570060	
0	60	5 012570063	
1	60	5 012570066	

1257LPH/S8



1257LPH/S8	1 012570210
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1257PH PH00-PH0-PH1
0,4x2-0,4x2,5-0,5x3
0,6x3,5-0,8x4 mm

1257ES

micro-screwdrivers hexagon male ends



mm	L mm	5	1
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



L

mm

T	L	mm	Wrench	Computer
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



⊕ L



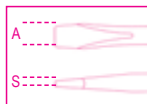
L

mm

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

1260

screwdrivers for slotted head screws



ISO 2380

SxAxL	L1	Ø	Wrench	Computer
mm	mm	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

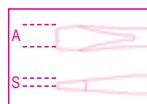
0,4x2,5x75-0,5x3x75-0,8x4x125
1x5,5x150-1,2x6,5x150-1,2x8x200 mm



1 012600306

1260N

screwdrivers for slotted head screws, extra-short series



ISO 2380

SxAxL	L1	Ø	Wrench	Computer
mm	mm	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	L1	Ø	Wrench	Computer
mm	mm	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

1262

screwdrivers for cross head Phillips® screws



UNI/ISO 8764

PHxDxL	L1	Wrench	Computer
mm	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

PH0x3x60-PH1x4,5x80
PH2x6x100-PH3x8x150 mm



1 012620304

1262N

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



UNI/ISO 8764

PHxDxL	L1	Wrench	Computer
mm	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

1263/D...

set of screwdrivers



1263/D6		1	012630006
1260	0,5x3x75-0,8x4x100		
1262	1x5,5x125-1,2x6,5x150 mm		
	PH1x4,5x80-PH2x6x100 mm		

1263/D7		1	012630017
1260	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	PZO - 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		

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

1 012660308

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
T6-T8-T10-T15
T20-T25-T30

1 012670307



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

1 012670312

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
T9-T10-T15-T20
T25-T27-T30-T40

1 012680307

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
PZ0-PZ1-PZ2-PZ3

1 012690304

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 118
Ø
mm 10
5 012810280

1281PM

quick-fit magnetic bit holder



L
mm 165
5 012810292

1281PB

socket holder with 1/4" male drive



L
mm 175
5 012810293

1281LP

reversible screwdrivers
for slotted head screws



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

1281PH

reversible screwdrivers
for cross head Phillips® screws



PH		
1-2	5	012810310
2-3	5	012810312

1281LPH

reversible screwdrivers
for slotted and Phillips® head screws



1281LPH/1	5	012810321
PH0-0,8x4 mm		
1281LPH/2	5	012810322
PH1-1x5,5 mm		
1281LPH/3	5	012810323
PH2-1,2x6,5 mm		

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	5	012810349
T6-T8		
1281TX/2	5	012810350
T7-T9		
1281TX/3	5	012810351
T10-T15		
1281TX/4	5	012810352
T20-T25		
1281TX/5	5	012810353
T30-T40		

1281RTX

reversible screwdrivers
for Tamper Resistant Torx® head screws



1281RTX/3	5	012810361
T10-T15		
1281RTX/4	5	012810362
T20-T25		
1281RTX/5	5	012810363
T30-T40		

1281BG/A9

assortment of 9 reversible screwdrivers
and 1 accessory in case



1281BG/A9	1	012810520
-----------	---	-----------

1281BG		
+	1281LPH/1	PH0-0,8x4 mm
+	1281LPH/2	PH1-1x5,5 mm
+	1281LPH/3	PH2-1,2x6,5 mm
+	1281PZ/1	PZ1-PZ2
○	1281PE	2,5 mm
○	1281PE	3 mm
○	1281PE	4 mm
○	1281PE	5 mm
○	1281PE	6 mm

1281BG-TX/A8

assortment of 8 reversible screwdrivers
and 1 accessory in case



1281BG-TX/A8	1	012810530
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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/B28A

set of 16 reversible screwdrivers,
9 1/4" drive sockets,
2 accessories and 1 handle, in wallet



1281BG/B28A	1	012810510
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○ 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

1281/BV	1	012810501
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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

Beta INOX

STAINLESS STEEL

240

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	1	012920304
	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm	

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

Beta INOX

STAINLESS STEEL

240

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 PH1x4,5x30-PH2x6x30 mm	

1293/S7	1	012930207
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm	
1294	0,5x2,5x60-0,6x3x75 0,8x4x100-1x5x125 mm	

Beta

1293ES

hexagon drivers with handles



mm	L mm	L1 mm	Ø mm	1	1
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
2-2,5-3-4-5-6-8 mm 1 012930057

1293BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	1	1
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
2-2,5-3-4-5-6-8 mm 1 012930558

1294

screwdrivers for headless slotted screws



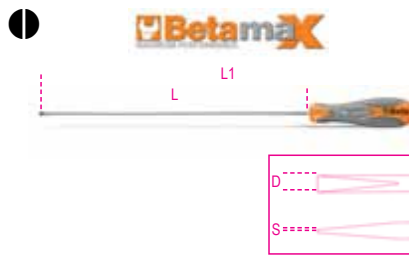
SxDxL mm	L1 mm	1	1
0,5x2,5x60	156	5	012940003
0,6x3x75	171	5	012940006
0,6x3x100	196	5	012940009
0,8x4x100	196	5	012940012
0,8x4x150	246	5	012940015
1x5x125	234	5	012940018
1,2x6,5x150	282	5	012940027



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

1294L

screwdrivers for headless slotted screws long series



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

1295

impact screwdriver



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	1	1
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

Beta

**Betamax**

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

1 012970409

1298RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles

**Betamax**

⊕	L mm	L1 mm	∅ 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

**Betamax**

1299PZ/S8
T9-T10-T15-T20
T25-T27-T30-T40

1 012990308

1299PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws

**Betamax**

UNI/ISO 8764

⊕	L mm	L1 mm		
PZ 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

**Betamax**

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

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

1302

double end dolly, round, convex pein head



770 1 013020001

1303

curved dolly



1350 1 013030001

1304

sole dolly



875 1 013040001

1305

toe dolly



1190 1 013050001

1305Z

milled toe dolly



1065 1 013050002

1306

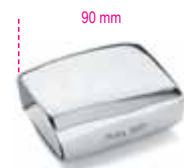
heel dolly



1040 1 013060001

1307

regular dolly



1100 1 013070001

1308

egg dolly



1100 1 013080001

1309

hatchet dolly



118 mm

g
460

1 013090001
1310

general purpose dolly



76 mm

g
1225

1 013100001
1312

anvil dolly



100 mm

g
1220

1 013120001
1313

buffer dolly



68 mm

g
990

1 013130001
1314

double end dolly, convex, flat head



56 mm

g
780

1 013140001
1326

curved angle spoon



260 mm

g
560

1 013260001
1327

heavy-duty spoon



385 mm

g
1075

1 013270001
1328

pry and bumping spoon



280 mm

g
935

1 013280001
1329

double-ended spoon



435 mm

g
1800

1 013290001
1330

long double-ended spoon



510 mm

g
2125

1 013300001
1331

bending iron with leather face



410 mm

g
1100

1 013310001
1335BM

bumping blade with plastic handle



375 mm

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)

mm
25-50-75-100-125

1 013370015
1338A - 1338B

adjustable body blade holder with flexible flat blades



L

	mm/1"	L mm
1338A	9	360
1338B	12	360

2 013380001
2 013380002
1338

body blade holder for item 1338R



g
1338

2 013380003

1338R9 - 1338R12

spare body blades for item 1338A-B



1338R9	9	2	013380004
1338R12	12	2	013380005

1342

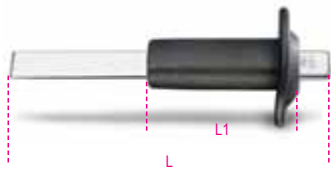
extra flat chisel with straight cutter



L mm	235	5	013420001
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1342PM

extra flat chisel with straight cutter with hand guard



L mm	235	L1 mm	118	2	013420002
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1342PMR

spare hand guard for item 1342



1342PMR	1	013420003
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1343

flat chisel with side cutter



L mm	200	5	013430001
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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
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1345

hammer with round, convex face and pein, wooden shaft



1345	2	013450010
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1351

hammer with round, flat face and ball pein, wooden shaft



1351	2	013510010
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1353

hammer with round, flat face and point pein, wooden shaft



1353	2	013530010
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1357Z/45

hammers with flat, round, milled face and square, smooth face, wooden shafts



1357Z/45	2	013570045
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1359T

hammer with round, flat face and horizontal pein, wooden shaft



1359 T	2	013590010
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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	320	Ø mm	34	1	013600006
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1362

dent reflector with suction cup

allows even the smallest bodywork imperfections to be detected



LxH mm	240 x200	1	013620010
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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
- 240-mm-long extension
- 450-mm-long extension
- 475-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

1366KF

kit of 19 plastic glue tabs for item 1366A



1366KF

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

1366S

wheeled bodywork spotter

- microprocessor for managing welding parameters
- welding power and time adjustment
- adjustment range: 400÷2200 Ah
- single, pulsed, continuous point selector
- welding parameters table
- thermal protection indicator
- quick coupling gun
- voltage: 230 V

CE



1366S

1 013660000

1366S KIT

spotter accessory kit

- 10 slotted washers
- 10 90° slotted washers
- 100 threaded pins, 5x18 mm
- 100 self-threading pins, 5x18 mm
- 100 self-threading pins, 5x25 mm
- washer hook, Ø 8x16x1.5 mm
- electrode for M5-M6 screws
- electrode for slotted washers



1366S KIT

1 013660001

250x170x35

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

Stated prices are for 20 pieces

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

Stated prices are for 100 pieces

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

Stated prices are for 5 pieces

1366S/R14

wire spot welding electrode



1366S/R14 1 013660514

1366S/R21

crimped wires for use of
pulling lever and crossbar



1366S/R21 1 013660515

Stated prices are for 10 pieces

1366S/R22

magnetic support
for crimped wire



1366S/R22 1 013660552

1366S/R24

pull ring M4



1366S/R24 1 013660554

Stated prices are for 5 pieces

1366S/R25

pull ring M5



1366S/R25 1 013660555

Stated prices are for 5 pieces

1366S/R26

pull ring M6



1366S/R26 1 013660556

Stated prices are for 5 pieces

1367/S6

set of punches for installing parking sensors

sizes:
17 - 18 - 19 - 20 - 21 - 22 mm



1367/S6 1 013670100

1367

punches for installing parking sensors



Ø mm	○ mm	
17	13	1 013670117
18	13	1 013670118
19	13	1 013670119
20	13	1 013670120
21	13	1 013670121
22	13	1 013670122
23	13	1 013670123
24	13	1 013670124
27	13	1 013670127
28	13	1 013670128

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



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

The prices shown are for 100 pieces

1368G/SD

spiral clips, straight, for item 1368



1368G/SD 1 013680110

The prices shown are for 100 pieces

1368G/CV

convex angle clips for item 1368



1368G/CV 1 013680120

The prices shown are for 100 pieces

1368G/C2U

concave angle clips for item 1368



1368G/C2U 1 013680130

The prices shown are for 100 pieces

1369/C11

assortment of 11 tools



1369/C11 1 013690033

	1303
	1305
	1306
	1309
	1310
	1314
	1327
	1338A
	1353
	1357Z/40
	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 4 013700081

1370/100

1370MR 200 4 013700082

1370/200

1370MR 300 4 013700083

1370/300

1370MR 400 4 013700084

1370/400

1370MR 500 4 013700085

1370/500

1370MR 600 4 013700086

1370/600

1370MR 800 4 013700088

1370/800

1370MR 1000 4 013700090

1370/1000

1370MR 1500 4 013700095

1370/1500

1370MR 2000 4 013700100

1370/2000

1370T

mechanic's hammers
fibre shaft



g	A mm	L mm	L1 mm	
200	19	280	95	5 013700620
300	23	300	105	5 013700630
500	27	320	118	5 013700650
800	33	350	130	4 013700680
1000	36	360	135	4 013700700
1500	42	365	145	2 013700750

1370F

riveting hammers, wooden shaft



NF E 71.014

A	L	L1	g		
mm	mm	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	2	013700474
1370F/24-26	2	013700478
1370F/MR 28	2	013700482
1370F/28-30	2	013700490
1370F/MR 32	2	013700495
1370F/32-36	2	013700496
1370F/MR 40	2	013700499
1370F/40-42	2	013700499
1370F/MR 50	2	013700499
1370F/50	2	013700499
1370F/MR 60	2	013700499
1370F/60	2	013700499

1370FT

riveting hammers, fibre shafts



A	L	L1	g		
mm	mm	mm			
28	280	86	530	1	013700528
30	280	92	625	1	013700530
32	300	100	750	1	013700532
36	300	104	930	1	013700536
40	330	110	1150	1	013700540
42	330	116	1250	1	013700542
50	380	138	2100	1	013700550
60	380	160	2750	1	013700560

1374F

carpenter's hammers, wooden shaft



NF E 71.012

A	L	L1	g		
mm	mm	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	2	013740456
1374F/16	2	013740460
1374F/MR 20	2	013740462
1374F/20	2	013740468
1374F/MR 22	2	013740470
1374F/22-26	2	013740474
1374F/MR 28	2	013740478
1374F/28	2	013740482
1374F/MR 30	2	013740486
1374F/30	2	013740490

1375

claw hammer, wooden shaft



g	L1	Ø	L		
mm	mm	mm	mm		
300	95	25	300	3	013750000

1375/MR

spare shafts for item 1375



1375/MR	2	013750003
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1375A

claw hammers, plastic shafts



oz	g	L	L1		
		mm	mm		
16	450	330	130	3	013750016
20	570	330	130	3	013750020

1375B

claw hammers, steel shafts



oz	g	L	L1		
		mm	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	L1	L		
mm	mm	mm	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
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1376XT

claw hammers with square peins, magnets and nail holders plastic shaft



g	A	L1	L		
mm	mm	mm	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
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1377

ball pein hammers, round heads, for coppersmiths and tinsmiths, wooden shafts



g	L	L1		
mm	mm	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 heads, for coppermiths and tinsmiths, fibre shafts



g	L mm	L1 mm	
340	330	95	2 013770534
450	350	102	2 013770545
570	350	110	2 013770557
680	360	116	2 013770568
900	380	120	2 013770590

1378

joiner's hammers, round heads and peins, wooden shaft



g	L mm	L1 mm	Ø mm	
340	330	100	27	2 013780134
570	350	115	32	2 013780157

1378/MR...

spare shafts for item 1378



1378MR 340 1378/340	2	013780234
1378MR 570 1378/570	2	013780257

Beta

1379F

electrician's hammers, wooden shafts



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



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

1381

sledge hammers, Hickory shafts



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

Beta

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

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



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



∅ mm		
30	4	013920230
35	4	013920235
40	4	013920240
50	4	013920250
60	4	013920260

1393

hard rubber head hammers



∅ mm	L mm	L1 mm	
50	315	90	3 013930050
60	340	110	3 013930060
70	370	130	2 013930070

1410/M

spring pulling hook wrench



∅ mm	
3,5	2 014100051

1428

pullers for damaged nuts with square drive



∅ mm	□ 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



∅ mm	
17	1 014280217
19	1 014280219
21	1 014280221

12"



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

3/8"



1428/SB11	
8-10-11-12-13-14	1 014280111
15-16-17-18-19 mm	
1428/SB5	
20-21-22-24-27 mm	1 014280115

1429

pullers for damaged screws and stud bolts with square drive



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

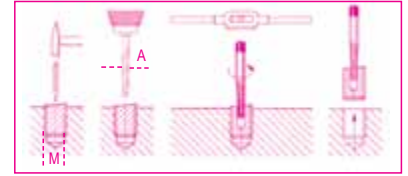
3/8"



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



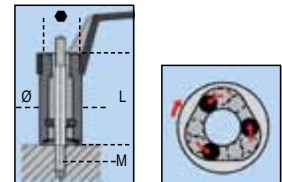
1430/1	M	A mm	
1430/1	3+6	2,5	10 014300006
1430/2	6+8	3,0	10 014300008
1430/3	8+11	4,5	10 014300011
1430/4	11+14	6,0	10 014300014
1430/5	14+18	8,0	10 014300018
1430/6	18+24	11,0	5 014300024
1430/7	24+33	14,0	5 014300033
1430/8	33+50	21,0	5 014300050



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

1433

roller stud extractors



M mm	∅ 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

38"
12"
Hex



1433/C11

M5 - M6 - M7 - M8 - M9 - M10 - M10,5
M11 - M12 - M14 - M16

340x135x56 mm - 3,0 kg

1 014330311

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

260x160x55 mm - 1,0 kg

1 014370001

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

1438K/DSG

set of 13 tools for removing, installing and
adjusting VW 6- and 7- gear DSG clutches

Allows jobs on automatic and electronic dual clutch gearbox transmissions.
Includes pliers for removing/installing snap ring of main shaft and adjustment gauge for clutch system



1438K/DSG

1 014380250

1438DSG

lever for locking/unlocking DSG dual-clutch
gearbox
from VAG group



1438DSG

1 014380200

1438SAC

SAC clutch aligning kit

includes kit for applications without guide bearings
supplied with 3 and 4 arm plates



1438 SAC

480x380x130 mm - 9,5 kg

1 014380050

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

500x120x60 mm - 825 g

1 014390101

 **Beta**

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

1450GC

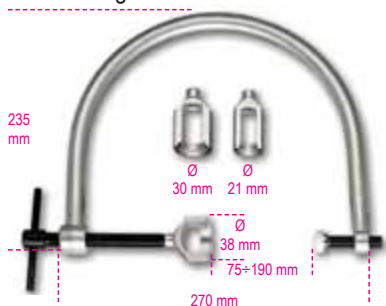
valve spring compressor with straight and offset jaws



1450GC	1	014500005
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1452K

valve spring compressor, with three flanges



1452K	1	014520100
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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				

1455SVP

pneumatic valve grinder

• Pressure: 6 bars



1455SVP	1	014550001
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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
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1458

external butt-ended circlip pliers



DIN 5417		
Ø mm		
30÷100	2	014580001

1460F

valve seat removing tool



1460F	1	014600010
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1461/C3B

timing devices for Fiat/Alfa/Lancia petrol engines

Engines: 1.2-1.4 16V



1461/C3B	1	014610032
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280x245x75 mm 1,5 kg

1461/C5G

timing devices for Fiat/Alfa/Lancia/Opel/Suzuki/Ford diesel engines

Engines: 1.3 Multijet



1461/C5G	1	014610053
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280x245x75 mm 2,6 kg

1461/C6B

timing devices for Peugeot/Citroën petrol engines

Engines: 1.0-1.1-1.4-1.6-1.6 16v-1.6Gti-1.6 18V-1.8-1.8 16v-1.9-2.0-2.0 16v-2.0T-2.0 Hpi-2.2 16v



1461/C6B 1 014610063
310x290x120 mm 3,5 kg

1461/C6G

timing devices for Peugeot/Citroën diesel engines

Engines: 1.4-1.6-2.0D, 1.4-1.6TDCi, 1.4-1.6-2.0-2.2Hdi, 1.5-1.9-2.5D



1461/C6G 1 014610064
385x290x100 mm 3,8 kg

1461/C7B

timing devices for Renault/Nissan petrol engines

Engines: 1.4-1.6-1.8-2.0 16V



1461/C7B 1 014610072
280x245x75 mm 3,2 kg

1461/C8B

timing devices for Ford petrol engines

Engines: 1.25-1.4-1.6-1.6 SCTi-1.6 Ti-VCT-1.6 16V



1461/C8B 1 014610083
240x210x50 mm 1,8 kg

1461/C8G

timing devices for Ford/Mazda diesel engines

Engines: 1.4-1.6-1.8-2.0-2.2 TDCi, 1.6D 8/16V, 1.8D, 1.8D Turbo, 1.8 TCi, 1.8 TDDi, 2.5D, 2.5D Turbo



1461/C8G 1 014610084
280x245x75 mm 2,2 kg

1461/C9B

timing devices for Opel petrol engines

Engines: 1.0 12V, 1.0-1.2-1.4 16V



1461/C9B 1 014610092
335x145x60 mm 2 kg

1461/C10A

timing devices for Audi, Seat, Skoda and Volkswagen engines

Engines: 1.9 - 2.0 TDI



1461/C10A 1 014610101
270x120x45 mm 1,1 kg

1461/C10G

timing devices for Volkswagen/Audi/Seat and Skoda engines

Engines: 1.2-1.6-2.0 TDI CR (common rail)



1461/C10G 1 014610103
310x290x120 mm 2,8 kg

1461/C11A

timing devices for Renault engines

Engines: 2.0 dCi



1461/C11A 1 014610111
420x280x60 mm 1,2 kg

 **Beta**

1461/C11G

timing devices for
Renault engines

Engines: 1.5-1.9-2.2-2.5 DCI



1461/C11G

1 014610113

310x290x120 mm 3,8 kg

1461/C12A

timing devices for
Fiat engines

Engines: 1.9-2.2 JTS and 1.9 JTD Euro 4



1461/C12A

1 014610123

280x245x75 mm - 1,8 kg

1461/C12G

timing devices for
Fiat/Alfa/Lancia diesel engines

Engines: 1.9 JTD, 1.6-1.9-2.0 Multijet



1461/C12G

1 014610124

280x245x75 mm 2 kg

Beta

1461/C13A

timing devices for Fiat 0.9 Twinair turbo
engines



1461/C13A

1 014610133

240x210x50 mm 1,7 kg

1461/C13B

timing devices for Fiat 1.4 Multiair engines



1461/C13B

1 014610134

240x210x50 mm 2,8 kg

1461/C17B

timing devices for
Volkswagen/Audi/Seat and Skoda petrol
engines

Engines: 1.2 TSI



1461/C17B

1 014610171

1461/C18B

timing devices for
Volkswagen/Audi/Seat and Skoda petrol
engines

Engines: 1.6-1.8-1.8T, 1.4-1.6-1.8-2.0 16V,
1.4-1.6-2.0 FSI



1461/C18B

1 014610182

310x290x120 mm 2,5 kg

1461/C20G

timing devices for
Fiat Iveco/Peugeot/Citroën/Ford diesel
engines

Engines: 2.2-2.3-3.0 Multijet



1461/C20G

1 014610221

385x290x100 mm 5,5 kg

1461/C21G

timing devices for Renault diesel engines

Engines: 1.6 dCi



1461/C21G

1 014610222

310x290x120 mm 3 kg

Beta

Beta

1461/C22B

timing devices for Peugeot/Citroën petrol engines

Engines: 1.0-1.2 VTi



1461/C22B

1 014610223

280x245x75 mm 2 kg

1461/C23B

timing devices for Opel petrol engines

Engines: 1.0 - 1.2 - 1.4 ecoflex



1461/C23B

1 014610224

280x245x75 mm 2,5 kg

1461/C24B

timing devices for Mini-Peugeot/Citroën petrol engines

Engines: 1.4 - 1.6 (N12-N14)



1461/C24B

1 014610225

280x245x75 mm 2,8 kg

1461/C25G

timing devices for Mini diesel engines

Engines: 1.6 diesel (W16D)



1461/C25G

1 014610226

270x120x45 mm 1 kg

1461/C26B

timing devices for Fiat/Alfa Romeo/Lancia petrol engines

Engines: 1.2-1.4 8v



1461/C26B

1 014610227

280x245x75 mm 1,7 kg

1461/C27G

timing devices for Bmw diesel engines

Engines: 1.6-2.0D (N47-N47S)



1461/C27G

1 014610228

280x245x75 mm 2 kg

1461/C28B

timing devices for Volkswagen, Seat and Skoda petrol engines

engines: 1.0 - 1.0 Bluemotion Tech
1.0 Ecofuel/Ecomotive - 1.0 Green Tech



1461/C28B

1 014610229

280x245x75 mm 1,7 kg

1461/C29B

timing devices for Ford petrol engines

engines: 1.0 EcoBoost



1461/C29B

1 014610209

280x245x75 mm 2,6 kg

1461/C30G

timing devices for Volkswagen/Audi/Seat and Skoda diesel engines

engines: 1.6-2.0 CR TDI
for engines built as from 2012



1461/C30G

1 014610231

280x245x75 mm 2 kg

1462CF/C6

set of 6 single-ended bi-hex wrenches for fuel injector connectors

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



1462CF/C6 1 014620006

260x145x60 mm - 1,2 kg

1462CF

single-ended bi-hex wrenches for fuel injector connectors



mm	
12	1 014620012
14	1 014620014
16	1 014620016
17	1 014620017
19	1 014620019
18	1 014620018

1462/KD

tool assortment for removing Denso injectors, complete with hammer



1462/KD 1 014620060

335x210x80 mm - 4,8 kg

1462/KI

assortment of common rail diesel injector pullers

Allows DELPHI-BOSCH-SIEMENS-DENSO injectors to be removed



1462/KI 1 014620235

530x470x140 mm - 20 kg

1462/KMRC

tool assortment for removing injectors from Mercedes 2.1L, 2.2L, 3.0 V6 and Chrysler engines

For Bosch (2.1 and 2.2L) and Delphi (3.0) injectors Injectors can be removed without removing engine.

Particularly suitable for following car models:
Mercedes Vito, Vario, CLK, Sprinter, Viano, M, GL, C, GLK, E, CLS, S, R, G Classes
Chrysler 300 C



1462/KMRC 1 014620070

310x300x118 mm - 3,5 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

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

1462PIM

injector maintenance plates, pair vice locking sections: Ø 11-12-13-14-16-19-20 mm



1462PIM 1 014620502

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



1464T 1 014640050

960AD/TP2

set of adaptors for item 960TP
in plastic case



960AD/TP2 1 009600510

430x310x50 mm - 3,2 kg

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

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

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

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 trucks, marine engines and agricultural machines

1464IC 1 014640350

559x312x50 mm - 4,5 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

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



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

1466/C5

kit of 5 brake bleeding wrenches

kit contents:
• 5 wrenches sizes 7-8-9-10-11 mm
• 1 drain hose with check valve



1466/C5 1 014660100

260x170x50 mm - 600 g

1467

brake fluid extractor



Pressure: min 5 bar, max 11.5 bar

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

electric instrument for brake fluid replacement

With "pulsating effect"



"Pulsating effect"

- 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 universal cap + 1 standard cap E20

1467LF 1 014670100

1467LF/RC

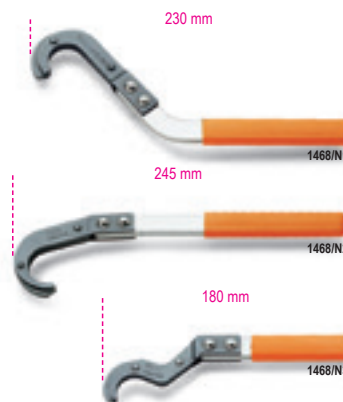
vessel with recovery tube for item 1467LF



1467LF RC 1 014670125

1468N

valve depressors for disc removal



1468N/1 1 014680011

1468N/2 1 014680012

1468N/3 1 014680013

1470

drum brake spring pliers



L mm 1 014700001

210 1 014700002

330 1 014700003

540 1 014700010

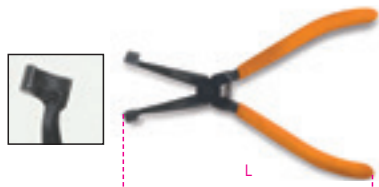
 Beta

 Beta

1470FT

drum brake shoe spring clamp pliers

40° angled noses
Easy access to awkward spaces



L
mm
184

1 014700000

1471

drum brake spring pliers

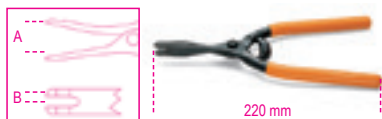


L
mm
330

1 014710001

1471A

handbrake wire pliers



A max
mm
45

B
mm
5

2 014710010

1471M/C22

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



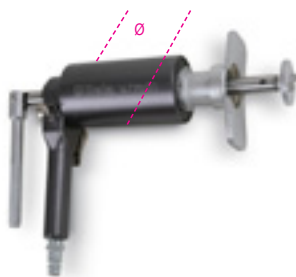
1471M/C22

1 014710101

350x310x85 mm - 3,5 kg

1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



∅
mm
50

Kg
150

Bar
5÷8

1 014710069

1471M/P

worn pad and TRW-Mégane caliper adapters



1471M/P

1 014710080

1471M/W50

VW Passat handbrake adapter (≥ 2005)

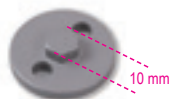


1471M/W50

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

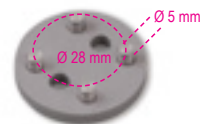


1471PN/B3

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
19

1 014710314
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)

12"



mm 11 Ø mm 24 L mm 75 L1 mm 15,5 1 014710361

1471D2

tool for pushing back front disc brake pistons,
with closed callipers

Two pairs of plates for working on 2 and 4 piston callipers

10



mm 10 1 014710301

250x170x60 mm 1,5 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 18+54 L mm 630 1 014720105

1472AU/RP

spare cable for pliers 1472AU/P



1472AUP/R 1 014720106

1472FC

Clíc® collar pliers with swivel heads



1472FC 1 014720090

1472FC/GE

heavy-duty Clíc® collar pliers

particularly suitable for
large-size clippers



L mm 230 1 014720093

1472FC/L

Clíc® collar pliers with flexible extension



L mm 630 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 100 1 014720000

1472TM

quick coupler pliers for multijet filters



1472TM 1 014720200

1472VW

hose clamp pliers,
with swivel heads
For Volkswagen and Mercedes cars



1472VW 1 014720051

1473

OETIKER® collar pliers



1473 275 1 014730001

1473A

slotholder pliers for OETIKER® collars



1473A 230 1 014730010

1473Q

OETIKER® collar pliers with drive

For use with:
• torque wrenches
• ratchets
• male drives



1473Q 250 1 014730005

1473P

clamp pliers for OETIKER® low-profile collars



1473P A Max mm 53 1 014730020

1473FN

tool for tightening and cutting
strap ties made of stainless steel

For use with Panduit® ties and the like



1473FN A mm 4,7÷9,5 1 014730501

1473T

steel collar cutting nippers

allows collars to be cut
without risking damaging guards, sleeves etc.



1473T A mm 14 L mm 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

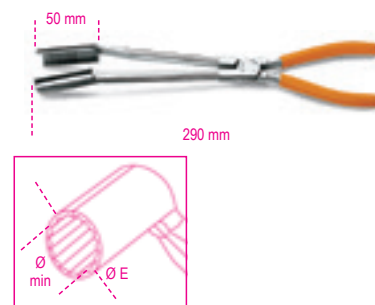
expansion puller for ignition coils,
Volkswagen group



1474E/VW 1 014740120

1474L

spark-plug pliers, curved long nose, 15°



1474L Ø min mm 14 Ø E mm 20 2 014740010

1474DL

spark-plug pliers, long nose,
double layer PVC coated handles



1474DL 170 mm 275 mm 1 014740010

1474G

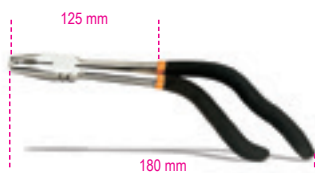
curved long nose pliers
for removing glow plug caps



1474G 235 mm 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 19
Ø max mm 75
1 014760001

1476/RC

spare chain for item 1476



1476RC 1 014760010

1476A

pliers for exhaust pipe cutting



Ø min mm 30
Ø max mm 95
1 014760005

1476A/RC

spare chain for item 1476A



1476A/RC 1 014760015

1476C/1

exhaust pipe expanders



1476C/1
Ø 30÷42 mm
L = 131 mm
L1 = 51 mm
1 014760101

1476GT

pliers for removing rubber supports
from exhaust pipes



L mm 280
A Max mm 58
± mm 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 309
A Max mm 60
S mm 12,2
1 014760060

1476T

wrench for removing/installing turbines
on Volkswagen Audi diesel engines



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 1 014770200
13-15-16-17-19 mm
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

mm 12
1 014770051



1478

pin removing pliers

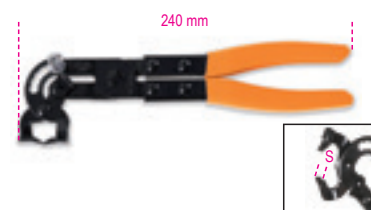


1478 1 014780001

1478T

plastic pin removable pliers with swivel head and pressure clips

Head can be rotated 90°



1478T S mm 4,5 1 014780101

1478/3P

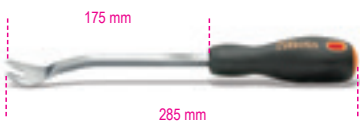
plastic pin removal pliers with 3 release points



1478/3P 1 014780151

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

1479L/S2

multipurpose wrecking bars, pair, made of Teflon®



1479L/S2 1 014790510

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
- Ford quick 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

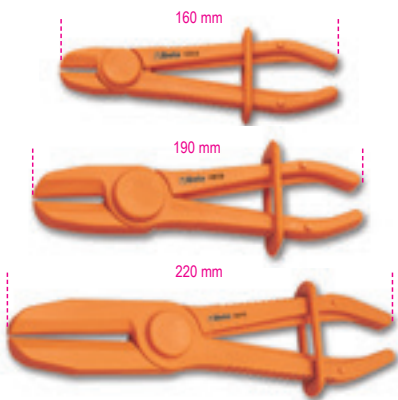


1481/C12 1 014810312

370x270x59 mm

1481PL/A

plastic hose pliers



	∅ 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 ∅ 8÷15 mm
1481PL-B ∅ 15÷25 mm
1481PL-C ∅ 25÷45 mm

1482

adjustable self-locking wrench
for tank floating ring nuts



∅
mm 89÷170 1 014820001

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

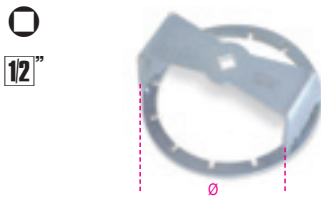


∅
mm 185 1 014820005

1482A/2

wrench for tank floating ring nuts,
12 sectors

For operating on ring nut with no side slots installed on Fiat and Ford cars and vans



∅
mm 132 1 014820006

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

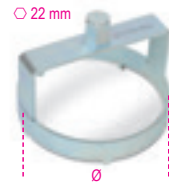


∅
mm 157 1 014820007

1482A/4

wrench for tank floating ring nuts,
5 teeth

for use on FCA group cars,
including Freemont, 500L, 500X, Renegade



∅
mm 145 1 014820014

1482A/5

wrench for tank floating ring nuts,
22 sectors

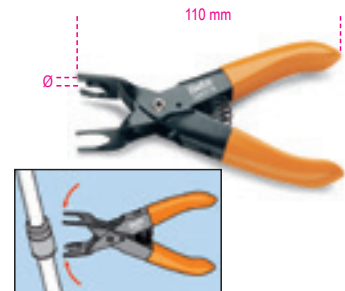
for use on plastic ring nuts
in VAG group cars



∅
mm 180 1 014820015

1482/8 - 1482/10

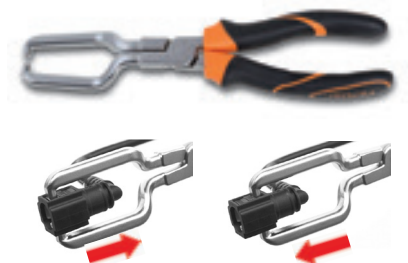
quick coupler pliers for fuel pipes



	∅ mm	
1482/8	8	2 014820008
1482/10	10	2 014820010

1482B

quick coupler pliers
for fuel pipes



1482B 1 014820021

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

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

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 175 P mm 13,3 1 014850210

1485FCA/TS

timing belt tensioner, articulated, with 13.5 mm inserts



L mm 305 P mm 13,5 1 014850215

1485FRD/T

tensioning lever for service belts mounted on Ford engines can be used to remove alternator pulleys



L mm 450 Q mm 12,80 1 014850310

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 500 1 014850150

1485MTJ/1.3

distribution chain pulley locking tool for 1.3 Multijet engines

5 precise check pins allow totally safe jobs on chain



1485MTJ/1.3 1 014850160

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 30-120 Ø1 mm 10 - 17 L mm 500 1 014850025

1485R/P10

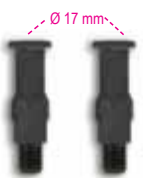
pairs of inserts



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

1486/10

wrench for natural gas cylinder valves

- VW group cars since 2008
- Panda from 2004 to 2012
- Grande Punto from 2005 to 2012
- Ducato since 2010
- new Doblò and Combo
- Cubo and Fiorino



1486/10 1 014860110

1486/20

wrench for natural gas cylinder valves

- Multipla
- Ducato 1st and 2nd series until 2010
- Berlingo and Ranch
- C3 with iron cylinders
- Punto from 1999 to 2010
- Doblò 1st series
- Daily and Iveco group
- Dr5



1486/20 1 014860120

1486/30

wrench for natural gas cylinder valves

- Zafira 2nd series
- Combo 1st series

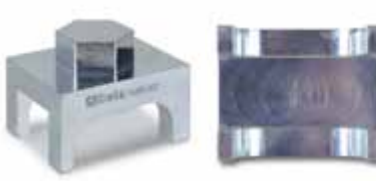


1486/30 1 014860130

1486/40

wrench for natural gas cylinder valves

- Touran 1st series



1486/40 1 014860140

1486/50

wrench for natural gas cylinder valves

- Panda since 2012
- New Ypsilon



1486/50 1 014860150

Beta

1486/60

wrench for natural gas cylinder valves

- C4 Picasso
- BRC systems



36 mm

1486/60 1 014860160

1486/70

wrenches for natural gas cylinder valves, pair

- C3 with composite cylinders



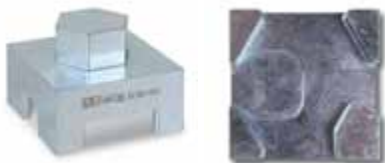
36 mm

1486/70 1 014860170

1486/80

wrench for natural gas cylinder valves

- B-Class
- Zafira 3rd series



36 mm

1486/80 1 014860180

1486/90

wrench for natural gas cylinder valves

- Zafira 1st series
- Kangoo 1st series
- Sprinter



36 mm

1486/90 1 014860190

1488 - 1488L

oil-filter wrench with double chain



	∅ mm		
1488	60÷110	1	014880001
1488L	60÷160	1	014880050

1488/1

oil-filter wrench with thin double chain



	∅ mm		
1488/1	60÷110	1	014880010

1488R...

spare chain



1488RC	1488	1	014880101
1488R/L	1488/L	1	014880150
1488RC/1	1488/1	1	014880110

1489/31T

alternator pulley free wheel wrench



	∅		
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



	∅		
1489/33P	10 15	31	1 014890015

1489/E

alternator pulley free wheel wrench



	∅		
1489/E	10 15	1	014890025

1489R

alternator pulley free wheel wrench



1489R	28 mm	15 mm	1 014890020

1489/Y

alternator pulley free wheel wrench, for Nippondenso alternators



	∅		
1489/Y	32	1	014890040

1489/C14

assortment of 14 tools for free alternator pulleys



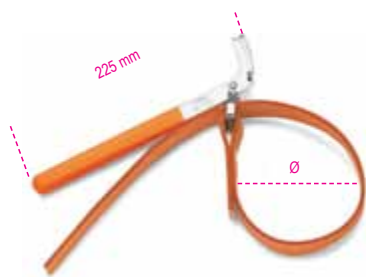
1489/C14		1	014890100

867PE	8 mm
867PE/L	8 mm
867XZN/L	M10
867TX/L	T50
867/2	1/2"
920B	10 mm
1489/33	
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

1491

adjustable oil filter wrench



	Ø mm		
1491	65÷110	2	014910001

1491R

spare metal band for item 1491



1491R	10	014910010
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1491C

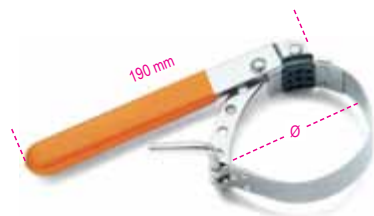
adjustable oil filter pliers



	Ø mm	L mm		
1491C	60÷100	300	1	014910030

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



	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



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



1493B/S5	1	014930599
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1493

oil filter wrench



Ø mm	N		
65	14	1	014930200
68	14	1	014930206
73	14	1	014930208
74	14	1	014930209
74	15	1	014930210
75-77	15	1	014930212
76	8	1	014930214
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
95	15	1	014930244
100	15	1	014930248
106	15	1	014930250
108	15	1	014930252
135	18	1	014930256

1493/PF

Purflux® oil-filter wrenches



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	9	1	014930070
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	1 014930310
66,5	14	27	1 014930315
74	14	27	1 014930320
79	15	27	1 014930325
84	14	27	1 014930330
87	16	27	1 014930335
92	15	27	1 014930340
94,5	15	27	1 014930345
100,5	15	27	1 014930350

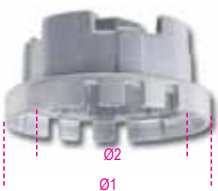
1493AL 4S

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

12"



Ø mm	H mm	●	
24	34	27	1 014930424
27	34	27	1 014930427
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	

12"

38"



1493/C19

1 014930019

490x450x60 mm - 4 kg

1493DSG

wrench for removing/installing
DSG oil filter

12"



Ø mm

24

1 014930800

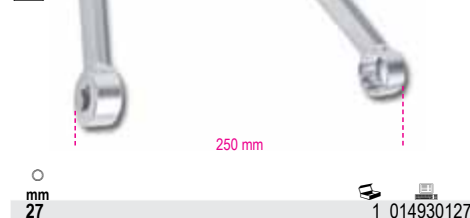
1493FF

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

12"

12"



Ø 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

12"



Ø mm

115

1 014930085

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

38"



Ø mm

50÷100

Ø mm

16

1 014930079

210x150x50 mm

Beta

1493/S-U

self-adjusting oil filter wrench with 3 arms, for right and left hand tightening



	□	∅ mm		
1493/S	3/8-1/2	80-115	1	014930074
1493/U	1/2	105-165	1	014930076

1493T

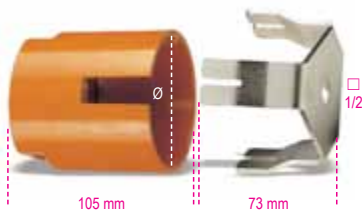
self-adjusting oil filter wrench with three arms, for left-hand tightening



∅ mm		
60±120	1	014930075

1493J

wrench for MultiJet



∅ mm		
90	1	014930080

1493X

self-locking oil filter wrenches, for left-hand tightening



	∅ mm	± 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



	∅ mm	± mm		
1493Y/1	80±110	7,3	1	014930120
1493Y/2	104±145	7,3	1	014930122

1494

square oil drain plug socket



mm		
10	1	014940280

1494E

male hexagon oil drain plug sockets



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

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



1494VW	1	014940305

1494/C14A

assortment of 14 oil change tools



1494/C14A	1	014940150

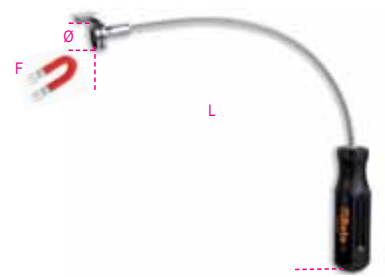
- 1494E 8-9-10-11-12-14-17
- 1494Q 8-9,5(3/8")-12-13
- 1494 10
- △ 1494T 9,5(3/8")
- 1494XZN M16

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	∅ 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

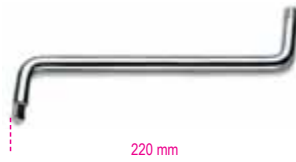
kit with 6 oil drain plugs and washers



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

1497CEL

tool for removing electrical connectors from VAG group vehicles

allows connectors to be quickly disconnected, without getting damaged.



1497CEL 1 014970170

1497D

relay removal pliers, straight pattern



1497D 15÷50 1 014970150

1497P

relay removal pliers, bent pattern, 60°



1497P 15÷50 1 014970160

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

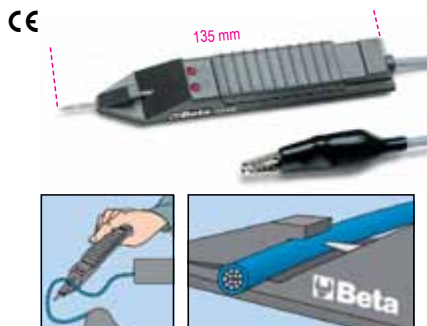
t-taps, pair


- cable section: 1.5+3.5 mm
- voltage: 0+330V
- max. current: 5A



1497RC 1 014970351

1498
voltage tester



3÷48V  2 014980100


1498CM/12
portable motorcycle
emergency starter

- 3 functions in 1:
- starter
 - additional battery for electronic devices (tablets, smartphones etc.)
 - high-brightness LED torch



- Equipment:
- Starting cable with insulated clamps and protection diode
 - Mains battery charger
 - Car battery charger
 - USB cable with charge adapters

TECHNICAL DATA
Starting current: 200A
Peak current: 400A
USB outlet: 5V 2,1A
Dimensions: 130x50x15 mm
Weight: approximately 300 g

1498CM/12  1 014980030

1498MN/12
multipurpose portable starter


- Motor vehicle starting with 12-volt battery (diesel and petrol engines up to 2,000 cc)
- Charging of tablets, mobile phones and electronic devices in general
- Multi-use LED torch



STANDARD ACCESSORIES


- lithium-cobalt battery
- starting cables with insulated clamps and device protecting against polarity reversal and short circuits
- USB outlet for charging electronic devices
- digital display and battery charge indicator
- USB cable with charge adapters
- mains and car power supplier

TECHNICAL DATA
Pickup current: 600A
Battery type: LiCoO2
Starting output: 12 volts

1498MN/12  1 014980000

1498MN/12-C
booster cable with clamps for item 1498MN/12



1498MN/12-C  1 014980005

1498MN/12-R
mains power supplies for mini starter LT/12-R



1498MN/12-R  1 014980003

1498MN/12-P
car socket power supply for mini starters
LT/12-P



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



The microprocessor provides full protection against:


- polarity reversal
- short circuits
- incorrect voltage
- overloads
- underdischarge
- overcharge
- overtemperature

TECHNICAL DATA
Operating voltage: 12 V
Continuous amperage: 800 A
Maximum pickup 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



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

1498/24 1 014980490

17 kg

1498B12/R02

12V spare battery for starters 12-24V



1498B12-R02 1 014980502

1498C/24

wheeled starter, 24V



- Wheeled frame for easier movements and minimized effort
- Outstanding performance for numerous starts, including particularly demanding ones
- Electronic battery charger included
- LED and sound alarms in case of polarity reversal
- Protection against voltage peaks
- Battery charge indicator
- Solid electrolyte lead-acid battery (AGM)

Continuous amperage 1700 A
 Operating voltage 24 V
 Pickup amperage 4000 A
 Cable length 2000 mm
 Cable section 70 mm
 Charging voltage 230 V
 Automatic battery charger 24 V - 10 A

1498C/24 1 014980244

1498/2A

electronic motorcycle battery charger, 12V

allows charging of all Pb Wet, Agm, Gel, Mf and Vrla battery types and LiFePo4 lithium batteries



- 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, 6-12V



- 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, 12V



- 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

1498/30A

electronic multipurpose battery charger, 6-12-24V

Allows batteries to be charged and powers motor vehicles during diagnostic operations



- maximum continuous charging current: 30A
- charging and maintenance
- battery recovery
- reprogramming and power supply
- protected against polarity reversal, short circuits, incorrect voltage and overload

TECHNICAL DATA

Power supply: 220-240V
 Power: 500W
 Charging current: 5-30A
 Battery types: Agm - Wet - Lithium (LiFePo4)
 Charging capacity: 5-300Ah
 Maintenance capacity: 5-900Ah
 Output voltage: 6-12-24 Volt

1498/30A

1 014980130

1498/50A

electronic multipurpose battery charger, 12V

For charging and powering vehicles while reprogramming and self-diagnosing



CE

50A



SPECIFICATIONS

- Max. charging/power supply current: 50 Amp
- charging
- battery recovery
- power supply for ECU diagnostic protocols
- electronic management through microprocessor
- protected against polarity reversal and short circuits

TECHNICAL DATA

Cable length: 3m
 Section: 10 mm²
 Charging capacity: 5-500Ah
 Maintenance capacity: 5-1500Ah
 Voltage: 12V

1498/50A

1 014980050

150x100x250 mm

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

CE



- 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.



CE



Technical specifications:

- self-supplied
- internal battery Pb 5 Ah
- 12 volts
- professional connection with OBD socket

1498SM

1 014980020

Beta

1498SM-C

OB2 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/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



CE

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

Beta

Beta

1498TC

digital glow plug tester

- Quick, accurate glow plug testing
- Suitable for all types of glow plugs, 4.4-5.7-8.5-10-11 Volts
- Digital backlit display
- Suitable for steel and ceramic glow plugs
- Short circuit and polarity reversal protection
- Turns off automatically when not in use
- With buzzer
- With SMD LED torch
- Compact, shockproof frame



CE

- Measurement range: 0.00÷25.0Ω
- Tolerance: ± 2%
- Resolution: 0.01
- Led Display: 1.8"
- Operating temperature: 0°C÷50°C
- Power supply: 1 9V battery (not included)

1498TC

1 014980450

1499

sonoscope probe

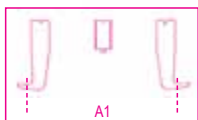


1499

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	1 015000325
1500/1-1500/2-1500/3	
1500/4-1500/5	
1500/SPV	1 015000001

1500G/...

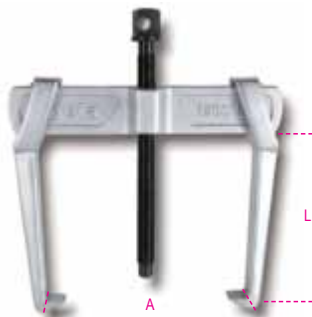
legs, pair, standard series,
for items 1500 and 1580/8I



	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	1 015000317
		1580/8I	

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	1 015000626
1500N/0-1500N/1-1500N/2-1500N/3	
1500N/4-1500N/5	
1500N/SPV	1 015000006

1500N/G...

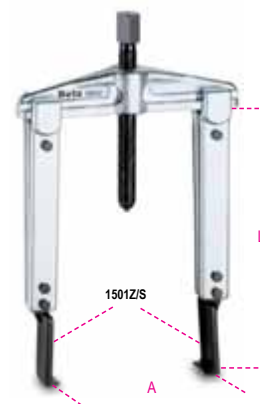
loose legs for pullers 1500N



	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

1505V

windshield and rear window wiper arm remover

Removable perforated brass tip for arm removal, with built-in washer jet



1505V	A Max mm	L mm	1	015050001
	43	37		

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

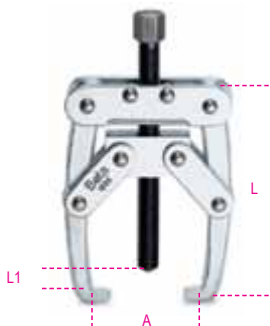


1505/C5	Ø mm	1	015050300
	12		

320x150x60 mm - 1,2 kg

1506

two-leg self-locking puller



1506	A min+Max mm	L mm	L1 mm	1	015060001
	10÷50	80	40		

1508/1 - 1508/2

two-leg pullers, light series

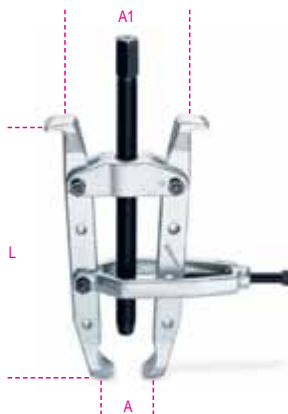


1508/1	L mm	1	015080001
	105		
1508/2	L mm	1	015080002
	130		

1508/1	A min+Max mm	L1 mm
	6÷100	105
1508/2	A min+Max mm	L1 mm
	10÷140	130

1511/1 - 1511/3

external pullers with two reversible legs



1511/1	L mm	1	015110001
	235		
1511/2	L mm	1	015110002
	330		
1511/3	L mm	1	015110003
	405		

1511/1	A min+Max mm	A1 min+Max mm
	20÷100	65÷95
1511/2	A min+Max mm	A1 min+Max mm
	40÷150	103÷190
1511/3	A min+Max mm	A1 min+Max mm
	40÷150	103÷175

1515/1 - 1515/3

pullers with two floating legs



1515/1	L mm	1	015150101
	85		
1515/2	L mm	1	015150102
	85		
1515/3	L mm	1	015150103
	105		

1515/1	A Max mm	L1 mm
	60	105
1515/2	A Max mm	L1 mm
	70	105
1515/3	A Max mm	L1 mm
	90	105

1516/1 - 1516/3

pullers with three floating legs



1516/1	L mm	1	015160001
	85		
1516/2	L mm	1	015160002
	85		
1516/3	L mm	1	015160003
	105		

1516/1	A Max mm	L1 mm
	60	85
1516/2	A Max mm	L1 mm
	70	85
1516/3	A Max mm	L1 mm
	90	105

1517

three-leg self-locking pullers

- For major pulling loads.
- Self-locking effect.



1517/90	L mm	L1 mm	Ø mm	1	015170000
	182	60	22		
1517/150	L mm	L1 mm	Ø mm	1	015170010
	242	115	22		
1517/200	L mm	L1 mm	Ø mm	1	015170020
	307	150	22		
1517/260	L mm	L1 mm	Ø mm	1	015170030
	395	180	30		

1517/90	mm	A mm	kg	N
	19	18÷90	6000	59000
1517/150	mm	A mm	kg	N
	19	25÷150	6000	59000
1517/200	mm	A mm	kg	N
	19	40÷200	6000	59000
1517/260	mm	A mm	kg	N
	27	50÷260	8000	78500

Beta

Beta

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

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

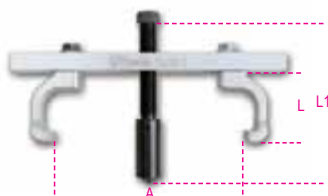


	L mm		
1521/1	135	1	015210101
1521/2	235	1	015210102

	A Max mm	L1 mm
1521/1	110	90
1521/2	160	140

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	
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
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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
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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
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760x310x100 mm - 13,5 kg

1532

packing and oil seal removal tool



1532	2	015320001
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1533/...

pullers for separators 1534



	L mm		
1533/2	150	1	015330002
1533/3	210	1	015330003
1533/4	315	1	015330004
1533/5	305	1	015330005

	A min=Max mm	L1 mm
1533/2	45÷130	110
1533/3	85÷225	175
1533/4	80÷285	175
1533/5	145÷370	235

1533PR/1 - 2 - 3

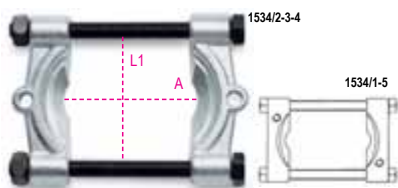
extensions for pullers 1533



1533PR/1	1	015330011
1533/2		
1533PR/2	1	015330012
1533/3		
1533PR/3	1	015330013
1533/4-5		

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
1534/5	1533/5	1	015340005

	A min=Max mm	L1 mm
1534/1	5÷60	88
1534/2	12÷75	118
1534/3	22÷115	160
1534/4	25÷155	205
1534/5	30÷220	290

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/C5 1 015350005

1533/5		
1533PR/3		
1534/5		

530x510x85 mm - 27,4 kg

1539

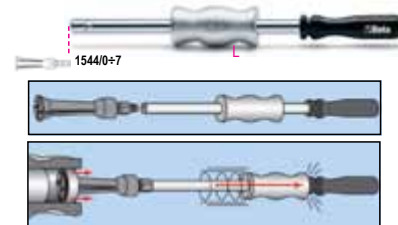
sheet sliding hammer



1539 1 015390001

1540

sliding hammer



1540 390 M10 0÷7 1 015400001

1542/1 - 1542/2

two-leg pullers for extractors

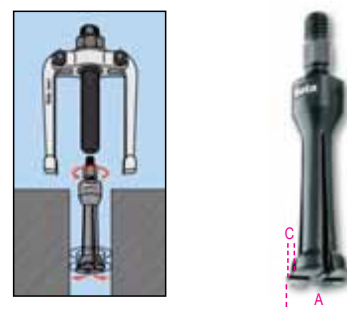


	A min=Max mm	1544 mm		
1542/1	35÷75	0÷7	1	015420001
1542/2	60÷130	9C-10C	1	015420002

	A min=Max mm	A1 mm
1542/1	35÷75	105
1542/2	60÷130	160

1544/...

internal extractors



1544/0 0,25 M10 1 015440100

A= 5÷7 1544/A 0,80 M10 1 015440105

A= 7÷9 1544/1 0,80 M10 1 015440110

A= 9÷12 1544/2 1,15 M10 1 015440120

A= 13÷17 1544/2B 1,00 M10 1 015440121

A= 14÷19 1544/3 1,70 M10 1 015440130

A= 16÷21 1544/4 1,65 M10 1 015440140

A= 20÷25 1544/5 2,00 M10 1 015440150

A= 25÷30 1544/6 3,00 M10 1 015440160

A= 30÷37 1544/7 3,80 M10 1 015440170

A= 38÷45 1544/9C 2,60 G 3/8" 1 015440189

A= 40÷75 1544/10C 7,30 G 3/8" 1 015440199

A= 70÷115

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



1547/2 1547/1



1547/C6 1 015470006

420x185x60 mm - 3 kg

1547KP

set of 3 pairs of dummy ball terminals



	∅ mm		
1547KP/1	9-11-12,5	1	015470106
1547KP/2	5-6-8	1	015470206

1547P

hexagonal extensions



	L mm		
1547P/1	205	1547/1	1 015470101
1547P/2	102	1547/2	1 015470201

1547PC/2

round extensions, short series



	L mm		
1547PC/2	42	1547/2	1 015470202

1547PL/2

round extensions, long series

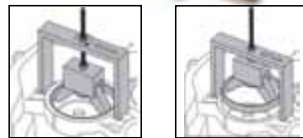


	L mm		
1547PL/2	106	1547/2	1 015470203

1548/C8

internal gearbox bearing puller for FCA and Opel group vehicles

comes with 2 pairs of legs and 4 different supports to adjust to different models manufactured since 2007



1548/C8 1 015480800

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

CE



INCREASED POWER: maximum thrust 2 tons (10 bars)
 UPPER UNIVERSAL HOLD SYSTEM: 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

TECHNICAL DATA

Maximum thrust: 2 tons (10 bars) - 1.6 tons (8 bars) - 1.2 tons (6 bars)
 Spring compression stroke: 335 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



	∅ 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

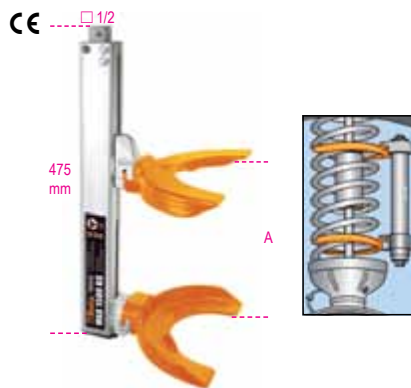


1550U/M 1 015500021

1555/Q

compressor for MacPherson and equivalent
shock absorber springs

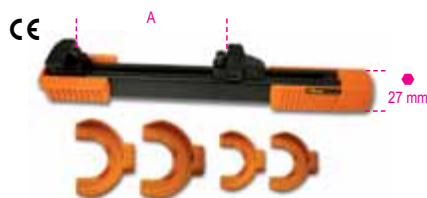
Maximum thrust: 1500 kg



A	∅		
min+Max mm	min+Max mm		
65÷354	80÷195	1	015550006

1555/QS

compressor for MacPherson and equivalent
shock absorber springs



A	∅		
min+Max mm	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

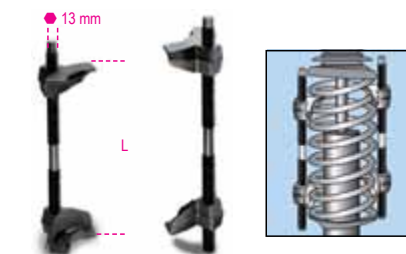
telescopic compressor for shock absorber
springs with 4 forks and torsion bar



A	∅				
min+Max mm	min+Max mm	N	t		
80÷225	90÷160	25000	8,5	1	015550202

1556/1A

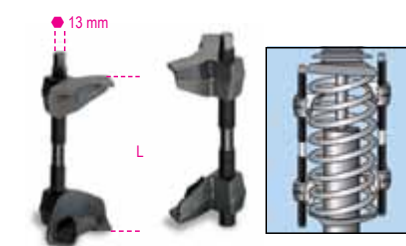
compressor for
shock absorber springs



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



L mm	L1 mm		
37	28	1	015570137
46	34	1	015570146
56	34	1	015570156

1557V

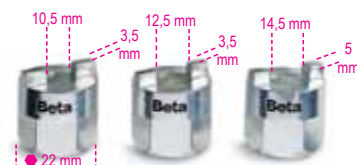
impact sockets for Volvo leaf springs



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



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

330x220x50 mm - 900 g

1558P

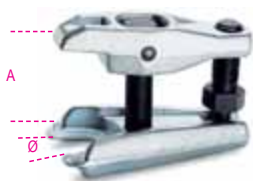
snap ring tips, pair, for item 1558



Ø mm	
2,5	1 015580125
3,0	1 015580130
3,5	1 015580135

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

1560/1 - 1560/2

ball joint pullers, professional type



	A min=Max mm	Ø mm	
1560/1	12÷50	20	1 015600001
1560/2	60÷85	20	1 015600002

1560A

ball joint puller



1560A	1 015600601
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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

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

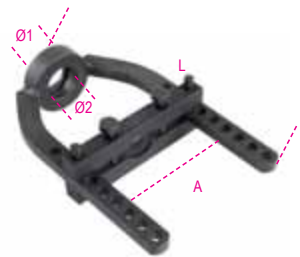
tool for removing/installing steering arms



Ø x L mm	Ø 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

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

1569/A

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
- Kit contents:
4 threaded bars: M10-M12-M14-M16
4 washers
bushings for diameters ranging from 44 mm to 82 mm



1569/A 1 015690011
530x415x115 mm

1569/B

assortment of tools for removing and installing silent blocks, oil seals and wheel bearings

diameter: 14÷32 mm



1569/B 1 015690015

1569/F

tool assortment for removing and inserting Fiat Panda, Fiat 500 and Ford Ka silentblocks



1569/F 1 015690021

1569CP

striking tools for installing conical bearings and oil seals

Quick adjustment



	\emptyset min+Max mm	L mm		
1569CP/50	9,5÷50	130	1	015690750
1569CP/90	18÷90	145	1	015690790

1570/3

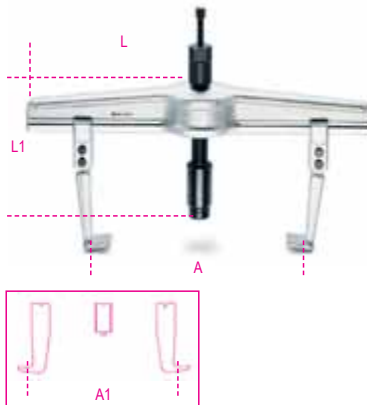
hydraulic presses for pullers



t	L mm	L1 mm	\bullet 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

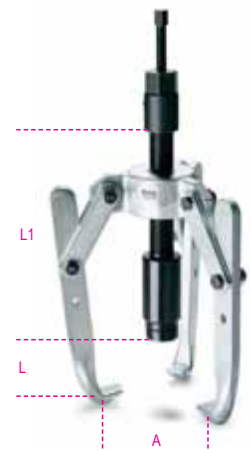
loose legs, long series, for pullers item 1580/8I



	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

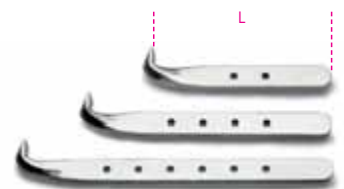


1585/5I	1	015850005
1585/6I	1	015850006
1585/7I	1	015850007

	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

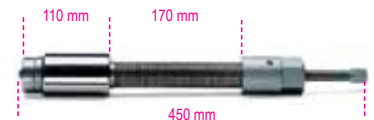
legs for hydraulic puller
1585/I-1585/6I-1585/7I



	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

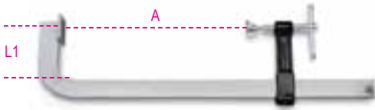
standard clamps



A max mm	L1 mm		
60	55	2	015900305
80	65	2	015900307
100	65	2	015900310
120	85	2	015900312
150	95	2	015900315

1591

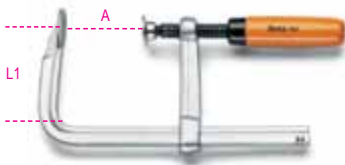
screw clamps



A mm	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

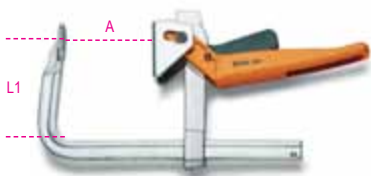
screw clamps



A mm	A max mm	L1 mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

1594

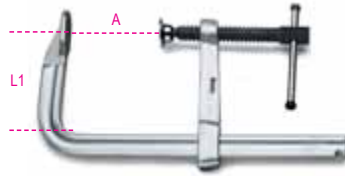
lever bar clamps



A mm	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 mm	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

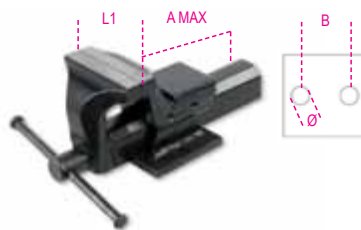
with hardened top and slides



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

1599P

parallel bench vices



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

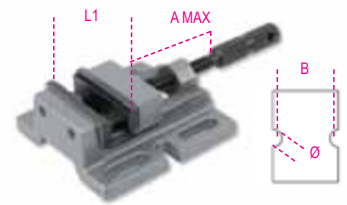
revolving bases for vices item 1599P



	1599P		
1599B 100	100	1	015990810
1599B 125	125	1	015990812
1599B 150	150	1	015990815

1599T

parallel drill vices



L1 mm	B mm	Ø mm	A MAX mm		
80	111	11	65	1	015990480
100	120	13	87	1	015990500

1599G

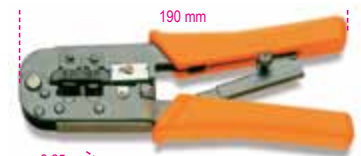
pairs of aluminium jaw covers



A mm			
100	1	015990910	
125	1	015990912	
150	1	015990915	
180	1	015990917	

1601/PC

ratchet crimping pliers
for telephone terminals
and data transmission



RJ11-RJ12-RJ45	2	016010011

1602

crimping pliers
for insulated terminals, light series



0,75-6	5	016020001	

1602/C9T

crimping pliers with assortment of 450 terminals



1602/C9T

1 016020013

1602	n.
1620	1
1620 R/6,3	50
1620 B/6,3	50
1620 G/6,3	50
1624 R/6,3	50
1624 B/6,3	50
1624 G/6,3	50
1628 R/1,6	50
1628 B/2,3	50
1628 G/3,6	50

420x350x35 mm - 1,5 kg

1602A

crimping pliers for insulated terminals, standard model

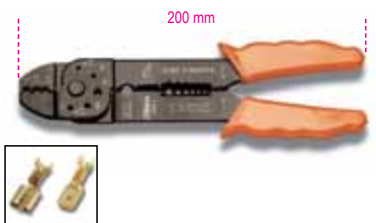


mm²
0÷6

2 016020005

1603

crimping pliers for non-insulated terminals, light series

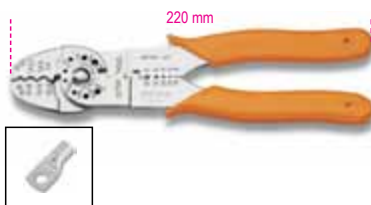


mm²
1,25÷5,5

5 016030001

1603A

crimping pliers for non-insulated closed terminals, standard model

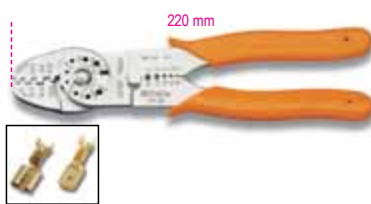


mm²
0÷8

2 016030005

1603B

crimping pliers for non-insulated open terminals, standard model



mm²
0÷8

2 016030010

1604

self-locking pliers for insulated terminals



mm²
0,5÷6

1 016040001

1604/C9T

self-locking pliers 1604 with assortment of 450 terminals



1604/C9T

1 016040013

1604	n.
1620	1
1620 R/6,3	50
1620 B/6,3	50
1620 G/6,3	50
1624 R/6,3	50
1624 B/6,3	50
1624 G/6,3	50
1628 R/1,6	50
1628 B/2,3	50
1628 G/3,6	50

420x350x35 mm - 2 kg

1605

self-adjusting pliers for non-insulated terminals



mm²
0,5÷6

1 016050001

1606

heavy duty crimping pliers for cylindrical terminals



mm²
0,5÷6

1 016060001

1606A

crimping pliers for tubular terminals



mm²
1606A6 0,5÷6
1606A16 6÷16

1 016060010
1 016060016

1606A/C9

crimping pliers for tubular terminals with assortment of 450 terminals, 0,5÷6 mm²



1606A/C9

1 016060100

1606A	n.
1632	1
1632 W/0,5K	50
1632 N/1,5K	100
1632 B/2,5K	100
1632 G/4K	100
1632 Y/6K	100

420x350x35 mm - 2,5 kg



1607

heavy duty crimping pliers
for BNC coaxial wires RG 58, RG 59,
RG 62, RG 71



6,48 - 5,41 - 1,69 mm

	L mm	A mm	B mm	
1607	220	73	19	1 016070001

1608

crimping pliers for insulated terminals,
with pressure regulator



	mm ²	
1608	0,5÷6	1 016080001

1608/C9T

pliers 1608
with assortment of 450 terminals



1608/C9T		1 016080013

		n.
1608		1
1620	R/6,3	50
1620	B/6,3	50
1620	G/6,3	50
1624	R/6,3	50
1624	B/6,3	50
1624	G/6,3	50
1628	R/1,6	50
1628	B/2,3	50
1628	G/3,6	50

420x350x35 mm - 2 kg

1608A

heavy duty crimping pliers
for insulated terminals



	mm ²	
1608A	0,75÷6	1 016080005

1609

crimping pliers for non-insulated
terminals, professional model
fast performance



	mm ²	
1609	0,5÷2,5	1 016090001

1609A

heavy duty crimping pliers
for non-insulated terminals



	mm ²	
1609A	0,5÷6	1 016090005

1609B

crimping pliers for noninsulated terminals

punch crimps,
10 mm² ÷ 120 mm²



L mm	mm ²	
600	10÷120	1 016090101

1609C/C5

oil-pressure crimping pliers
with 5 pairs of dies

hexagonal crimps,
25 mm² ÷ 240 mm²



	mm ²	
1609C/C5	50÷240	1 016090210

500x300x110 mm - 4 kg

1609M

dies for item 1609C

hexagonal crimps



	mm ²	
1609M/16	10-16	1 016090221
1609M/35	25-35	1 016090223
1609M/70	50-70	1 016090225
1609M/120	95-120	1 016090227
1609M/150	150	1 016090229
1609M/185	185	1 016090231
1609M/240	240	1 016090233

1610

ring terminals



1610R/...K
0,5+1,5 mm²

1610B/...K
1,5+2,5 mm²

1610G/...K
2,5+6 mm²

1602; 1602A; 1604; 1608; 1608A



	D mm	mm ²	L mm	
1610R/4K	4	0,5-1,5	17	1 016100104
1610R/5K	5	0,5-1,5	20	1 016100105
1610B/5K	5	1,5-2,5	22	1 016100115
1610B/6K	6	1,5-2,5	27	1 016100116
1610B/8K	8	1,5-2,5	27	1 016100118
1610G/6K	6	2,5-6	31	1 016100126
1610G/8K	8	2,5-6	34	1 016100128

The prices shown are for 100 pieces



1614

pin terminals

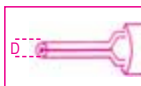


1614R/1,9K
0,5+1,5 mm²

1614B/1,9K
1,5+2,5 mm²

1614G/2,8K
2,5+6 mm²

: 1602; 1602A; 1604; 1608; 1608A



D	L		
mm	mm ²	mm	
1614R/1,9K	0,5-1,5	21	1 016140101
1614B/1,9K	1,9-2,5	21	1 016140102
1614G/2,8K	2,8	25	1 016140103

The prices shown are for 100 pieces

1616

male connectors



1616R/4K
0,5+1,5 mm²

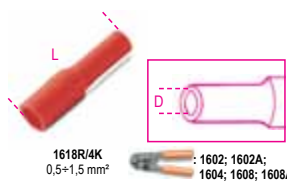
: 1602; 1602A; 1604; 1608; 1608A

D	L		
mm	mm ²	mm	
1616R/4K	4	0,5-1,5	21

The prices shown are for 100 pieces

1618

female connectors



1618R/4K
0,5+1,5 mm²

: 1602; 1602A; 1604; 1608; 1608A

D	L		
mm	mm ²	mm	
1618R/4K	4	0,5-1,5	24

The prices shown are for 100 pieces

1620

male spade terminals



1620R/6,3K
0,5+1,5 mm²

1620B/6,3K
1,5+2,5 mm²

1620G/6,3K
2,5+6 mm²

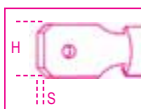
HxS

6,3x0,8 mm

HxS

6,3x0,8 mm

: 1602; 1602A; 1604; 1608; 1608A



D	L		
mm ²	mm		
1620R/6,3K	0,5-1,5	22	1 016200101
1620B/6,3K	1,5-2,5	22	1 016200102
1620G/6,3K	2,5-6	22	1 016200103

The prices shown are for 100 pieces

1622

female spade terminals



1622R/2,8K
0,5+1,5 mm²

1622B/6,3K
1,5+2,5 mm²

1622G/6,3K
2,5+6 mm²

HxS

2,8x0,5 mm

HxS

6,3x0,8 mm

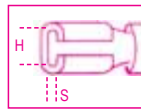
HxS

6,3x0,8 mm

HxS

6,3x0,8 mm

: 1602; 1602A; 1604; 1608; 1608A



D	L		
mm ²	mm		
1622R/2,8K	0,5-1,5	20	1 016220101
1622B/6,3K	0,5-1,5	22	1 016220103
1622B/6,3K	1,5-2,5	22	1 016220106
1622G/6,3K	2,5-6	22	1 016220108

The prices shown are for 100 pieces

1624

insulated female terminals



1624R/6,3K
0,5+1,5 mm²

1624B/6,3K
1,5+2,5 mm²

1624G/6,3K
2,5+6 mm²

HxS

6,3x0,8 mm

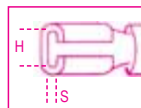
HxS

6,3x0,8 mm

HxS

6,3x0,8 mm

: 1602; 1602A; 1604; 1608; 1608A



D	L		
mm ²	mm		
1624R/6,3K	0,5-1,5	23	1 016240102
1624B/6,3K	1,5-2,5	24	1 016240104
1624G/6,3K	2,5-6	24	1 016240105

The prices shown are for 100 pieces

1628

cable connectors

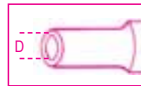


1628R/1,6K
0,5+1,5 mm²

1628B/2,3K
1,5+2,5 mm²

1628G/3,6K
2,5+6 mm²

: 1602; 1602A; 1604; 1608; 1608A



D	L		
mm	mm ²	mm	
1628R/1,6K	1,6	0,5-1,5	25
1628B/2,3K	2,3	1,5-2,5	26
1628G/3,6K	3,6	2,5-6	26

The prices shown are for 100 pieces

1630

rapid connectors



1630R/K
0,5+1,5 mm²

1630B/K
1,5+2,5 mm²

	D	L		
	mm ²	mm		
1630R/K	0,5-1,5	20	1	016300101
1630B/K	1,5-2,5	20	1	016300102

The prices shown are for 100 pieces

1632

tube terminals



: 1606; 1606A

	D	L		
	mm ²	mm		
1632W/0,5K	0,5	14	1	016320005
1632G/0,75K	0,75	14	1	016320007
1632R/1K	1	14	1	016320010
1632N/1,5K	1,5	15	1	016320015
1632B/2,5K	2,5	15	1	016320025
1632G/4K	4	17	1	016320040
1632Y/6K	6	20	1	016320060

The prices shown are for 100 pieces

1634

dual tube terminals



: 1606; 1606A

	D	L		
	mm ²	mm		
1634W/0,5K	0,5	15	1	016340005
1634G/0,75K	0,75	15	1	016340007
1634R/1K	1	15	1	016340010
1634N/1,5K	1,5	16	1	016340015
1634B/2,5K	2,5	19	1	016340025
1634G/4K	4	23	1	016340040
1634Y/6K	6	26	1	016340060

The prices shown are for 100 pieces

1639NS-N

friction tape, black



L			
m			
25	10	10	016390025

 **Beta**

1639S

nylon wire puller

with interchangeable heads



L m	Ø mm		
10	4	1	016390010

1640K

oil-pressure punching machine with 4 punches

round punches
22.5-25.5-32.5-55.5 mm



1640K	1	016400001
470x400x100 mm		

1640

sheet metal punch press



1640	1	016400100
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1640A

adapter for item 1640



1640A	1	016400080
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1640P

threaded pin for item 1640



	Ø mm		
1640P/9	9,5	1	016400088
1640P/19	19	1	016400089

1640Q

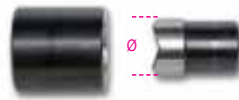
square punches for item 1640



1640Q 45	45x45	1	016400065
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1640T

round punches for item 1640



	Ø mm		
1640T 22,5	22,5	1	016400022
1640T 25,5	25,5	1	016400025
1640T 32,5	32,5	1	016400032
1640T 55,5	55,5	1	016400055

1650

sliding gauge
reading to 0.05 mm

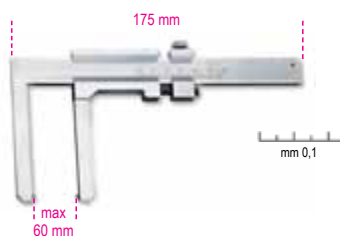


UNI EN ISO 13385-1DIN 862

A max mm	L mm		
150	235	1	016500001
200	290	1	016500002

1650FD

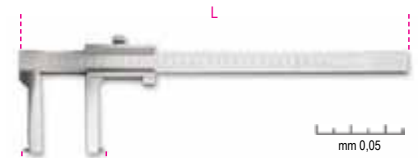
sliding gauge for brake discs
reading to 0.1 mm



1650FD	1	016500050
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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

1651DGT

digital vernier
reading to 0.01 mm

- Reading to 0.01 mm
- Screw slider locking
- Mm/inch conversion



UNI EN ISO 13385-1DIN 862CE

A Max mm	L mm		
150	225	1	016510111
200	285	1	016510112

1651DGT/IP

digital vernier,
reading to 0.01 mm, degree of protection IP67

Total protection against dust and liquids; it also works when it is completely immersed.



UNI EN ISO 13385-1 DIN 862CE

1651DGT/IP	1	016510611
270x115x35 mm - 450 g		

1652

analogue vernier,
analogue reading to 0.02 mm



UNI EN ISO 13385-1DIN 862

1652	1	016520016
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1654

workshop verniers,
reading to 0.02 mm

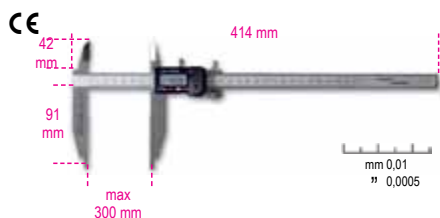


UNI EN ISO 13385-1DIN 862

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
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1656

depth gauge, reading to 0.02 mm

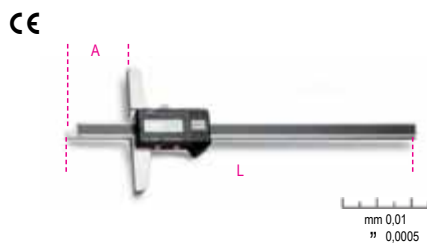


UNI EN ISO 13385-2DIN 862

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
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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

1658DGT

outside micrometers,
reading to 0.001 mm



DIN 863CE

	A mm		
1658DGT25	0÷25	1	016580325
1658DGT50	25÷50	1	016580350

1658SP/1

base for micrometer

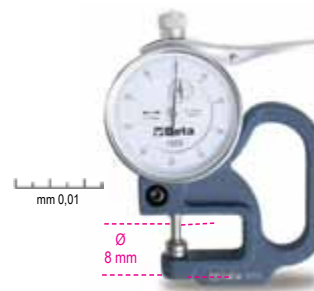


1658SP/1	1	016580910
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1659

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



	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



1662DGT/A	C mm	0-12,5	1	016620311
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1662AN

adjustable stylus dial indicator,
reading to 0.01 mm

C=Dial field



1662AN	C mm	0±0,8	1	016620200
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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	1	016660210
100	70	1	016660215
150	100	1	016660220
200	130	1	016660225
250	165	1	016660230
300	200	1	

1666A

flanged precision squares
made from stainless steel ground
and lapped



DIN 875/0

L mm	L1 mm	1	016660110
100	70	1	016660115
150	100	1	016660120
200	130	1	016660125
250	170	1	016660130
300	200	1	

1668

squares
made from normalized,
ground steel



DIN 875/2

L mm	L1 mm	2	016680210
100	70	2	016680215
150	100	2	016680220
200	130	1	016680225
250	165	1	016680230
300	174	1	

1668A

flanged precision squares
made from normalised, ground steel



DIN 875/2

L mm	L1 mm	2	016680110
100	70	2	016680115
150	100	2	016680120
200	130	1	016680125
250	165	1	016680130
300	176	1	

1670

squares
made from ground steel



L mm	L1 mm	3	016700010
100	70	3	016700015
150	100	3	016700020
200	130	3	016700025
250	160	3	016700030
300	175	2	016700040
400	230	2	016700050
500	280	2	016700060
600	330	1	016700080
800	420	1	016700090
1000	500	1	

1670A

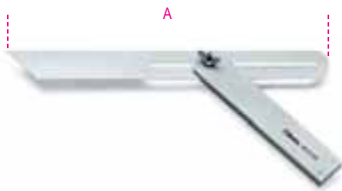
flanged precision squares
made from ground steel



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
700	375	1	016700180
1000	500	1	016700199

1672

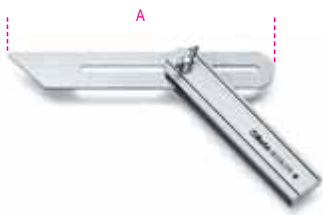
mitre square, adjustable sliding blade,
base and blade made from steel



A mm		
300	2	016720030

1672A

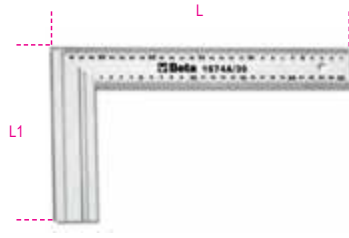
mitre square, adjustable,
sliding blade, aluminium base,
blades made from chrome-plated steel



A mm		
200	3	016720120
300	3	016720130

1674A

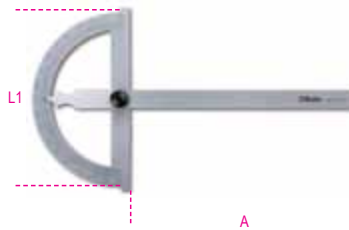
carpenter's squares blades
made from stainless steel,
with aluminium bases, double metric scale



L mm	L1 mm		
300	169	2	016740130
400	214	2	016740140

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

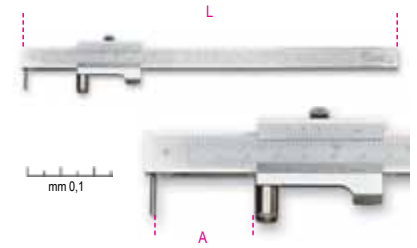


1678/C3	L Max mm	D mm		
	300	70	1	016780030

Beta

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

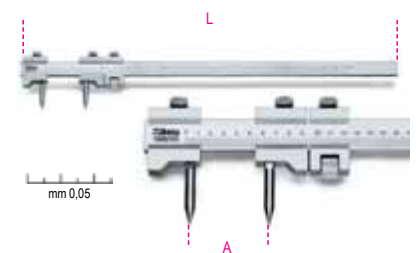
spare tip for universal gauge 1679



1679/PR	1	016790021
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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

Beta

Beta

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

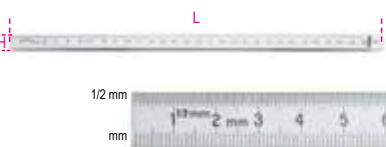
precision dividers,
hardened steel straight tips



L mm	A Max mm		
150	138	2	016800315
200	190	2	016800320
250	235	1	016800325
300	280	1	016800330

1682

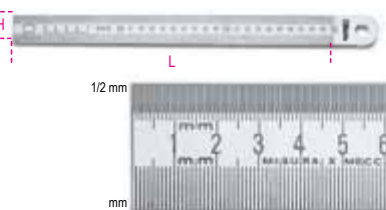
flexible graduated rules
made from stainless steel



L mm	H mm	\pm 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	\pm 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



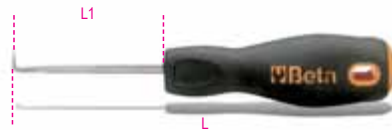
1685/C7 1 016850110

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



1687A L mm 153 L1 mm 80 1 016870120

1687AC

engineer's precision scriber,
short tip bent at 90°, with handle



1687AC L mm 153 L1 mm 80 1 016870125

1687D

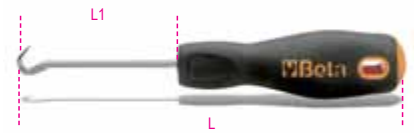
engineer's precision scriber,
straight tip, with handle



1687D L mm 153 L1 mm 80 1 016870110

1687U

engineer's precision scriber,
hook tip, with handle



1687U L mm 153 L1 mm 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



1688 L mm 250 Ø mm 2 5 016880020

1688A

engineer's scriber
made from hardened steel



1688A L mm 200 Ø mm 4 5 016880120

1688PC

engineer's scriber
made of chrome-plated, hardened steel



1688PC L mm 150 Ø mm 1 1 016880300

1688PC/R

spare tip for item 1688PC



1688PC/R 1 016880310

1688M

carpenter's pencil



1688M	L mm	50	016880880
	180		

1690F

folding ruler made of fibreglass
precision class III



1690F/2	L m	S mm	5	016900220
	2	17		

1690L

folding ruler made of birch
precision class III



1690L/2	L m	S mm	5	016900200
	2	17		

1691BM

measuring tapes
shock-resistant bimaterial ABS casings,
steel tapes,
precision class: II

CE



1691BM/5	L m	S mm	1	016910205
1691BM/8	8	32	1	016910208
1691BM/10	10	32	1	016910210

1692

measuring tapes,
shock-resistant bi-material ABS casings,
steel tapes,
precision class II

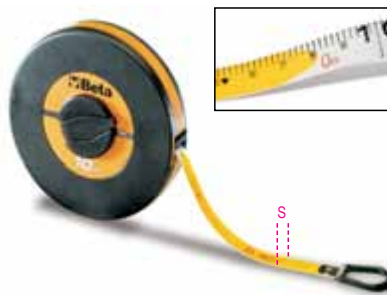
CE



1692/2	L m	S mm	5	016920052
1692/3	3	16	5	016920053
1692/5	5	19	5	016920055
1692/8	8	25	5	016920058

1694/L

measuring tapes shock-resistant
ABS casings, PVC-coated fibreglass tapes,
precision class III



1694L10	L m	S mm	1	016940110
1694L20	20	13	1	016940120

1694A/L

measuring tapes with handles,
shock-resistant ABS casings,
PVC-coated fibreglass tapes,
precision class III



1694A/L30	L m	S mm	1	016940230
1694A/L50	50	13	1	016940250

1694B/L

measuring tape with handle,
aluminium casing, varnished steel tape,
precision class II



1694B/L50	L m	S mm	1	016940350
	50	12,5		

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	5	016950250
70	48,5	20		

1696

spirit levels made from anodized profile
aluminium, with 2 unbreakable vials,
accuracy: 1 mm/m



L mm	H mm	S mm	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	2	016960103
400	43	23	2	016960104
500	43	23	2	016960105
600	43	23	2	016960106
800	43	23	1	016960108
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	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

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		
1699Q	150	40	1	016990015
	200	48	1	016990020

1700N

masonry points



	L mm	S mm		
1700N	250	16	5	017000005
	300	16	5	017000006

1700N/PM

masonry points with hand guards



	L mm	S mm		
1700N/PM	250	16	2	017000105
	300	16	2	017000106

1701N

masonry chisels



	L mm	A mm	S mm		
1701N	250	23	16	5	017010001
	300	23	16	5	017010003

1701N/PM

masonry chisels with hand guards



	L mm	A mm	S mm		
1701N/PM	250	23	16	2	017010101
	300	23	16	2	017010103

1701PMR

hand guards for items 1700N and 1701N



	D mm	L mm		
1701PMR	16	115	1	017010206

1701NE/...

electrician's chisels



	SxL mm		
1701NE3	10x200	5	017010406
1701NE4	10x250	5	017010409

1702N

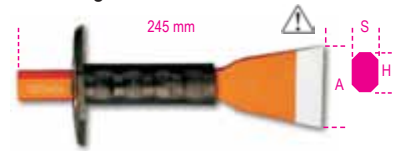
extra-wide chisels




	A mm	SxH mm		
1702N	50	12x25	2	017020005
	70	12x25	2	017020007

1702N/PM

extra-wide chisels with hand guards



	A mm	SxH mm		
1702N/PM	50	12x25	2	017020105
	70	12x25	2	017020107

 We recommend frequent cooling of the tool while regrinding it.

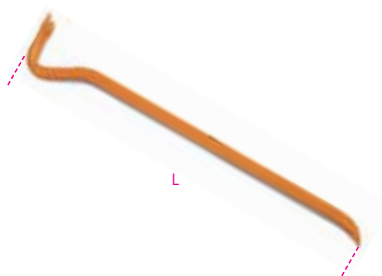
1702PMR

hand guard for item 1702N



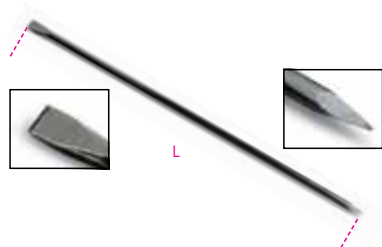
	L mm		
1702PMR	115	1	017020200

1704
carpenter's wrenching bars



L mm	6 mm	8 mm	10 mm	12 mm	14 mm
500	16	35	28		
600	16	34	26		
800	18	38	29		

1704A
crow bars with open and pointed edges



L mm	6 mm	8 mm	10 mm
1500	45	25	
2000	28	55	

1704C
crow bars with closed and pointed edges



L mm	8 mm	min-MAX mm	mm
1200	21-31	39	
1400	31-37	42	
1600	25-37	42	

1705
chalk line reel made from aluminium



L m	R	n
1705	30	4

1705PT
chalk powder



g	5
250	017050025

1706DGT
digital depth gauge for tyre threads



1706DGT	1
	017060011

1707
screw pitch gauge
For ISO 60° metric and Whitworth 55° threads



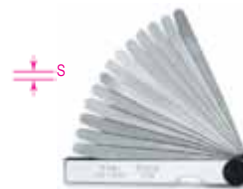
P (ISO)	W	5
0,25÷6	62÷4x1"	017070001

1707A/1 - 2 - 3
radius gauges,
concave and convex steel blades



	R mm	L mm	n
1707A/1	1,0÷7,0	70	34
1707A/2	7,5÷15	85	32
1707A/3	15,5÷25	85	30

1708/8 - 13 - 20
metric feeler gauges



	5
1708/8 S = 0,05±0,50 mm	017080008
1708/13 S = 0,05±1,00 mm	017080013
1708/20 S = 0,05±1,00 mm	017080020

1709/10 - 1709/18
nut splitters



	L mm	A max mm	1
1709/10	90	17 (M10)	017090010
1709/18	108	25 (M16)	017090018

1710
hydraulic nut splitters



C min mm	C max mm	1
7(M4)	22(M14)	017100001

1712E/1 - 2 - 3
flexible magnetic pick up tools

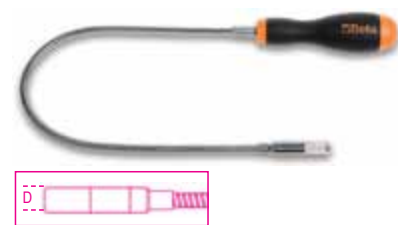
F = magnetic power



	L mm	D mm	F kg	2
1712E/1	420	7,5	0,5	017120011
1712E/2	530	15	1,8	017120012
1712E/3	532	19	3,0	017120013

1712E/L1
flexible magnetic pick-up tool with LED light

F = magnetic force
Battery: 2xLR48



	L mm	D mm	F kg	2
1712E/L1	500	11	0,75	017120111

1712E/R-L1

spare heads for item 1712E/L1, with LED and magnet

1712E/R-L1	1	017120611
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1712TF

telescopic magnet with flexible head

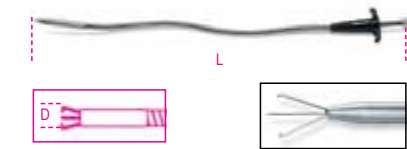
• With washer jet cleaner
F= magnetic force



L	D	F	
mm	mm	kg	
150÷590	11	1	1 017120600

1713M

flexible pickup tools



L	D	
mm	mm	
500	7	2 017130011
1000	7	1 017130015

1714

inspection mirror made from plastic



L	D		
mm	mm		
1714	155	25	
			5 017140001

1715

telescopic joint inspection mirror
chrome-plated metal body



L	D		
mm	mm		
1715	180÷540	30	
			1 017150001

1715FL/A

square flexible inspection mirror



L	A	B	
mm	mm	mm	
1715FL/A	600	53	90
			1 017150110

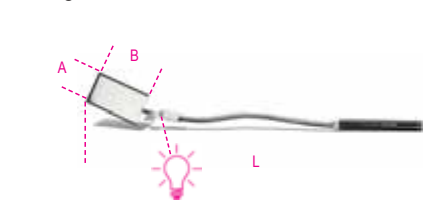
1715R/FL

kit of 2 inspection mirrors for items 1715FL/A and 1715FL/B

1715R/FL	1	017150151
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1715FL/B

rectangular flexible inspection mirror
with light



L	A	B	
mm	mm	mm	
1715FL/B	553	53	90
			1 017150115

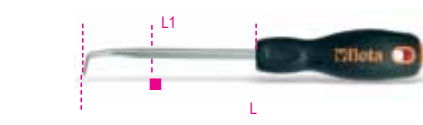
1715B/R5L

kit of 5 spare light bulbs for item 1715FL/B

1715B/R5L	1	017150152
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1716A

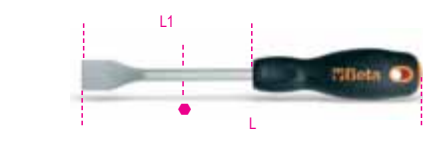
angled bit for general use



L	L1	■	
mm	mm	mm	
1716A	240	125	6
			3 017160040

1716P

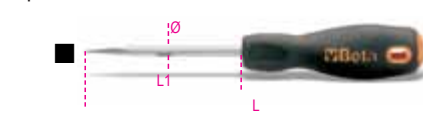
packing scraper



L	L1	●	
mm	mm	mm	
1716P	250	125	6
			3 017160020

1716Q

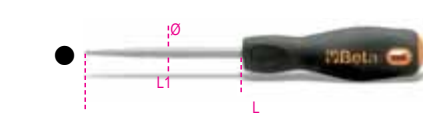
square bit reamer



L	L1	□	
mm	mm	mm	
1716Q	215	100	6
			5 017160010

1716R

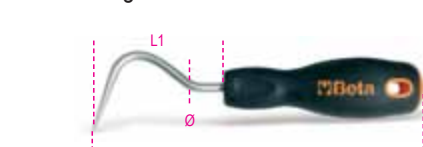
round bit reamer



L	L1	∅	
mm	mm	mm	
1716R	215	100	6
			5 017160001

1716U

hook bit for general use



L	L1	∅	
mm	mm	mm	
1716U	195	80	6
			3 017160025

1717A

scrapers, two cutting edges



L	L1	L2	
mm	mm	mm	
150	70	260	2 017170015
200	75	310	2 017170020
250	100	360	2 017170025

1717B

scrapers, three cutting edges



L	L1	L2	
mm	mm	mm	
150	75	260	2 017170115
200	85	310	2 017170120
250	100	360	2 017170125

1717C

flat scrapers, varnished



L	S	L1	
mm	mm	mm	
150	18	270	2 017170215
200	20	320	2 017170220
250	25	370	2 017170225

1717D

flat scraper, front cut



L	S	L1	
mm	mm	mm	
1717D 150	150	23	240
			2 017170320

1718D...Q

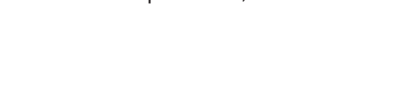
rough square files, without handles



L	L		
mm	"		
1718D6/Q	150	6	
1718D8/Q	200	8	
1718D10/Q	250	10	
			5 017180121
			5 017180131
			5 017180141

1718A...Q

second-cut square files, without handles



L	L		
mm	"		
1718A6/Q	150	6	
1718A8/Q	200	8	
1718A10/Q	250	10	
			5 017180021
			5 017180031
			5 017180041

1718D...T

rough triangular files, without handles



	L mm	L "		
1718D6/T	150	6	5	017180123
1718D8/T	200	8	5	017180133
1718D10/T	250	10	5	017180143

1718A...T

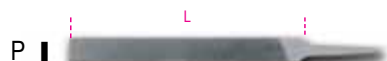
second-cut triangular files, without handles



	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



	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



	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



	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



	L mm	L "		
1718A6/M	150	6	5	017180027
1718A8/M	200	8	5	017180037
1718A10/M	250	10	5	017180047

1718D...R

rough round files, without handles



	L mm	L "		
1718D6/R	150	6	5	017180129
1718D8/R	200	8	5	017180139
1718D10/R	250	10	5	017180149

1718A...R

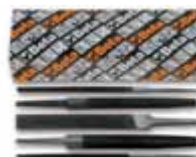
second-cut round files, without handles



	L mm	L "		
1718A6/R	150	6	5	017180029
1718A8/R	200	8	5	017180039
1718A10/R	250	10	5	017180049

1718D...S5

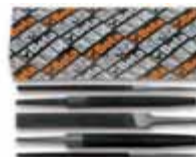
set of 5 rough files, without handles



	L mm	L "		
1718D6/S5	150	6	1	017180130
1718D8/S5	200	8	1	017180140
1718D10/S5	250	10	1	017180150

1718A...S5

set of 5 second-cut files, without handles



	L mm	L "		
1718A6/S5	150	6	1	017180030
1718A8/S5	200	8	1	017180040
1718A10/S5	250	10	1	017180050

1719BMD...Q

rough square files, with handles



	L mm	L "		
1719BMD6/Q	150	6	5	017190191
1719BMD8/Q	200	8	5	017190221
1719BMD10/Q	250	10	5	017190241
1719BMD12/Q	300	12	3	017190325

1719BMA...Q

second-cut square files, with handles



	L mm	L "		
1719BMA6/Q	150	6	5	017190021
1719BMA8/Q	200	8	5	017190052
1719BMA10/Q	250	10	5	017190071
1719BMA12/Q	300	12	3	017190311

1719BMX...Q

smooth square files, with handles



	L mm	L "		
1719BMX6/Q	150	6	5	017190022
1719BMX8/Q	200	8	5	017190053
1719BMX10/Q	250	10	5	017190072

1719BMD...T

rough triangular files, with handles



	L mm	L "		
1719BMD6/T	150	6	5	017190193
1719BMD8/T	200	8	5	017190223
1719BMD10/T	250	10	5	017190243
1719BMD12/T	300	12	3	017190326

1719BMA...T

second-cut triangular files, with handles



	L mm	L "		
1719BMA6/T	150	6	5	017190023
1719BMA8/T	200	8	5	017190054
1719BMA10/T	250	10	5	017190073
1719BMA12/T	300	12	3	017190313

1719BMX...T

smooth triangular files, with handles



	L mm	L "		
1719BMX6/T	150	6	5	017190024
1719BMX8/T	200	8	5	017190055
1719BMX10/T	250	10	5	017190074

1719BMD...P

rough flat files, with handles



	L mm	L "		
1719BMD6/P	150	6	5	017190195
1719BMD8/P	200	8	5	017190225
1719BMD10/P	250	10	5	017190245
1719BMD12/P	300	12	3	017190327

1719BMA...P

second-cut flat files, with handles



	L mm	L "		
1719BMA6/P	150	6	5	017190025
1719BMA8/P	200	8	5	017190056
1719BMA10/P	250	10	5	017190075
1719BMA12/P	300	12	3	017190315

1719BMX...P

smooth flat files, with handles



	L mm	L "		
1719BMX6/P	150	6	5	017190026
1719BMX8/P	200	8	5	017190057
1719BMX10/P	250	10	5	017190076

1719BMD...M

rough half-round files, with handles



	L mm	L "		
1719BMD6/M	150	6	5	017190197
1719BMD8/M	200	8	5	017190227
1719BMD10/M	250	10	5	017190247
1719BMD12/M	300	12	3	017190328

1719BMA...M

second-cut half-round files, with handles



	L mm	L "		
1719BMA6/M	150	6	5	017190027
1719BMA8/M	200	8	5	017190058
1719BMA10/M	250	10	5	017190077
1719BMA12/M	300	12	3	017190317

1719BMX...M

smooth half-round files, with handles



	L mm	L "		
1719BMX6/M	150	6	5	017190028
1719BMX8/M	200	8	5	017190059
1719BMX10/M	250	10	5	017190078

1719BMD...R

rough round files, with handles



	L mm	L "		
1719BMD6/R	150	6	5	017190199
1719BMD8/R	200	8	5	017190229
1719BMD10/R	250	10	5	017190249
1719BMD12/R	300	12	3	017190329

1719BMA...R

second-cut round files, with handles



	L mm	L "		
1719BMA6/R	150	6	5	017190029
1719BMA8/R	200	8	5	017190060
1719BMA10/R	250	10	5	017190079
1719BMA12/R	300	12	3	017190319

1719BMX...R

smooth round files, with handles



	L mm	L "		
1719BMX6/R	150	6	5	017190031
1719BMX8/R	200	8	5	017190061
1719BMX10/R	250	10	5	017190081

1719BMD...S5

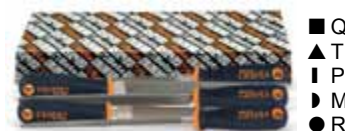
set of 5 rough files, with handles



	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

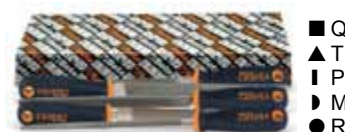
set of 5 second-cut files, with handles



	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	250	10	5	017190152
300	300	12	5	017190153

1719BMC

half-round and flat files, plastic handles

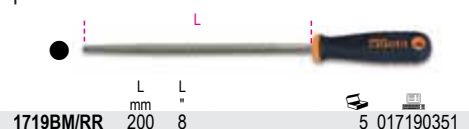


UNI 5569 - UNI 5568

	L mm	L "		
1719BMC/M 250	250	10	6	017190252
1719BMC/M 300	300	12	4	017190253
1719BMC/P 250	250	10	6	017190262
1719BMC/P 300	300	12	4	017190263

1719BM/RR

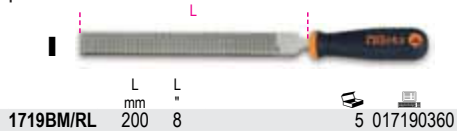
round rasp, plastic handle



	L mm	L "		
1719BM/RR	200	8	5	017190351

1719BM/RL

flat rasp file,
plastic handle



1719BM/RL	L mm	L "	5	017190360
	200	8		

1719BMR

handles for files

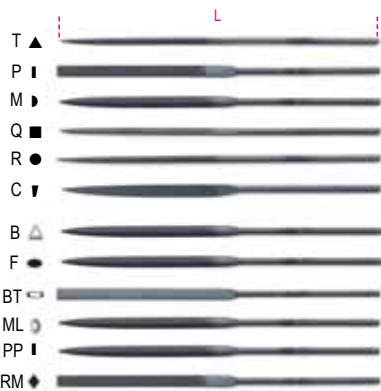


	L mm	A mm		
1719BMR/0	95	25	10	017190950
1719BMR/0B	110	29	10	017190955
1719BMR/1	110	29	10	017190951
1719BMR/1B	110	29	10	017190953
1719BMR/2	123	31	10	017190952
1719BMR/2B	123	31	10	017190954

	mm			
1719BMR/0	100/150	4/6	▲	▶
1719BMR/0B	100/150	4/6	■	●
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/...

needle files



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
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1720/B

set of 6 needle files in plastic wallet



1720/B6	1	017200002
1720/B12	1	017200003

1720D/...

diamond needle files



	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
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1721/B6

set of 6 files for ignition contacts
in plastic wallet



1721/B6	1	017210010
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1723

spring puller



1723	L mm	5	017230001
	210		

1725

hacksaw frame



1725	L mm	L1 mm	4	017250001
	420	300		

1725CR

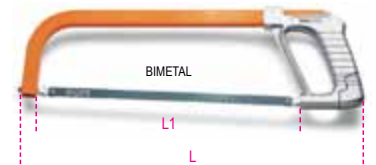
mini hacksaw frame



1725CR	L mm	L1 mm	5	017250010
	250	150		

1726

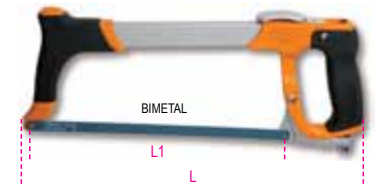
hacksaw frame, blade attachment
system in the handle



1726	L mm	L1 mm	4	017260001
	440	300		

1726BM

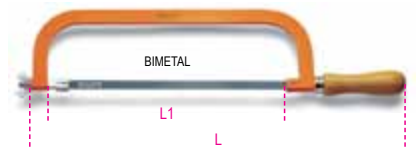
Hacksaw frame with quick release blade
attachment system



1726BM	L mm	L1 mm	1	017260050
	400	300		

1727

hacksaw frame, heavy series



1727	L mm	L1 mm	4	017270001
	515	300		

1727BM

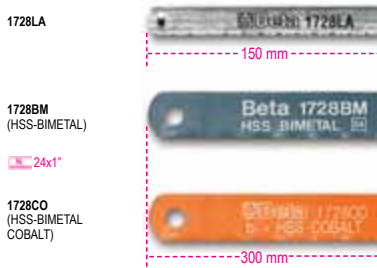
hacksaw frame,
one hand grip



1727BM	L mm	L1 mm	5	017270020
	315	300		

1728...

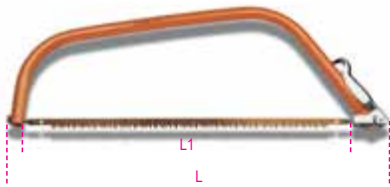
blades for hacksaw frames



1728LA	100	017280001
1725CR		
1725MQ		
1728BM	100	017280010
1725-1726		
1727-1727M		
1728CO	50	017280030
1725-1726		
1727-1727M		

1729

fixed frame hacksaw



1729	L mm	L1 mm	5	017290001
	710	610		

1729LR

spare blade for item 1729



1729LR	10	017290010
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1729CG

plasterboard saw



1729CG	L mm	L1 mm	2	017290200
	310	160		

1729DM 450

wood rip saw

medium toothing, 12 teeth/inch



1729DM 450	L mm	L1 mm	4	017290450
	450	400		

1736A

file brush



1736A	L mm	10	017360010
	240		

1737

brush, brass wires



1737	L mm	10	017370001
	145		

1737NX

brake shoe cleaning brush
plastic handle steel wires



1737NX	L mm	5	017370010
	270		

1737AC

steel wire brush



1737AC	L mm	5	017370020
	275		

1737B

pairs of battery lug and post cleaner steel brushes



1737B	1	017370050
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1738

bristle brush



1738	L mm	H mm	10	017380001
	210	30		

1739B

lazy tongs riveter, supplied with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
Aluminium	•	•	•	•	•	•
Stainless steel	•	•	•	•		

1739B	1	017390151
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1740A

heavy duty riveting pliers supplied with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
aluminium	•	•	•	•	•	•
stainless steel	•	•	•	•		

1740A	1	017400101
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1740B

compact heavy-duty riveting pliers, supplied with 5 interchangeable nozzles



Ø mm	2,4	3	3,2	3,2	4,8
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

1740B 280	L mm	1	017400280
	280		

Ø mm	3,2	4	4,8	5	6	6,4
aluminium	•	•	•	•	•	•
steel	•	•	•	•	•	•
stainless steel	•	•	•	•	•	•


1740B 330	L mm	1	017400330
	330		

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  1 017410191


ØxL = 3x6 mm

1741RV 3,2K  1 017410192


ØxL = 3,2x8 mm

1741RV 3,8K  1 017410193

ØxL = 4x10 mm

1741RV 4K  1 017410194

ØxL = 4x12 mm

1741RV 4,8K  1 017410195


ØxL = 4,8x12 mm

The prices shown are for 500 pieces

1742

riveting pliers for threaded rivets, with 4 interchangeable mandrels



1742  1 017420001

M	Ø mm	L mm
3	5	11
4	6	11
5	7	13
6	9	17

1742KR

spare mandrels for item 1742




M3	1 017420043
M4	1 017420044
M5	1 017420045
M6	1 017420046

1742R-AL/M...


aluminium threaded rivets for items 1742-1742A-1946KF



1742R-AL M3  1 017420023


ØxL = 5x10 mm

M = 3

1742R-AL M4  1 017420024


ØxL = 6x12 mm

M = 4

1742R-AL M5  1 017420025

ØxL = 7x13 mm

M = 5

1742R-AL M6  1 017420026

ØxL = 9x15 mm


M = 6

The prices shown are for 20 pieces

1742R-A/M...


steel threaded rivets for items 1742-1742A-1946KF



1742R-A M3  1 017420013


ØxL = 5x11 mm

M = 3

1742R-A M4  1 017420014


ØxL = 6x11 mm

M = 4

1742R-A M5  1 017420015


ØxL = 7x13 mm

M = 5

1742R-A M6  1 017420016


ØxL = 9x17 mm

M = 6

• 1742R-A M8  1 017420018

ØxL = 11x17 mm

M = 8

• 1742R-A M10  1 017420020

ØxL = 13x24 mm

M = 10

The prices shown are for 20 pieces

• The prices shown are for 10 pieces



1742/C4

riveting pliers item 1742
with assortment of 400 threaded
steel insets



1742/C4 1 017420005

	M	∅ 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

1742A

heavy duty riveting pliers for threaded insets,
with 4 interchangeable mandrels

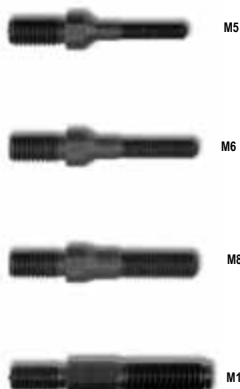


1742A 1 017420100

M	∅ mm	L mm
5	7	13
6	9	17
8	11	17
10	13	24

1742A/KR

spare pins for item 1742A



1742A/KR M5	M5	1	017420143
1742A/KR M6	M6	1	017420144
1742A/KR M8	M8	1	017420145
1742A/KR M10	M10	1	017420146

1742A/C

riveting pliers item 1742A with assortment
of 60 threaded steel insets



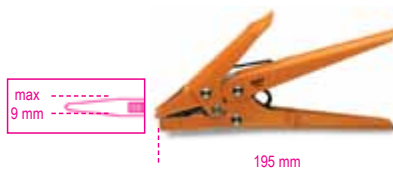
1742A/C 1 017420105

	M	∅ 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

536x310x80 mm - 2,1 kg

1743

fitting tool for nylon ties



1743 1 017430001

1743T

cable tie cutting tool

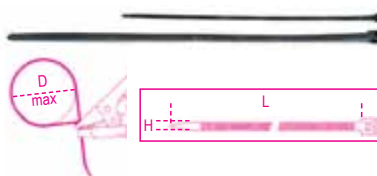
• Also suitable for cutting small cables
(3x1.5mm²; 1x17mm²)



1743T 1 017430100

1748/...K

nylon cable ties, self-locking head



1748/3K 1 017480203

HxL = 2,5x100 mm
D = 18 mm

1748/6K 1 017480206

HxL = 2,5x160 mm
D = 40 mm

1748/7K 1 017480207

HxL = 3,6x150 mm
D = 33 mm

1748/8K 1 017480208

HxL = 3,6x200 mm
D = 46 mm

1748/9K 1 017480209

HxL = 3,6x300 mm
D = 70 mm

1748/14K 1 017480214

HxL = 4,8x190 mm
D = 43 mm

1748/17K 1 017480217

HxL = 4,8x300 mm
D = 72 mm

1748/18K 1 017480218

HxL = 4,8x360 mm
D = 85 mm

1748/23K 1 017480223

HxL = 7,6x300 mm
D = 67 mm

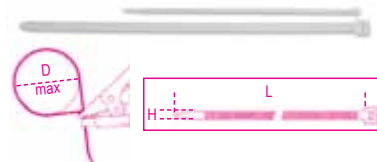
1748/24K 1 017480224

HxL = 7,6x368 mm
D = 88 mm

The prices shown are for 100 pieces

1748B/...K

nylon cable ties, self-locking head



1748B/3K 1 017480303

HxL = 2,5x100 mm
D = 18 mm

1748B/6K 1 017480306

HxL = 2,5x160 mm
D = 40 mm

1748B/7K 1 017480307

HxL = 3,6x150 mm
D = 38 mm

1748B/8K 1 017480308

HxL = 3,6x200 mm
D = 46 mm

1748B/9K 1 017480309

HxL = 3,6x300 mm
D = 70 mm

1748B/14K 1 017480314

HxL = 4,8x190 mm
D = 44 mm

1748B/17K 1 017480317

HxL = 4,8x300 mm
D = 72 mm

1748B/18K 1 017480318

HxL = 4,8x360 mm
D = 86 mm

The prices shown are for 100 pieces

1749

bonding gun varnished metal sheet



1749 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	2	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



1 g, 550 bar Max

cc	L mm		
500	380	1	017500500
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

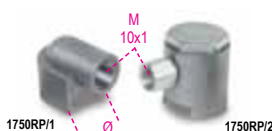
4-jaw grease fitting "Hydraulic" type



	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	

1750M

mini grease gun

- With micro nozzle
- Particularly suitable for pneumatic tools



	cc	D mm	L mm		
1750M	100	43	145	1	017500025

1751

metal pressure oil cans flexible spout



cc	D mm	L mm		
200	62	140	4	017510002
300	75	140	4	017510003
500	85	140	4	017510005
750	100	140	2	017510007
1000	100	140	2	017510011

1751R

spare spout for item 1751



200+1000	5	017510010	

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
700	95	140	2	017520007

1752R

spare spout for item 1752



cc		
200÷700	5	017520020

1753

plastic pressure oil cans flexible spouts



cc	D mm	L mm		
200	65	190	4	017530002
300	80	190	4	017530003
500	95	190	4	017530005
700	95	190	2	017530007

1753R

spare spout for item 1753



cc		
200÷700	5	017530020

1754

plastic pressure oil cans flexible plastic spouts



cc	D mm	L mm		
150	60	130	5	017540015
250	65	130	5	017540025

1755

plastic oil bottles retractable spouts



cc	L mm	A mm		
30	160	30	5	017550003
80	170	47	5	017550008
150	230	58	5	017550015

1756

pen oiler



cc	L mm		
5	140	2	017560001

1756B

pen oiler



cc	L mm		
500	280	2	017560220

Beta

1756C

suction gun, 200 ml, made of polypropylene

- Also suitable for braking system fluid
- Double EPDM gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel

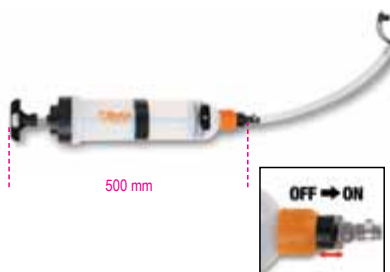


1756C	1 017560502

1756D

suction gun, 1500 ml, made of polypropylene

- Double NBR gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel



1756D	1 017560515

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

Beta

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



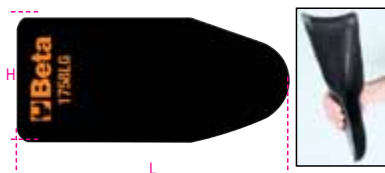
1758			
		1	017580020

1758A
non-return funnel
with quick coupling, Ø 38 mm
For Volkswagen group cars



1758A			
		1	017580010

1758LG
formable, rubber-covered aluminium foil,
for canalizing liquids



L mm	H mm		
365	168	1	017580006

1758M
funnel



1758M	L mm		
	350	1	017580000

1758R
liquid containers

Convenient, removable, flexible spout



1758R	lit		
3	3	1	017580203
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



1759A $\frac{L}{mm}$ 340 1 017590001

1759B

acid densimeter, glass body



1759B $\frac{L}{mm}$ 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 $\frac{L}{mm}$ 600x500x140 mm - 6,5 kg

1759HD/RR

cooling system filling tool



1759HD/RR 1 017590064 $\frac{L}{mm}$ 450x310x110 mm - 2,2 kg

1759HD/TRUCK

truck cooling system testing and sealing tool



1759HD/TRUCK 1 017590065 $\frac{L}{mm}$ 440x330x100 mm - 3 kg

1759TT

Kit of 4 pairs of turbo circuit testing caps, for use with tyre inflators



1759TT 1 017590300 $\frac{L}{mm}$ 400x160x100 mm - 1,8 kg

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: 400 Ω -4/40/400k Ω -4/40M Ω
Capacity: 40/400nF-4/40/100 μ F
Frequency: 5/50/500Hz-50/500-10MHz
Duty cycle: 0.1% - 99.9%
Pulse amplitude: 1 - 10ms
Diode test: Test current 0.3mA
Continuity: <150 Ω - 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

 **Beta**

1760B

digital multimeter



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)

1760B 1 017600012

1760/OHM

Multimeter/megohmmeter for high voltage insulation testing.
 TRUE RMS indicator



CE

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: 0.01 - 5000MΩ	±4% rdg. max current 1mA
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



CE

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

1760PA/80

AC/DC amperometric clamp, 80A

Designed to measure low current leakage or absorption values on vehicles



CE

- Range: 1mA-80AAC/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



CE

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



CE

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

1760DGT-R3

spare leads for digital multimeters and amperometric clamps



1760DGT-R3

1 017600603

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, 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	H
	mm	mm
1760/TC2	230	74

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)



1760K 1 017600140

1760PT

combination voltage and continuity tester, 12-690V AC/DC

Functions:

- continuity
- phase rotation
- mains testing
- LED torch



1760PT 1 017600150

1760/IR800

digital infrared thermometer with dual laser aiming system



TECHNICAL DATA
 Range: -50 °C to +800 °C / -58 °F to +1472 °F
 Scale selection: °C/°F
 Accuracy: ±1.0% or ±1.0 °C to 20 °C
 Laser power: <1mW
 Response: 150ms
 Emissivity: 0.10-1.0 adjustable
 Distance ratio: (D:S) 20:1
 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)
 Soft cloth case (included)
 Operating manual

1760/IR800 1 017600380

1760/IR1600

digital infrared thermometer with laser aiming system



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

1760/IR1600 1 017600460

1761

wire twisting pliers with automatic return



1761 1 017610101

1761RS/1

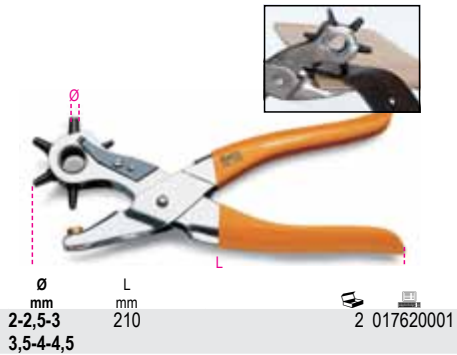
reversible wire twisting pliers with automatic return



1761RS/1 1 017610130

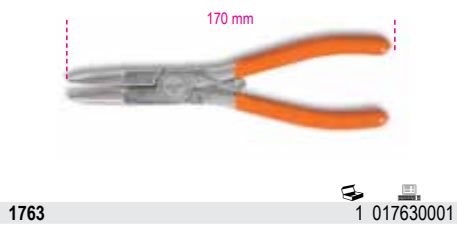
1762

revolving punch pliers



1763

Car upholstery clip pliers



1763G/S500

500 car upholstery clips



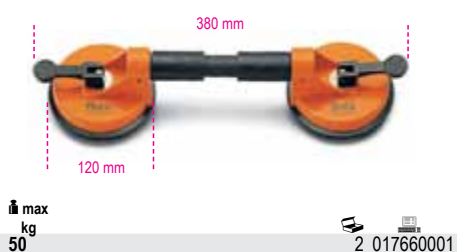
1765/C24

cases with 24 tools for pulling out car radios



1766

double suction lifter



1766A

single suction cup



1766/8

assortment of 8 tools for car glass windows



1766ER

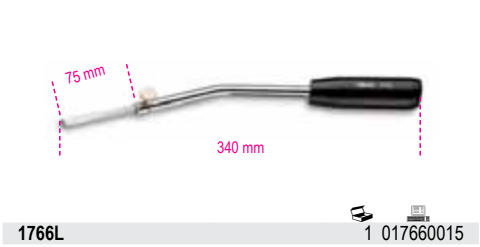
window trim removal tool with handle

Allows window trims to be easily removed, with no risk of damage



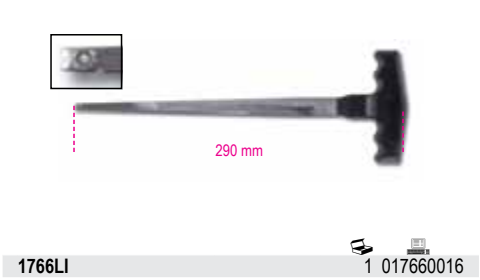
1766L

lever for glass windows



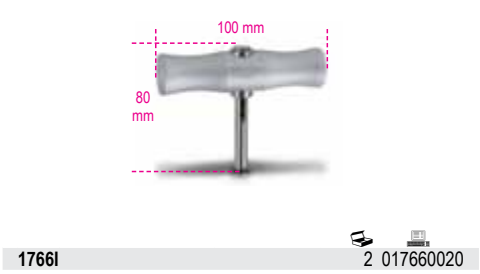
1766LI

lever for inserting car glass window cutting cable sharp edges for cutting bonds



1766I

handle for steel cable item 1766G



1766G

steel cable for car windows

Square section



1766T

steel cable for glass windows

triangular section



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

1767PMC

magnetic tool holder, round



1767PMC

1 017670020

1767PMR

magnetic tool holder, rectangular



1767PMR

1 017670010

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 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

1771RL

18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM



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, 1772R, 1772H, 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

1774

multi-function scraper with blade guard



1774 L mm 165 L1 mm 60 5 017740001

1774A

multifunction scraper,
bi-material handle



1774A L mm 300 L1 mm 40 1 017740011

1774A/RL

10 blades for multifunction scraper item 1774A



1774A/RL 1 017740511

1777BM

foldaway knife with wire stripping notch,
stainless steel blade



1777BM L mm 190 L1 mm 80 A mm 16 5 017770100

1777T

foldaway knife with trapezoidal stainless steel
blade, 5 spare blades



1777T L mm 160 A mm 19 L1 mm 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



1777BMT L mm 170 L1 mm 80 A mm 19 5 017770050

1778CM

camouflage foldaway knife,
hardened steel blade,
in case



1778CM L mm 195 A mm 24 L1 mm 80 5 017780099

1778D

foldaway knife,
stainless steel blade and handle,
in case



1778D L mm 180 A mm 22 L1 mm 78 5 017780060

1778SCL

foldaway knife with soft carbon look finish,
hardened steel blade,
in case



1778SCL L mm 180 A mm 22 L1 mm 78 5 017780089

1778SOS

car service knife
with window breaking hammer
and seat belt cutter features
in case



1778SOS L mm 205 A mm 25 L1 mm 85 5 017780080

1778V18

foldaway knife,
aluminium handle
• in case



1778V18 L mm 195 A mm 25 L1 mm 85 5 017780018

1778W

foldaway knife,
stainless steel blade,
handle with wooden inserts,
in case



1778W L mm 180 A mm 22 L1 mm 78 5 017780025

1778X

knives for nautical maintenance, stainless
steel blades, aluminium handles
in case



1778X L mm 185 L1 mm 85 A mm 25 2 017780050

1781

slim, long blade scissors



L	mm		
1781	132	2	017810001

1783

light duty scissors



L	mm		
1783	215	5	017830021
	240	5	017830024

1784

heavy duty scissors



L	mm		
1784	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	B	S	
mm	mm	mm	
1800	160	150	2+55
			3 018000000

1808

dual rating soldering iron with steel tips
1824R8



W	V		
20/130	230	1	018080001

1812 150

instant heat soldering iron

CE



230V
L=1,25 m Euro

W	V		
1812	150	1	018120015

1814M

soldering irons
with steel tips

CE



L=1,2 m
230V
Schuko

W	V		
1814M	25	1	018140225
	30	1	018140230
	40	1	018140240

1820

soldering irons



L=1,25 m
230V
Shuko

1820	30	1	018200003
	30W		
	L = 210mm		
1820	60	1	018200006
	60W		
	L = 220mm		
1820	80	1	018200008
	80W		
	L = 260mm		

1822

high-performance soldering irons

CE



230V
Shuko
L=1,25 m

1822	120	1	018220012
	120W		
	LxA = 250x125 mm		
1822	180	1	018220018
	180W		
	LxA = 250x125mm		
1822	320	1	018220032
	320W		
	LxA = 250x140mm		

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).

CE



W	V		
1823	60	1	018230060

1823R/60

spare soldering iron for item 1823 60

CE



1823R	60	1	018230066
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1824R

spare tips for soldering irons



1824R	08	1	018240100
	1808		
1824R	12	1	018240301
	1812/150		
1824R	14-M25	1	018240152
	1814M/25		
1824R	14-M30	1	018240153
	1814M/30		
1824R	14-M40	1	018240154
	1814M/40		
1824R	20	1	018240302
	1820/30		
1824R	60	1	018240303
	1820/60		
1824R	80	1	018240304
	1820/80		
1824R	120-180	1	018240305
	1822/120 -/180		
1824R	320	1	018240307
	1822/320		
1824R	ST-60	1	018240308
	1823-60		

1825B

soldering tin wire with antioxidant

- 1 mm²; 250 g
- Sn 99.3%; Cu 0.7%



1825B		1	018250251
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1827

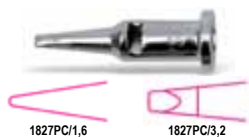
gas soldering iron, adjustable



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



- 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



1830T 5 018300021

1834L/USB

rechargeable high-brightness LED torch, made of sturdy anodized aluminium, up to 450 lumens
USB recharged

flat battery indicator (appearing when battery charge is down to 20%)
battery life: 4h



1834L/USB 1 018340075

1834RB-L/USB

spare battery for item 1834L/USB

1834RB-L/USB 1 018340975

1834PS

high-brightness LED torch, made of sturdy, anodized aluminium, up to 300 lumens

- Batteries (not included): 2xAAA (life 9/29 h)
- Lumens: 300>100>OFF
- IPX6



1834PS 1 018340310

1834PM

high-brightness LED torch, made of sturdy, anodized aluminium, up to 350 lumens

- Batteries (not included):
- 1xAAA (life 11/33 h)
- 2xAAA (life 13/39 h)
- 3xAAA (life 15/45 h)
- Lumens: 350>40>OFF
- Charge indicator
- IPX6



1834PM 1 018340320

1834PL

high-brightness LED torch, made of sturdy, anodized aluminium, up to 500 lumens

- Batteries (not included):
- 1xAA (life 20/60 h)
- 2xAA (life 28/84 h)
- 3xAA (life 36/108 h)
- Lumens: 500>40>OFF
- Charge indicator

• IPX6



1834PL 1 018340325

1834PXL

high-brightness LED torch,
made of sturdy, anodized aluminium,
up to 1350 lumens

- Batteries (not included) : 3xD (life 36/108 hr)
- Lumens: 1350>450>OFF
- Charge indicator
- IPX6



L
mm
315

1 018340330

1834RR

LED torch,
rechargeable in cigarette lighter socket

Adjustable focus
Rechargeable in cigarette lighter socket, 10-28V DC
IP30
130 lumens



1834RR

1 018340520

1835/1

LED inspection torch,
made of sturdy anodized aluminium

1xAAA battery (not included)



L
mm
105

3 018350030

1835/2

LED inspection torch,
made of sturdy anodized aluminium

2xAAA batteries (not included)



L
mm
145

3 018350060

1836A

LED headlamp, dual brightness, with
contactless ON/OFF sensor

- 120/65 lumens
- IP54
- Batteries: 3xAAA included

CE



1836A

1 018360050

1836B

rechargeable LED headlamp, dual brightness,
with ON/OFF sensor

- Contactless ON/OFF sensor
- 160 lumens
- Life: 3-6 h
- IP65

CE



1836B

1 018360200

1837N

magnetic, articulated lamp with high-
brightness LEDs,
up to 400 lumens

- Batteries (not included) :
 - 1xAA (life 25/69 h)
 - 2xAA (life 33/96 h)
 - 3xAA (life 43/124 h)
- Lumens: 400>40>OFF
- Charge indicator
- Adjustable focus
- IPX6



1837N

L
mm
450

1 018370002

1837/USB

rechargeable, magnetic, articulated lamp with
high-illuminated LEDs
micro USB charger not included

- Dual brightness: 150/450 lumens
- Adjustable focus
- Lithium polymer battery
- Charge indicator (green >85%; red <15%)
- Battery life 4-8 hours (depending on brightness)
- Micro USB charging

IPX6



1837/USB

1 018370051

1837RB/USB

spare battery for item 1837/USB

1837/USB RB

1 018370901

1837PLUS

LED spotlight for building yards

- Brightness: 3000 lumens; adjustable (10%; 25%; 50%; 75%; 100%)
- Power supply: 100-240V AC - 50/60Hz; 26W
- impact protection: IK07
- cable: 5 m / 3x1 mm²
- Dimensions: 235 x 83 x 233 mm

CE

IP67



1837PLUS

1 018370026





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



1838/11LED 1 018380111

1838RA/10-11LED

spare power supplies for items 1838/10LED and 1838/11LED

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

1838COB

portable rechargeable LED inspection lamp

- with hanging hook and antislip, shockproof body
- lithium polymer battery
- 100/200 lumens SPOT 75 lumens



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



1838P 1 018380005

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.



1838FLASH 1 018380300

1838RB/FLASH

spare battery for item 1838/FLASH

1838RB/FLASH 1 018380930

1838LED/120

LED under bonnet lamp with swivel hook

- 5-m-long oil-proof cable
- 600-lumen LED strip, 7.5W
- Hook opening: 120 ÷ 170 cm



1838LED/120 1 018380250

1838LED/120-AL

power supplies with spare cables for item 1838LED/120

1838LED/120-AL 1 018380251

1838SL

ultra-thin inspection lamp with ultra-high brightness LEDs.

For jobs in small areas

- power supply: 12V, with lighter socket and battery terminals
- 2.5-m-long cable
- thickness: 6mm
- 345 lumens



1838SL 1 018380101

1838SLR

rechargeable, articulated LED inspection lamp

compact front LED (200 lumens) and head LED (100 lumens) for inspections lighting body no more than 9 mm thick operating range: 5/2.5 hours (depending on light level setting) with USB charger with metal hook and magnet



1838SLR 1 018380201

1838SN

rechargeable, articulated LED inspection lamp

- articulated
- non-slip rubber body
- double swinging hook
- magnets on base and back for increased adjustability
- with charger 100-240V / 50-60Hz
- double light emission, front and head (spot)
- 250 lumens / spot 150 lumens
- operating range: 3h / spot 3h
- with charge indicator



1838SN 1 018380132

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

1839/R1

transformer with USB output, spare part
for items 1834L/USB; 1836B; 1837/USB;
1838COB

1839/R1 1 018390501

1839/R2

USB/jack cable 3.5 mm, spare part
for items 1836B; 1838P; 1838COB

1839/R2 1 018390502

1839/R3

USB/MicroUSB cable, spare part
for item 1834L; 1837/USB

1839/R3 1 018390503

1840BM

230V inspection lamp,
base type: E27

- Bulb not included



IP20

1840BM V W mm L 1 018400101
230 60 420

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



1842LED/BM 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



1842LED/ABM 1 018420311

1843BM

automatic cable reel
with 230 Vac inspection lamp,
base type E27 and steel protector

- Bulb not included



1843BM 1 018430101

1843R/BM

spare inspection lamp for cable reels, base
type E27

- Bulb not included



1843R/BM 1 018430131

1846LED/BM

Automatic cable reel with LED inspection
lamp,
100-240 Vac

- With 230/24V safety transformer
- Max. 25 W



1846LED/BM 1 018460301



1846LED/ABM

Automatic cable reel
with LED inspection lamp,
12-24V AC/DC

- Max. 60 W

CE

IP42
IP65



IP42
IP55

1846LED/ABM

1 018460311

1846R-LED/BM

spare LED lamps

12-24V - AC-DC



1846LED/BM R

1 018460331

1848

automatic cable reel
with Schuko type socket

- Crush-resistant rubber cable H07 - 3x1.5 mm² - 15m
- Max. 1600 W with unwound cable
- Max. 1200 W with wound cable

CE

IP42



1848

1 018480015

1850B

heat gun

- Pos. 1 240 l/min. 300° C
- Pos. 2 450 l/min. 500° C
- can be used with gun placed vertically on worktop

CE



1850B

L mm 240
H mm 190

1 018500011

1850C

heat gun

- Pos. I 150-250 l/min 50°C
- Pos. II 150-500 l/min 50-650°C

- digital display
- buttons designed to adjust temperature and flow capacity
- can be used with gun placed vertically on a worktop
- 4 preset programmes and possibility to customize other programmes

- Prog 1 250°C ca. 350 l/min
- Prog 2 350°C ca. 400 l/min
- Prog 3 450°C ca. 500 l/min
- Prog 4 550°C ca. 400 l/min

CE



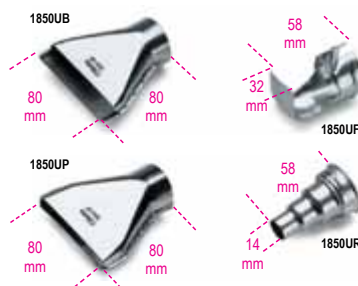
1850C

L mm 255
H mm 210

1 018500015

1850U...

nozzles for items 1850B and 1850C



Item	Model	Quantity	Part No.
1850UB	B-C	1	018500100
1850UF	B-C	1	018500101
1850UP	B-C	1	018500102
1850UR	C	1	018500103

1851VK

hot glue gun with 12 thermofusible glue sticks
in case

CE



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

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

480x370x130 mm - 4,5 kg

1 018520175

1852S-L

side attachable coils



	∅ mm		
1852S-L 19	19	1	018520501
1852S-L 20	20	1	018520502
1852S-L 23	23	1	018520503
1852S-L 26	26	1	018520504
1852S-L 32	32	1	018520505
1852S-L 38	38	1	018520506
1852S-L 45	45	1	018520507

1852S-F

front attachable coil



	∅ mm		
1852S-F 19	19	1	018520508
1852S-F 20	20	1	018520509
1852S-F 23	23	1	018520510
1852S-F 26	26	1	018520511
1852S-F 32	32	1	018520512
1852S-F 38	38	1	018520513
1852S-F 45	45	1	018520514

1852S-FLESS

flexible coil



1852S-FL 800		1	018520515
1852S-FL1000		1	018520517
1852S-FL1500		1	018520518

1852 S-PIATTE

flat coil



1852S-PIATTE		1	018520516

1860 140A

DC inverter welding machine for MMA and TIG electrode steel welding.
Compact and easy to carry

Arc force, hotstart, anti-sticking and thermostatic protection features

Adjustment current: 5+140A
Power supply: 1x230V

Use factor (40 °C) :

25% - 140 A

60% - 100 A

100% - 90 A

Delayed fuse: 16 A

Protection: IP23S

Usable electrodes: Ø 1.5- 4mm rutilic, basic, stainless steel, cast iron etc.
supplied with 16mm² cables



1860 140A		1	018600004

1860 160A

DC inverter welding machine for MMA and TIG electrode steel welding.
Compact and easy to carry

Arc force, hotstart, anti-sticking and thermostatic protection features

Adjustment current: 5+160A
Power supply: 1x230V

Use factor (40 °C) :

30% - 160 A

60% - 1030 A

100% - 110 A

Delayed fuse: 25 A

Protection: IP23S

Usable electrodes: Ø 1.5 - 4mm rutilic, basic, stainless steel, cast iron etc.
Supplied with 25mm² cables



1860 160A		1	018600006

Beta

1860RC

spare cables for inverter welding machines item 1860

electrode holder cable length: 2.5m
earth cable length: 1.8m



1860RC/140A		1	018600604
1860RC/160A		1	018600606

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

7042LCD/RV		2	070420101

7042LCD/RV-INT

inside lens for item 7042LCD

7042LCD/RV-INT		2	070420102

Beta

Beta

1870

solid and fluid vacuum cleaner, 20 l

- single-stage by-pass motor
 - voltage: 230/240 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

CE



IPX4

1870

1 018700020

1871M

solid and fluid vacuum cleaner, 35 l, with service power and compressed air outlets

- automatic filter cleaning
 - two-stage by-pass motor
 - voltage: 230/240 V
 - max. power: 1200 W
 - max. service outlet power: 2000 W
 - max. pneumatic tool connection: 15 bar
 - airflow rate: 60 l/sec.
 - max. suction power: 220 mbar
 - max. drum capacity: 35 l, made of antistatic PE-HD
 - acoustic emissions: <68 dB(A)
 - cable length: 7 m
- STANDARD ACCESSORIES
- 1 corrugated hose with ergonomic handle
 - 2 plastic extension tubes
 - 1 combined brush frame
 - 1 section with fluid collection hoses
 - 1 flat nozzle
 - 1 rubber fitting for tool connection; inside Ø: 26 mm
 - 6 air pipe locks, with suction pipe
- FILTERING SYSTEMS
- paper bag; IFA class: "M"
 - filter cartridge; IFA class: "M"
 - anti-foam filter PPI 45/PPI 30

CE



1871M

1 018710035

1872L

solid and fluid vacuum cleaner, 35 l "L" class certified

- two-stage by-pass motor
 - voltage: 230/240 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: <68 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

CE



IPX4

1872L

1 018720135

Beta

1873

solid and vacuum cleaner, 30 l, stainless steel drum

- two-stage by-pass motor
 - voltage: 230/240 V
 - frequency: 50/60 Hz
 - max. power: 1100 W
 - airflow rate: 55 l/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

CE



1873 30

1 018730030

1874

solid and fluid vacuum cleaner, 50 l, stainless steel drum

- two-stage by-pass motor
 - voltage: 230/240 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

CE



1874 50

1 018740050

1870-20/5S

5 horizontal paper bags for item 1870



1870 20/5S

1 018700021

1870-72 /FC

cartridge filter 1900 cm² 12 - µm nom. for items 1870 - 1872 - 1873



1870-72 /FC

1 018700026

1870-72/FL

fluid vacuum cleaning filter for items 1870 - 1872 - 1873 - 1874



1870 72/FL

1 018700027

1872L 35/FC

cartridge filter, "L" class, for item 1872L 35



1872L 35/FC

1 018720144

1872L 35/5S

5 disposable fabric bags, "L" class



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 paper 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

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

CE



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

CE



1877A

1 018770080

1878 3

oil collection tank,
for truck hubs
With oil drip catcher



1878 3 ^{lit} 3 1 018780003

1878 11

fluid collection tank

- Maximum capacity: 11 l
- Fluid drain plug
- Interior wall for preventing fluid leakage during transportation

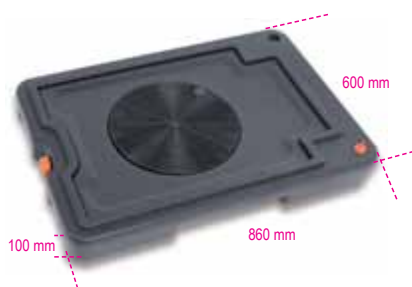


1878 11 ^{lit} 11 1 018780011

1878 30

fluid collection tank

- Maximum capacity: 30 l
- Splashproof grate
- Fitted with 4 pivoting wheels



1878 30 ^{lit} 30 1 018780030

1879

9.5 l manual/pneumatic operation fluid
extractor



1879 1 018790001

1879R/K4

kit of 4 spare tubes for fluid extractor 1879



1879R/K4 1 018790504

1880

manual barrel pump



1880 ^{gr} 240 1 018800001

1881

pneumatic barrel pump, ratio 3:1



1881 ^{l/min} 14 1 018810001

1882

oil gun with flexible end and automatic drip
catcher

- 1/2"
- Maximum delivery rate: 65 l/min
- Maximum operating pressure: 100 bar
- Lockable delivery lever



1882 1 018820010

1883

digital litre counter for oil

- 1/2"
- Shockproof rubber coating
- Battery: 1 CR2 (included)
- Max. delivery rate: 0÷35 l/min (0÷9 gal/min)
- Max. pressure: 50 bar (750 psi)
- Viscosity: 8÷5000 mPas
- Tolerance: ±0.5%

CE



1883 1 018830035

1883NC

male-male nipple, 1/2,
for items 1882 and 1883



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

1889

steel handling and storage base for 2 200-l barrels

- Completely hot painted with epoxy powder
- Easy to carry with a fork lift truck or a transpallet
- Support cannot be placed under any part

CE



1889 1 018890200

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



1895 6

ultrasonic cleaning tank, 6 l

with special degas function



CE

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburetors, 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: 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
 Dimensions: 330x180x310 mm

1895 6 1 018950060

1895 13

ultrasonic cleaning tank, 13 l

with special degas function



CE

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburetors, 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: 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
 Dimensions: 350x325x320 mm

1895 13 1 018950130

1895 27

ultrasonic cleaning tank, 27 l

with special degas function



CE

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburetors, 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: 700 W
 Temperature range: 0+80 °C
 Cleaning time range: 0-99 minutes
 Frequency: 40 kHz
 Power supply: 220/230V
 Dimensions: 530x330x380 mm

1895 27 1 018950270

2250-O

heavy duty swivel creeper seat with tray



2250-O 1 022500011

2251-O

heavy duty swivel creeper seat with drawers

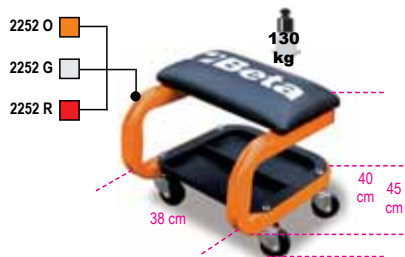


2251-O 1 022510011

NOT AVAILABLE IN THE USA, CANADA AND MEXICO

2252

seat with castors



2252-O	1	022520001
2252-G	1	022520002
2252-R	1	022520003

2252KR4

spare seat castors 2252



2252KR4	1	022520900
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2258-O

heavy duty creeper with tool chest



2258-O	1	022580011
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NOT AVAILABLE IN THE USA, CANADA AND MEXICO

2254C

suction cup protector for vehicles' bodies

Made of plastic-coated fabric, with 4 suction cups on top side



2254C	1	022540200
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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
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2254SV

reusable seat and steering wheel protector

Suits most car seats and steering wheels



- One size fits all
- Reusable and washable
- Made of hard-wearing nylon with stretch strings
- Material: 98% polyamide/nylon, 2% polyurethane

2254SV	1	022540100
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2254T

kneeling pad

made from non-slip EVA foam



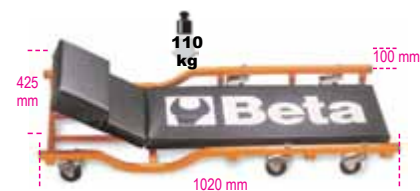
2254T	1	022540047
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3000M/LT

creeper

• PVC lining with upholstered foamed rubber designed for remarkable comfort

ADJUSTABLE HEAD-REST BY PROGRESSIVE AIR SPRING



3000M/LT	1	030000220
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7,3 kg

3000M/RLS

spare creeper castors

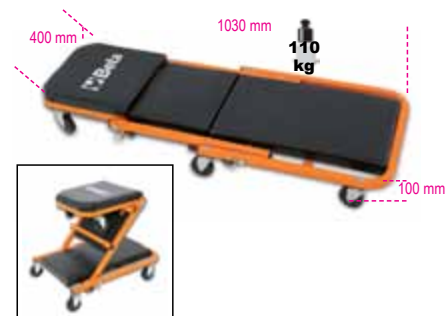


3000M/RLS	1	030000206
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3002

creeper and seat

- Steel frame
- PVC lining with upholstery
- Easily convertible into a creeper or a seat



3002	1	030020001
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3002/RLS

6 spare wheels for creeper 3002



3002/RLS	1	030020501
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Beta

3003

creeper
made of shockproof plastic
• Wheel Ø: 76 mm



3003 1 030030001

3003/RLS

6 spare wheels for creeper 3003

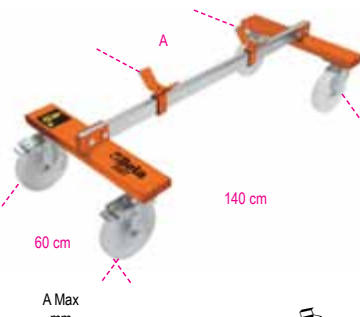


3003/RLS 1 030030501

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



3007 1 030070001

3008

jack and positioner
for single and twin truck wheels

• max. capacity: 700 kg
• min. height: 140 mm
• max. height: 660 mm
• distance between rollers: 470÷740 mm
• hydraulic overloading safety device
• front pivoting wheels

CE

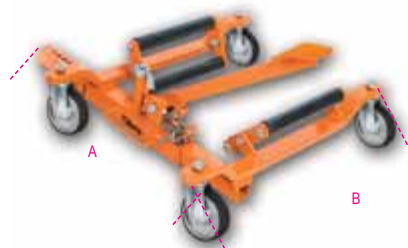


3008 1 030080100

3009

wheel lifter

Maximum lifting capacity: 550 kg
4 pivoting rollers
Roller width: 200 mm
For wheels up to 240 mm in width



A 400÷850 mm B 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

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
3000	285	430	250	180	195

3010T 3 1 030100003

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
6000	400	580	340	245	280

3010T 6 1 030100006

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
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
3500	170	366	86

3011T 3,5 1 030110035

C max kg	H min mm	H Max mm	L mm
5000	203	467	118

3011T 5 1 030110050

C max kg	H min mm	H Max mm	L mm
10000	220	484	114

3011T 10 1 030110100

C max kg	H min mm	H Max mm	L mm
15000	230	497	113

3011T 15 1 030110150

C max kg	H min mm	H Max mm	L mm
20.000	245	521	115

3011T 20 1 030110200

3012

engine brackets



L mm	C max kg
1500	500
1800	400

3012C

lower engine bracket

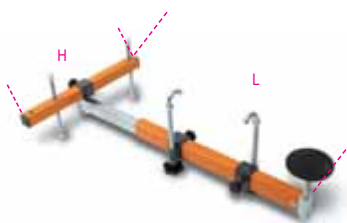
ideal for cars and commercial vehicles



3012C 1 030120255

3012I

lower engine bracket



3012I	L mm	H mm	1	030120250
	630+960	190		

3014

engine stand



3014	1	030140010
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3014R/GR5

5 spare wheels for engine stand 3014



3014R/GR5	1	030140501
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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
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3014SAR/RR

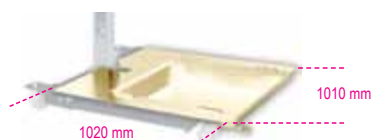
4 spare wheels for engine stand 3014SAR



3014SAR/RR	1	030140370
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3014SAR/1

fluid collection tank for item 3014 SAR

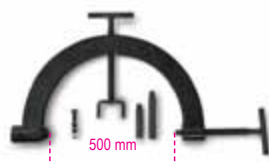


3014SAR/1	1	030140361
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1020x1010x11 mm

3014SAR/2

clamp for fixing transmission gear on stand item 3014 SAR



3014SAR/2	1	030140362
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3025

folding hydraulic crane with dual effect pump

Maximum capacity: 1 t

CE



3025	3025	1	030250001
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3025/R/F

2 spare fixed wheels for hydraulic crane 3025



3025/R/F	1	030250901
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3025/RG

2 spare swivel wheels for hydraulic crane 3025



3025/RG	1	030250902
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3025/PF

barrel handling pliers

Maximum capacity: 300 kg

CE



3025/PF	A mm	B mm	1	030250011
	550+640	70		

3026 0,3

hydraulic pit and under bridge jack

CE



3026 0,3	1	030260003
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3026/R0,3

4 spare swivel wheels for hydraulic jack 3026 0,3



3026/R 0,3	1	030260903
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3026 0,5

hydraulic pit and under bridge jack

Maximum capacity: 500 kg

CE



1140 mm

650 mm

3026 0,5

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

CE



1140 mm

650 mm

3026 1,0

1 030260010

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

3027 10

hydraulic bench press with moving piston

Maximum capacity: 10 t

CE



1250 mm

820 mm

3027 10

1 030270010

90 kg

3027 20

hydraulic press with moving piston

20 t

Maximum capacity: 20 t

CE



1905 mm

950 mm

3027 20

1 030270020

140 kg

3027 30

hydraulic press with moving piston and hoist

Maximum capacity: 30 t

CE



1980 mm

1150 mm

3027 30

1 030270030

230 kg

3027 50

hydraulic press with moving piston and hoist

Maximum capacity: 50 t

CE



2200 mm

1250 mm

3027 50

1 030270050

350 kg

3027/KP

set of pin punches and plate for press item 3027



3027/KP10 3027 10 1 030270510

3027/KP20 3027 20 1 030270520

3027/KP30 3027 30 1 030270530

3027/KP50 3027 50 1 030270550

3027/KPP50

pedal control for hydraulic press item 3027
20-30-50



3027/KPP50

1 030270555

3030/2T

lowered car jack, 2 t
with 6 wheels

- dual front tilting wheels made of plastic material (PTFE)
- car jack can be easily handled on uneven, irregular floors
- maximum capacity: 2 tons

CE



3030/2T

1 030300020

43 kg

3030/2T-R5

front wheel with pin for jack 3030 2T



3030 2T/R5

1 030300505

3030/2T-R6

spare rear wheel for item 3030/2T



3030 2T/R6

1 030300506

3030/2TRP

spare 85-mm rubber plate
for item 3030/2T



3030/2TRP

5 030300501

3033/3T

hydraulic jack, 3t
long version

- For use on commercial vehicles
- Maximum capacity: 3 t
- Polyamide wheels

CE



3033/3T

1 030330030

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

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

Beta

3063/2,5T

air hydraulic jack, 2.5 tons, wheeled



A	1436 mm
B	290 mm
C	2170 mm
D	88 mm
E	655 mm
F	330 mm

Particularly suitable for use on cars and commercial vehicles
Ideal for garages, tyre repairers' and body shops

FITTED WITH:

- automatic arm return
- full-load speed control

TECHNICAL DATA
capacity: 2.5t
weight: 75 kg
power supply pressure: 8-10 bar
air consumption: 400 l/min

3063/2,5T

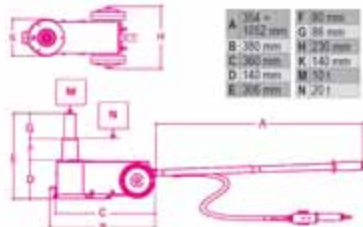


1 030630125

3065/20-10T

air hydraulic jack, 20-10 t,
with case

Portable and lightweight, ideal for road assistance operations



A	354 mm	F	30 mm
B	152 mm	G	38 mm
C	390 mm	H	230 mm
D	260 mm	K	140 mm
E	140 mm	M	150 mm
F	300 mm	N	20 l

• 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

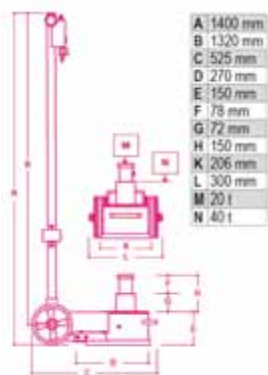
3065/20-10T



1 030650100

3065/40-20T

air hydraulic jack, 40/20 tons



A	1400 mm
B	1320 mm
C	525 mm
D	270 mm
E	150 mm
F	78 mm
G	72 mm
H	150 mm
K	206 mm
L	300 mm
M	20 l
N	40 l



• 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

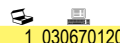


A	1305 mm
B	1315 mm
C	660 mm
D	330 mm
E	120 mm
F	125 mm
G	300 mm
H	250 mm

• 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

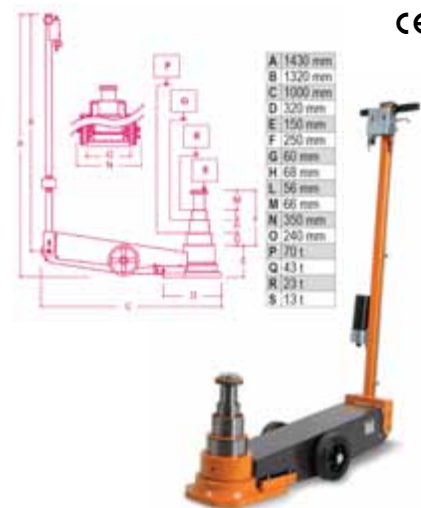
3067/60-30-15T



1 030670120

3067/70-13T

air hydraulic jack, 70-43-23-13 t



A	1430 mm
B	1320 mm
C	1000 mm
D	323 mm
E	150 mm
F	250 mm
G	60 mm
H	68 mm
L	56 mm
M	68 mm
N	350 mm
O	240 mm
P	70 l
Q	43 l
R	23 l
S	13 l

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

MOTORCYCLE TOOLS



3040

rear motorcycle stand adjustable

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3040 1 030400001

3040A/1

V-shaped sliders, pair for item 3040



3040A/1 1 030400501

3040A/2

L-shaped sliders, pair, made of rubber for item 3040



3040A/2 1 030400502

3040A/6-8-10

pawls, pair, made of aluminium for item 3040A/1



3040A/6 1 030400506

M6x1 mm
Aprilia, Yamaha, Triumph

3040A/8 1 030400508

M8x1.25 mm
Suzuki, Honda, Ducati

3040A/10 1 030400510

M10x1.25 mm
Kawasaki

3041

front motorcycle stand adjustable

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3041 1 030410001

3041A/11

roller sliders, pair for item 3041



3041A/11 1 030410511

3041A/15

cone-shaped sliders, pair for item 3041



3041A/15 1 030410515

3041T

front motorcycle stand, high, adjustable, with radial calipers

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3041T 1 030410011

3041T/17

L-shaped sliders (pair), made of rubber, for radial calipers for item 3041T



3041T/17 1 030410517

3042

front stand for motorcycle steering pin

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes a 6-pin kit



3042 1 030420001

3042/K6P

6-pin kit for motorcycle stand item 3042

(already included in item 3042)



3042/K6P 1 030420101

3043

motorcycle stand with left single arm

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3043 1 030430001

3043A/41÷48

pin for item 3043



	Ø mm	
3043A/41 Ducati	21,8	1 030430541
3043A/42 Triumph	27,5	1 030430542
3043A/43 MV - Ducati	42	1 030430543
3043A/44 Ducati 1098	40	1 030430544
3043A/45 Honda	28,6	1 030430545
3043A/46 BMW F800S	30	1 030430546
3043A/47 BMW K.R.S	52,9	1 030430547
3043A/48 Honda CB1000R	28,3	1 030430548

3044

motorcycle stand with single right arm

- Steel cursor holder
- Matt black lacquer
- 4 thermoplastic rubber wheels



3044 1 030440001

3044A/41

right pin for Ducati 848



3044A/41 1 030440541

3047

pedal stand for cross/enduro motorcycles



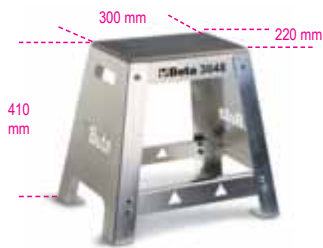
290+400 mm

3047

1 030470001

3048

aluminium racing cross stand



300 mm

220 mm

410 mm

3048

1 030480001

3050/C

chock cradle centre stand for Custom, Enduro, Cross, Scooter motorcycles
Includes adjustable support and rubber pad kit



350 kg

210 mm

90+310 mm

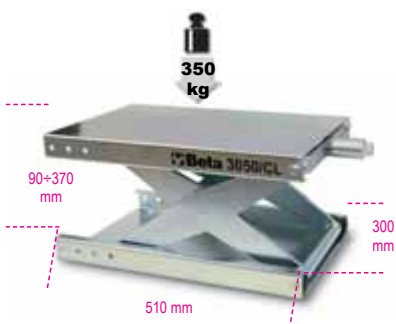
510 mm

3050/C

1 030500011

3050/CL

chock cradle centre stand, wide type



350 kg

90+370 mm

300 mm

510 mm

3050/CL

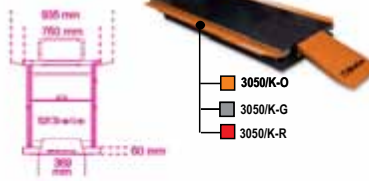
1 030500021

3050/K

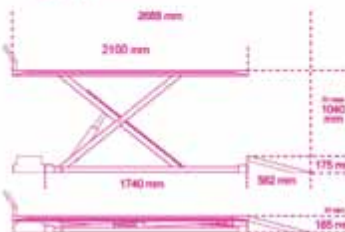
electro-hydraulic motorcycle jack, 600 kg



600 kg



3050/K-O
3050/K-G
3050/K-R



Technical features

- Electrical, mechanical and hydraulic safety devices
- Capacity: 600 kg
- Integrated electro-hydraulic unit: 1.1 kW - 230V - 7.4A - 50 Hz
- Hydraulic pump with an upward flow rate of 2 l/min
- Downward speed controlled by a flow valve, 1 l/min
- Safety valve stopping oil flow in case hydraulic pipe should be accidentally cut
- Can accommodate a hand control device with a 3-m-long cable
- Pins mounted on self-lubricating bushings
- Piston seal lubricated during each cycle, for longer life
- Jack with 7 mechanical safety positions
- CE-certified, TÜV-approved

3050/K-O

1 030500101

3050/K-G

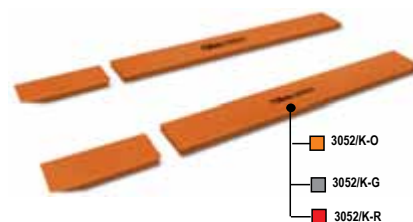
1 030500102

3050/K-R

1 030500103

3050/K2

widening kit for jack item 3050



3052/K-O
3052/K-G
3052/K-R

3050/K2-O

1 030500121

3050/K2-G

1 030500122

3050/K2-R

1 030500123

3050/M

mechanical wheel clamp for jack item 3050

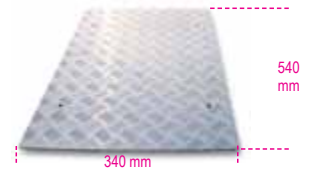


3050/M

1 030500031

3051/LA

non-slip sheet metal top for jack item 3050



540 mm

340 mm

3051/LA

1 030510061

3053

motorcycle stand base with non-slip rubber cover



80 mm

450 mm

460 mm

3053

1 030530001

3053/E

extension item 3053 for side stand



80 mm

140 mm

885 mm

3053/E

1 030530002



3055

automatic van clamp

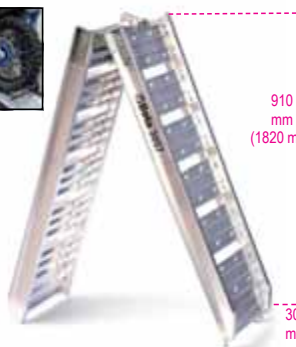
Allows motorcycle front wheel to be fixed



3055 1 030550001

3057

aluminium ramp for loading/unloading motorcycles



3057 1 030570001

3070

manual static balancer



- Allows wheel balancing both in the workshop and on racing tracks
- Equipped with rolling bearings, rabbit level and adjustable feet for unparalleled precision
- Comes with 2 hub cones

3070 1 030700000

3070/1

rim truing kit, for item 3070



3070/1 1 030700001

3070/2

adapter kit for single-arm wheels, for item 3070



3070/2 1 030700002

3070/3

universal adapter kit for scooters, for item 3070



3070/3 1 030700003

3070/4

adapter kit for BMW motorcycles, for item 3070



3070/4 1 030700004

3072

mechanical screw spring disassembly tool for single shock absorber and forks



Includes flange adapter kit: 74-45-47-50-53-56-59-62-68-71-75-77-80-84-87 mm

3072 1 030720001

Beta 50 years in motorsports

3073

universal fork oil seal driver fitting tool

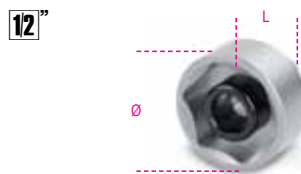
for fork tube diameters 35 + 48 mm



3073 1 030730001

3075A

hexagon socket for wheel hub nuts



	∅	L	
	mm	mm	
3075A 28	28	38	1 030750028
3075A 30	30	40	1 030750030

3075B

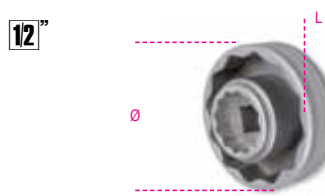
bi-hex socket for wheel hub nuts



	∅	L	
	mm	mm	
3075B 55	55	70,7	1 030750155

3075MV

bi-hex socket for MV AGUSTA wheel hub nuts



	∅	L	
	mm	mm	
3075MV 56	56	70,7	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

420x185x60 mm

1 030800015

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
3091/30	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
3092/30	27x1,25	1 030920030
3092/35	22-26x1,5	1 030920035
3092/40	25x1,5	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

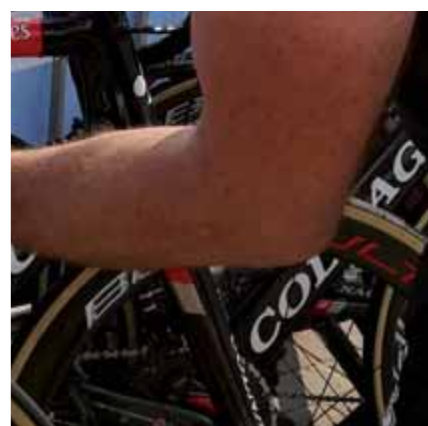
multiple flywheel puller



3093/U		1 030930050
M10x1.25R		
M14x1.5R		
M16x1.5R		
M18x1.5R		
M24x1.0R		
M27x1.0L		

Beta
50 years in motorsports

BICYCLE TOOLS



supplier

Partnership 2018 UAE Team Emirates

3912T

TOP workshop workbench for bicycle maintenance

- With support for central movement
- Tool drawer



3912T 1 039120010

3912P

PRO workshop workbench for bicycle maintenance

- With support for central movement
- Tool drawer



3912P 1 039120110

3916MM

workshop single-sided clamp for bicycle maintenance

- Clamp can be rotated 360°



3916MM 1 039160110

3921

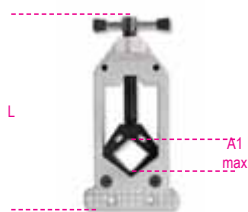
derailleur hanger alignment gauge



L mm	A mm	A1 mm	1
440	115	165	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	1
160	80	45	039230010

3927

handlebar clamp



3927 1 039270010

3932U

professional chain tool compatible with chains from 5 to 11 speeds



L mm	1
164	039320011

3935

chain wear indicator



L mm	1
120	039350010

3937

missing link pliers



L mm	1
170	039370010

3948

crank extractor



Ø mm	L mm	Ø mm	1
14	79	20	039480015

3952

simple cone wrench



Ø mm	L mm	2
13	205	039520013
14	205	039520014
15	205	039520015
16	205	039520016
17	205	039520017
18	205	039520018
19	205	039520019
20	205	039520020
21	205	039520021
22	205	039520022
24	205	039520024



3952/S7	1
13-14-15-16	039520207
17-18-19 mm	



3953

pedal wrench



mm	L	
15	401	1 039530015

3955

open end wrenches for universal headsets



mm	L	
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	A1	A2	
mm	mm	mm	
132	4,3	4,4	1 039620010

3962MV

double spoke wrench for Mavic



L	A1	A2	
mm	mm	mm	
135	4,3	8,4	1 039620020

3963P

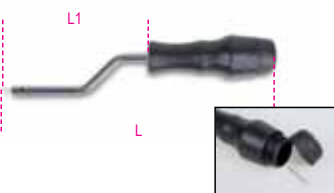
special wrench for flat spokes



L	
mm	
129	1 039630010

3964

special nipple driver



L	L1	
mm	mm	
170	89	1 039640010

3965wheel alignment gauge, \varnothing 20" ÷ 29"

L	
mm	
680	1 039650010

3965C

professional wheel truing stand



- For \varnothing 20" ÷ 29" (29" without tyre)
- Through axle hub adapter, 10 ÷ 20mm



L	L1	A	
mm	mm	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	A	
mm	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	1	039720010
252		

3973PF

Press-Fit bearing removal tool

- Suitable for inside \varnothing 24 mm and 30 mm

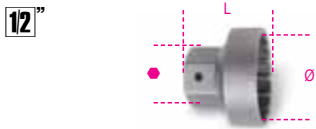


L mm	1	039730001
240		

3973/1

16-notch bottom bracket removal socket

- Suitable for Shimano® XTR BB93, Dura-Ace® BB9000

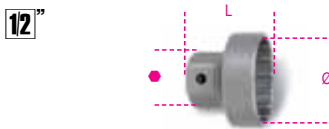


Ø mm	● mm	L mm	1	039730010
39	24	34		

3973/2

16-notch bottom bracket removal socket

- Suitable for Shimano® BBR60 (Ultegra® 11 speeds)

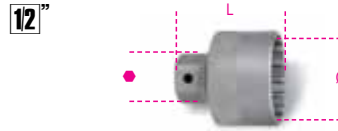


Ø mm	● mm	L mm	1	039730020
41	24	35		

3973/3

16-notch bottom bracket removal socket

- Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®

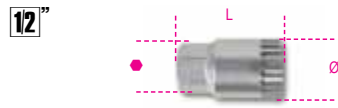


Ø int. mm	● mm	L mm	1	039730030
46	24	53,5		

3973/4

20-notch bottom bracket removal socket with central pin, nickel-plated

- Suitable for Shimano and ISIS



Ø mm	L mm	● mm	1	039730040
31,5	55	24		

3975

bearing cup press

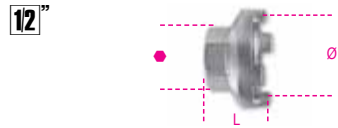
- For headset cup assembly, compatible with headset cups 1", 1.1/8", 1.1/4", 1.1/2" and 2"



L mm	Ø mm	1	039750010
360	16x1		

3984/1

BMX freewheel removal wrench, 2 grafts



Ø mm	L mm	● mm	1	039840010
35	25,5	24		

3984/2

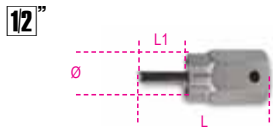
Shimano freewheel removal wrench



Ø mm	L mm	● mm	1	039840020
22,8	26	24		

3984/3

Shimano freewheel removal wrench, cassette with guide pin



Ø mm	L mm	L1 mm	1	039840030
23,5	65	25		

3984/4

Campagnolo freewheel removal wrench, with guide pin



Ø mm	L mm	L1 mm	● mm	1	039840040
23	51	13	24		

3984/5

freewheel removal wrench, 2 grafts



Ø mm	L mm	● mm	1	039840050
18,5	38	21		

3984/6

freewheel removal wrench, 4 grafts



Ø mm	L mm	● mm	1	039840060
19,5	36	21		

3991

lever for pushing back disc brake pads



L mm	A mm	α	1	039910010
222	36	7°		

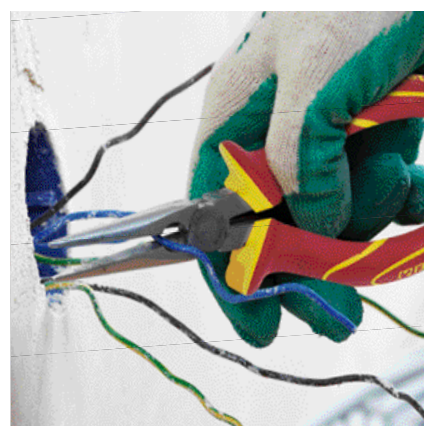
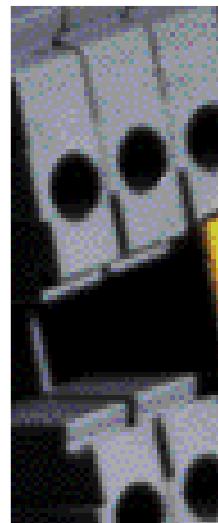
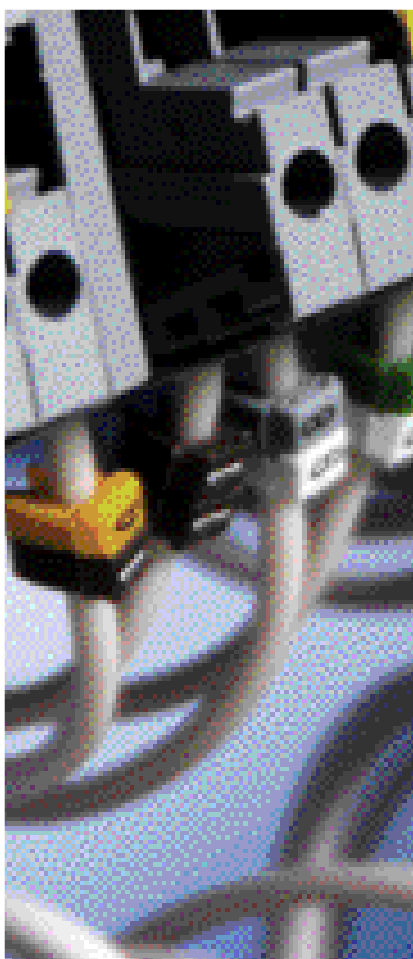
3992

disc brake straightener



L mm	A1 mm	1	039920010
234	4 55 2,2		

INSULATED TOOLS



 **1000 V**

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

52MQ

single open end wrenches



EN 60900

mm	L mm		
10	110	1	000520110
11	120	1	000520111
12	132	1	000520112
13	140	1	000520113
14	146	1	000520114
15	166	1	000520115
17	168	1	000520117
19	176	1	000520119
22	200	1	000520122
24	225	1	000520124

89MQ

single ring wrenches



EN 60900

mm	L mm		
10	170	1	000890110
11	180	1	000890111
12	190	1	000890112
13	195	1	000890113
14	200	1	000890114
15	210	1	000890115
17	218	1	000890117
19	240	1	000890119
22	255	1	000890122
24	280	1	000890124

110MQ

adjustable wrench with scale



EN 60900

L mm	A max		
200	28	1	001100520
250	30	1	001100525

606MQ/50

click-type torque wrench with reversible ratchet



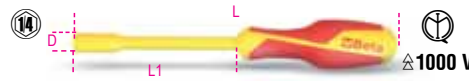
EN 60900
UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50	1	006060705
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850MQ

magnetic bit holder, insulated, with bimaterial handle



IMQ CSV

L mm	L1 mm	D mm		
233	125	12.5	1	008500910

920MQ/A

hexagon sockets



EN 60900

mm	Ø mm	L mm	Ø1 mm		
8	21,5	57	27,5	1	009200238
9	21,5	57	27,5	1	009200239
10	21,5	57	27,5	1	009200240
11	21,5	57	27,5	1	009200241
12	23,0	57	27,5	1	009200242
13	23,0	57	27,5	1	009200243
14	23,0	57	27,5	1	009200244
16	23,0	57	27,5	1	009200246
17	30,0	57	27,5	1	009200247
18	32,0	57	27,5	1	009200248
19	32,2	57	27,5	1	009200249
20	32,0	57	27,5	1	009200250
22	36,0	57	27,5	1	009200252
24	39,0	57	27,5	1	009200254

920MQ/PE

socket drivers for hexagon screws



EN 60900

Ø mm	L mm	L1 mm			
5	28,5	94,5	10,5	1	009200265
6	28,5	94,5	10,5	1	009200266
8	28,5	94,5	10,5	1	009200268
10	28,5	94,5	10,5	1	009200267
12	28,5	94,5	10,5	1	009200269

920MQ/21

1/2" square drive extension bar



EN 60900

L mm	Ø mm		
135	28	1	009200804

920MQ/22

1/2" square drive extension bar



EN 60900

L mm	Ø mm		
264	30	1	009200805

920MQ/T

1/2" square drive, T-handle



EN 60900

L mm	L1 mm		
200	163	1	009200807

920MQ/55A

1/2" square drive reversible ratchet with socket locking system



EN 60900

L mm	D mm	A mm		
240	50	89	1	009200809

920MQ/C16

9 hexagon sockets, 3 socket drivers for hexagon screws and 4 accessories



EN 60900

920MQ/C16	1	009200917
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920MQ/A	8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
920MQ/PE	5 - 6 - 8 mm
920MQ/21	135 mm
920MQ/22	264 mm
920MQ/55A	
920MQ/T	
420x280x60 mm - 5,2 kg	

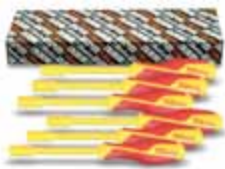
943MQ

hexagon nut spinners with handles



EN 60900

mm	L mm	L1 mm	D mm		
5,5	233	125	12,2	1	009430235
6	233	125	12,5	1	009430236
7	240	125	14,3	1	009430237
8	240	125	15,3	1	009430238
10	252	125	17,3	1	009430240
13	252	125	21,3	1	009430243



943MQ/S6
5,5-6-7-8-10-13 mm



 
1 009430250

951MQ

T-handle wrenches with hexagon male ends



EN 60900

mm	L mm	L1 mm		
4	165	105	1	009510704
5	170	105	1	009510705
6	168	105	1	009510706
8	165	105	1	009510708

993MQ

bent knurled point spring tweezers



EN 60900

L mm		
147	1	009930040

994MQ

straight knurled point spring tweezers



EN 60900



L mm		
145	1	009940040

1010MQ

long round nose pliers



EN 60900

L mm	L1 mm		
160	51,5	1	010100096



1048MQ

slip joint pliers, boxed joint

• Chrome-plated finish



EN60900

L mm	A max mm	L1 mm		
250	48	39	1	010480315

1082MQ

diagonal cutting nippers



EN 60900



L mm	L1 mm	$\frac{1}{2}$ mm		
140	20	1,6	1	010820094
160	22	1,6	1	010820096

1084MQ

heavy duty diagonal cutting nippers



EN 60900



L mm	L1 mm	$\frac{1}{2}$ mm		
200	26	2,0	1	010840100

1088MQ

end cutting nippers



EN 60900

L mm	L1 mm	$\frac{1}{2}$ mm		
160	7	1,6	1	010880096

2115P L-MQ32



2115PL-MQ32



278

1128MQ

electrician's scissors, stainless steel blades, with microteeth



IEC60900



L mm	L1 mm		
145	45	1	011280101

1132MQ

cable cutter with insulated handles for copper and aluminium cables



EN 60900



L mm	$\frac{1}{2}$ mm		
230	18	1	011320193

1142MQ

wire stripping pliers



EN 60900

L mm	$\frac{1}{2}$ mm ²		
160	0,5+6	1	011420096

1150MQ

combination pliers, bright chrome-plated



EN 60900


L mm	L1 mm	$\frac{1}{2}$ mm		
160	37	1,6	1	011500096
180	39	1,8	1	011500098
200	43	2,0	1	011500100
220	46	2,0	1	011500102

1162MQ

extra long flat nose pliers

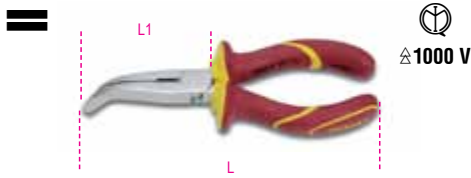


EN 60900

L mm	L1 mm	$\frac{1}{2}$ mm		
160	56	1,6	1	011620096
200	76	1,6	1	011620100

1164MQ

extra-long bent flat nose pliers



L mm	L1 mm	mm		
160	54	1,6	1	011640096
200	76	1,6	1	011640100

1166MQ

extra long needle nose pliers



L mm	L1 mm	mm		
160	56	1,6	1	011660096
200	76	1,6	1	011660100

1168MQ

extra long bent needle nose pliers

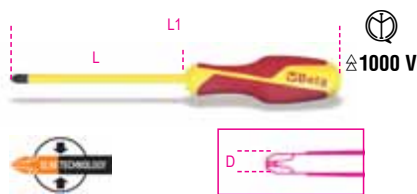


L mm	L1 mm	mm		
160	50	1,6	1	011680096
200	70	1,6	1	011680100

1272MQ/F

screwdrivers for cross head Phillips® screws

slim



EN60900

PHxDxL mm	L1 mm		
1x4.5x80	187	3	012720409
2x6x100	218	3	012720418

1272MQ

screwdrivers for cross head Phillips® screws



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
PH0x3x60-PH1x4,5x80
PH2x6x100-PH3x8x150
PH4x10x200 mm

1273MQ/F-D6

set of 6 slim screwdrivers

1274MQ/F: 0.5x3.5x100 - 0.8x4.5x100 - 1x5.5x125 - 1.2x6.5x150 mm

1272MQ/F: PH1x4.5x80- PH2x6x100 mm



1273MQ/F-D6 1 012730406

1274MQ/F 0.5x3,5x100 - 0.8x4,5x100 -
1x5,5x125 - 1.2x6,5x150 mm

1272MQ/F PH1x4.5x80- PH2x6x100 mm

1273MQ/D6

set of 6 screwdrivers



1273MQ/D6 1 012730851

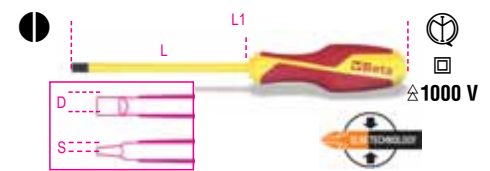
1274MQ 0,5x3x100 -0,8x4x100
1,0x5,5x125 mm

1272MQ PH0x3x60 -PH1x4,5x80
PH2x6x100 mm

1274MQ/F

screwdrivers for headless slotted screws

slim

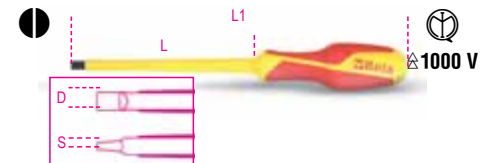


EN60900

SxDxLmm	L1 mm		
0.5x3.5x100	200	3	012740403
0.8x4.5x100	205	3	012740406
1x5.5x125	232	3	012740409
1.2x6.5x150	268	3	012740412

1274MQ

screwdrivers for headless slotted screws



EN 60900

SxDxL mm	L1 mm		
0,4x2,5x75	175	3	012740700
0,5x3x100	200	3	012740703
0,8x4x100	207	3	012740706
1x5,5x125	232	3	012740709
1,2x6,5x150	268	3	012740712
1,2x8x175	301	2	012740715
1,6x10x200	326	2	012740718



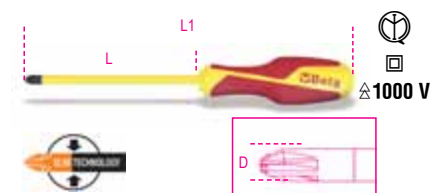
1274MQ/S6 1 012740751

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

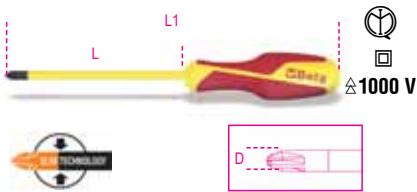


EN60900

PH1+LPP	2	012750409
PH2+LPP	2	012750418

1276MQ/C

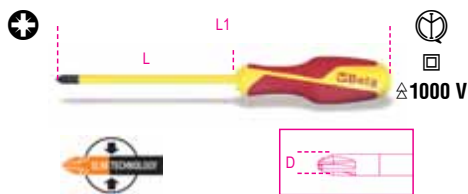
screwdrivers for combined cross head PZ + slotted head screws
slim



	2	012760409
	2	012760418

1279MQ/F

screwdrivers for cross head Pozidriv®-Supadriv® screws
slim

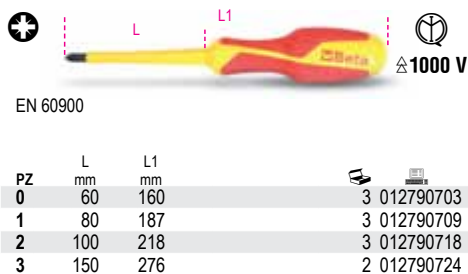


EN60900

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	1	012790751
PZ 0-1-2-3		

1725MQ

mini-hacksaw frame



	L mm	H mm	
1725MQ	260	85	1 017250030

1777MQ/C

cable stripping knife, insulated

• for multicore cables



	L mm	
1777MQ/C	190	1 017770026

1777MQ/U

cable stripping knife, insulated



	L mm	
1777MQ/U	190	1 017770011

1777RL/U

4 spare blades for utility knife 1777MQ/U



1777RL/U	1	017770021
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1995MQ/T

insulating mat



VDE 0303

	LxSxH mm	
1995MQ/T	1000x1000x4	1 019950030

1995MQ/G1 - G2

insulating gloves in latex

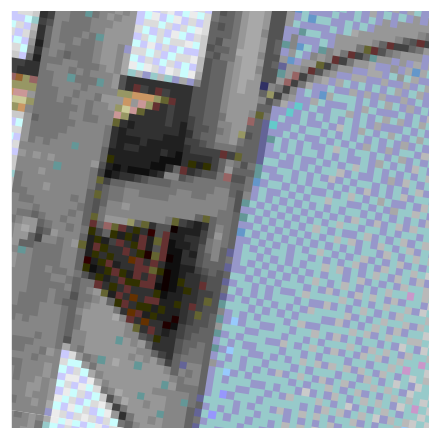
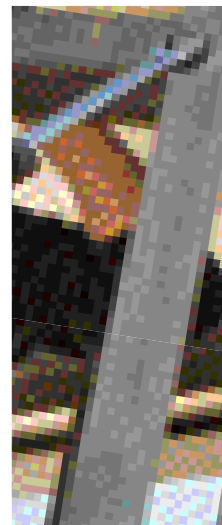


EN 60903

	Gr	L mm	
1995MQ/G1	9	410	1 019950010
1995MQ/G2	10	410	1 019950013

Beta

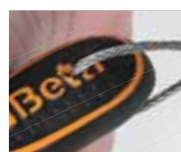
TETHERED TOOLS



Beta H-SAFE

The H-SAFE tool range by Beta comprises over 200 coded items, for which a holding system has been individually designed to withstand extremely severe mechanical stress, as synonymous with unparalleled safety.

Operating comfort is also crucial: tools with a double active part, including combination wrench item 42, are tied with a cable which runs along the entire body of the tool; whereas twisting tools, including screwdrivers, are tied with freely rotating rings preventing the string from getting twisted.



The H-SAFE holding system has been designed, tested and manufactured in Beta's factories. With the H-SAFE system by Beta, tools are always within reach, comfortably and safely.

35HS

flat chisels, ribbed type

with H-SAFE tethered system

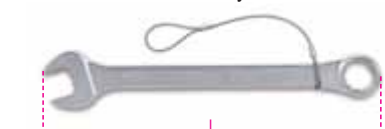


L mm	A mm	
200	23,0	1 000354004
250	28,5	1 000354005

42HS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



DIN 3113 UNI-ISO 7738

mm	L mm	
6x6	95	1 000424006
7x7	105	1 000424007
8x8	116	1 000424008
9x9	127	1 000424009
10x10	137	1 000424010
11x11	148	1 000424011
12x12	158	1 000424012
13x13	169	1 000424013
14x14	180	1 000424014
15x15	190	1 000424015
16x16	201	1 000424016
17x17	212	1 000424017
18x18	222	1 000424018
19x19	233	1 000424019
20x20	243	1 000424020
21x21	254	1 000424021
22x22	264	1 000424022
23x23	275	1 000424023
24x24	285	1 000424024
25x25	296	1 000424025
26x26	307	1 000424026
27x27	317	1 000424027
28x28	328	1 000424028
29x29	338	1 000424029
30x30	349	1 000424030
32x32	370	1 000424032
34x34	391	1 000424034
36x36	412	1 000424036

42HS/AS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



mm	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
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

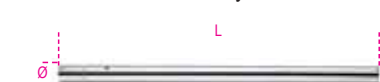


mm	Ø mm	
36	54	1 000914236
41	62	1 000914241
46	69	1 000914246

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

96THS

offset hexagon key wrenches, with high torque handles

with H-SAFE tethered system

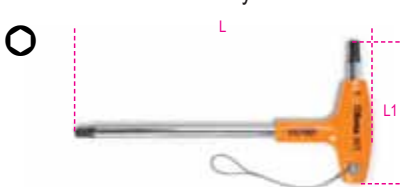


mm	L mm	L1 mm	
2,5	153	55	1 000964935
3	153	55	1 000964936
4	179	70	1 000964938
5	200	84	1 000964940
6	221	103	1 000964941
8	255	117	1 000964943
10	285	132	1 000964945

96THS-AS

offset hexagon key wrenches, with high torque handles

with H-SAFE tethered system

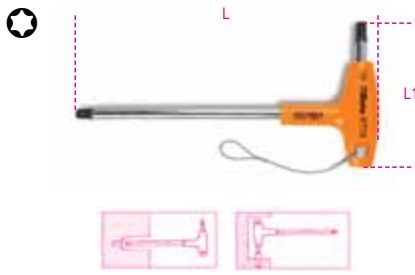


mm	L mm	L1 mm	Ø mm	
5/32	200	84	6	1 000964673
3/16	200	84	6	1 000964674
7/32	221	103	7	1 000964675
1/4	236	106	8	1 000964676
5/16	255	117	10	1 000964678
3/8	285	132	12	1 000964680



97TTXHS

offset key wrenches with handles for Torx(R) head screws with H-SAFE tethered system



Ø	L	L1		
mm	mm	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

111HS

adjustable wrenches with scales, chrome-plated with H-SAFE tethered system

- Right-hand rotation of pin
- With mm and inch scale



DIN 3117 ISO 6787

L	L	A max	A1		
mm	mm	mm	mm		
200	8	28	62,0	1	001114020
250	10	34	70,0	1	001114025
300	12	35	84,0	1	001114030
380	15	45	97,0	1	001114038
450	18	54	115,0	1	001114045

142HS

reversible ratcheting combination wrenches with H-SAFE tethered system



Ø	L		
mm	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	Ø		
mm	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



666HS

Click-type torque wrenches with reversible ratchets for right-hand tightening torque accuracy: ±3%

with H-SAFE tethered system



Nm	Kgfm	lbf.ft	■	D	A	L	■
10÷50	1÷5	7÷37	3/8	mm	mm	mm	g
				30	33	312	660

666HS/5 1 006664005

Nm	Kgfm	lbf.ft	■	D	A	L	■
20÷100	2÷10	15÷75	3/8	mm	mm	mm	g
				30	33	381	730

666HS/10 1 006664010

Nm	Kgfm	lbf.ft	■	D	A	L	LC	■
40÷200	4÷20	30÷150	1/2	mm	mm	mm	system	g
				40	43	470	*	1010

666HS/20LC 1 006664021

Nm	Kgfm	lbf.ft	■	D	A	L	LC	■
60÷300	6÷30	50÷220	1/2	mm	mm	mm	system	g
				40	43	598	*	1380

666HS/30LC 1 006664031

900E-HS/55

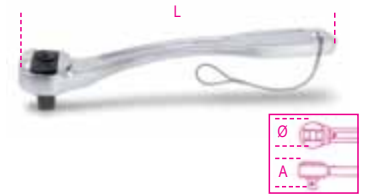
reversible ratchets with H-SAFE tethered system



L	Ø	A	■		
mm	mm	mm			
125	25	18	1/4	1	009004880

910E-HS/55

reversible ratchets with H-SAFE tethered system

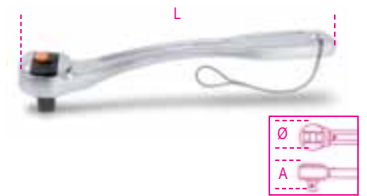


L	Ø	A	■		
mm	mm	mm			
200	30	33	3/8	1	009104880

920E-HS/55LC

reversible ratchets "Locking System"

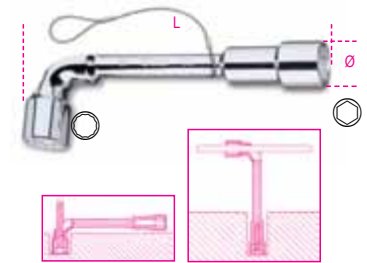
with H-SAFE tethered system



L	Ø	A	■		
mm	mm	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

Ø	Ø	L		
mm	mm	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	∅	∅1	A		
mm	mm	mm	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	∅	∅1	A		
mm	mm	mm	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	∅	∅1	A		
mm	mm	mm	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	∅	∅1	A		
mm	mm	mm	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



L	A max	L1	g		
mm	mm	mm			
250	48	39	460	1	010484215

1052HS

adjustable self-locking pliers, concave jaws with H-SAFE tethered system



L	A	A1 max	S		
mm	mm	mm	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	L1	∅	A		
mm	mm	mm	mm		
160	22	1,6	28,0	1	010824036

Beta

1088BM-HS

heavy duty end cutting nippers, bi-material handles with H-SAFE tethered system



UNI/ISO 5748

L	L1	∅	A		
mm	mm	mm	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
- Patented



L	L1	∅			
mm	mm	mm ²			
150	50	50		1	011284088

Beta

1132BM-HS

cable cutters for insulated copper and aluminium cables, bi-material handles with H-SAFE tethered system



UNI 8791

L	mm	A	B	mm	mm	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	A	mm	mm
160	37	1,6	24,0	1	011504036	
180	41	1,8	28,0	1	011504038	
200	45	2,0	32,0	1	011504040	

1166BM-HS

extra long needle knurled nose pliers, bi-material handles with H-SAFE tethered system



ISO 5745

L	mm	L1	mm	A	mm	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	A	mm	mm
200	70	1,6	22,0	1	011684040	

1290HS

screwdrivers for slotted head screws H-SAFE



ISO 2380

SxAxL	L1	Ø	mm	mm	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	L1	mm	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	L1	mm	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	L1	mm	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	L	L1	mm	mm	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	L	L1	B	mm	mm	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	L	L1	mm	mm	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

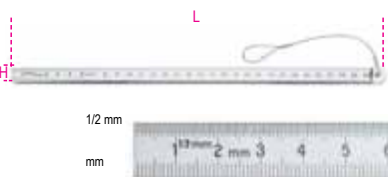
crimping pliers for insulated terminals, standard model with H-SAFE tethered system



Wire mm ²	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	±	
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

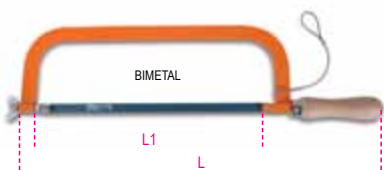
metric feeler gauges with H-SAFE tethered system



S mm	S mm	L mm	
0,05	1,0	0,002±0,040	105

1727HS

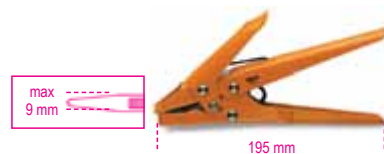
hacksaw frame, heavy series with H-SAFE tethered system



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

1778S0S-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		
70	70-100	1	088710070
100	100-135	1	088710100

8872A

fixed loop

• For belt item 8871



8872A 50		1	088720050
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8872AS

strap loop

• For belt item 8871



8872AS 25	D mm		
	25	1	088720525

8873

tool bag with self-locking
• For belt item 8871

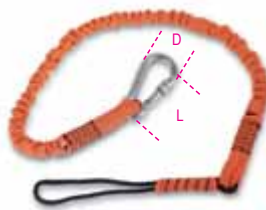


8873		1	088730230
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8877

cushioned hook-up lace

• MAX 2.7 kg



8877 80	L cm min+max	DxL mm	
	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



8879	D mm		
	30	1	088790025

8880

hard hook-up lace

• With anti-winding joint



8880	L Cm	D mm	
	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



8883	DxH cm		
	30x40	1	088830030



STAINLESS STEEL



STAINLESS STEEL
+ NO STAINLESS
STEEL = RUST



STAINLESS STEEL
+ STAINLESS
STEEL = NO RUST

THE BETA INOX TOOLS CAN BE
AUTOCLAVE STERILIZED AT 121 °C

The BETA INOX tools can be used in critical environments - that is, in areas where the minimum level of contamination is not permitted. Some examples are:

- Nuclear applications
- Pharmaceutical production - class C
- Offshore applications
- Biotechnological and biomedical laboratories
- Food industry.

The Beta Inox tools avoid improper rust formation. Whenever any tools other than those made of stainless steel are used on stainless steel screws, nuts or surfaces, a few particles may come off the tools, thereby triggering corrosion. This often results in aesthetic problems and, sometimes, in structural problems as well.

Examples of applications are:

- Shipyards
- Building
- Solar systems
- Car industry.

CHARACTERISTICS

Accurate selection of the materials¹ and the expert quest for the best heat treatment provide the Beta Inox tools with mechanical characteristics which far exceed the standards and are comparable to those of the other Beta tools.

These tools share the same ergonomic properties and design as the other Beta tools, which have been known to, and appreciated by, professional users for over 75 years.

Stainless steel is 100% recyclable, which is also a major plus.

¹ Beta Utensili uses magnetic stainless steel AISI 420

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

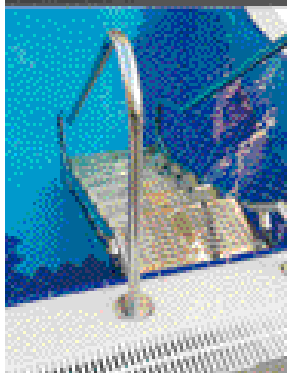
combination wrenches
made of stainless steel



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



42INOX/S11 6-8-10-11-12-13- 14-15-16-17-19 mm	1 000420391
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42INOX/SC9 8-10-11-12-13-14-15-17-19 mm	1	000420387
42/SCV91	1	000420103

42INOX-AS

combination wrenches,
made of stainless steel



"	L mm	L1 mm	g		
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
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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



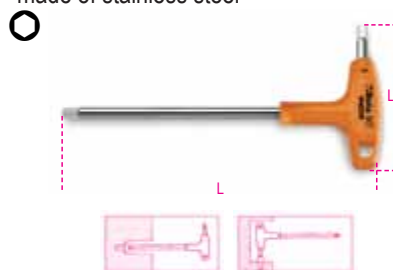
"	L mm	L1 mm	g		
5/64	91	22	5,5	4	000961989
3/32	91	22	5,3	4	000961990
7/64	101	24	10,5	4	000961991
1/8	101	24	10,7	4	000961992
9/64	112	29	18,7	4	000961993
5/32	112	29	18,7	4	000961994
3/16	131	33	31,5	2	000961995
7/32	154	36	50,0	2	000961996
1/4	164	40	70,0	2	000961997
5/16	175	44	115,0	2	000961998
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



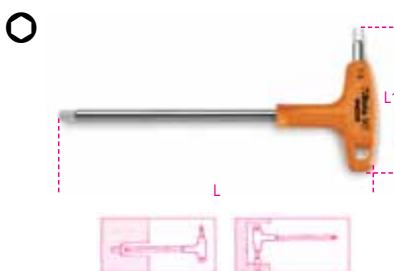
mm	L mm	L1 mm		
2,5	153	55	2	000961935
3	153	55	2	000961936
4	179	70	2	000961938
5	200	84	2	000961940
6	221	95	2	000961941
7	236	106	2	000961942
8	255	117	2	000961943
10	285	132	2	000961944



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
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111INOX

adjustable wrenches,
made of stainless steel



L mm	L "	A max mm	A1 mm		
150	6	18	45	1	001110315
200	8	24	58	1	001110320
250	10	30	70	1	001110325

920INOX-A

hexagon hand sockets,
made of stainless steel



mm	Ø mm	A mm	L mm		
8	15	10	40	2	009203008
9	16	10	40	2	009203009
10	17	10	40	2	009203010
11	18	11	40	2	009203011
12	19	11	40	2	009203012
13	20	11	40	2	009203013
14	21	11	40	2	009203014
15	23	11	40	2	009203015
16	24	11	40	2	009203016
17	25	11	40	2	009203017
18	26	13	42	2	009203018
19	28	13	42	2	009203019
20	29	13	42	1	009203020
21	30	13	43	1	009203021
22	31	15	43	1	009203022
24	34	15	43	1	009203024
27	38	18	46	1	009203027
30	42	20	46	1	009203030
32	44	20	46	1	009203032

920/55INOX

1/2" drive reversible ratchet,
72 teeth,
made of stainless steel



L mm	Ø mm	A mm		
264	40	43	1	009203882

920/R55INOX

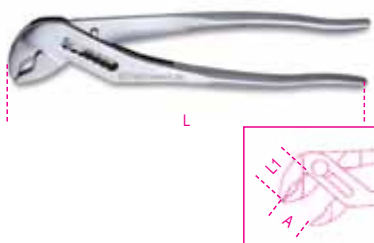


920/R55INOX	1	009203879
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1048INOX

slip joint pliers, boxed joints,
made of stainless steel

• 7-position model



L mm	A max mm	L1 mm		
250	33	33	1	010480325

1153INOX

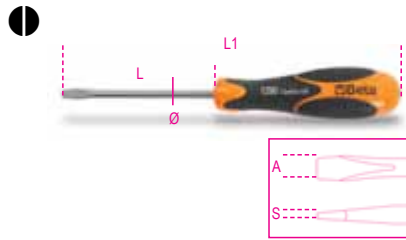
adjustable pliers, two positions,
made of stainless steel



L mm	L1 mm		
150	26	1	011530315

1290INOX

screwdrivers for slotted head screws
made of stainless steel



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



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			
1290INOX	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x150- 1,2x6,5x150 mm	4	012920403
1292INOX	PH0x60-PH1x80 PH2x100 mm	4	012920418

1370INOX

engineer's hammer,
made of stainless steel



g	A mm	L mm	L1 mm		
500	25	240	101	1	013700375

C20TSS

five-section cantilever tool box, made of AISI
304 stainless steel



C20TSS	1	021203001
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450x200x210 mm - 4kg



C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel

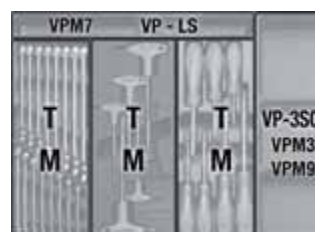
Main features:

- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium

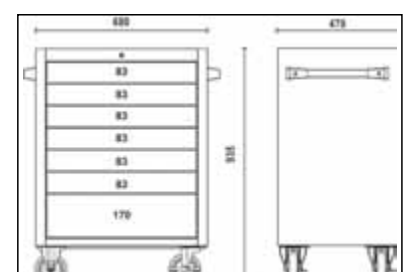
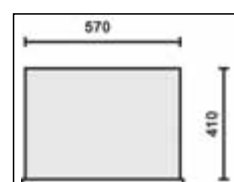
63 kg



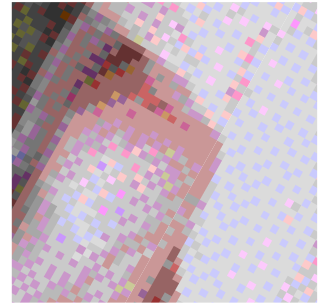
700 kg



h	max
83 mm	25 kg
170 mm	30 kg



SPARK-PROOF TOOLS



The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.

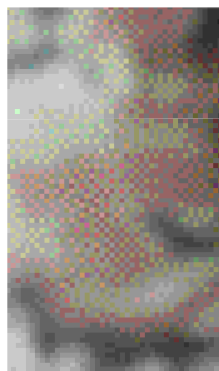


COPPER-BERILLIUM Cu-Be

The **Beta** sparkproof 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.

CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK

		CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK	
ATEX		MEDIUM-LOW	EXTREMELY LOW
GASES	ZONE 1 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.	ZONE 2 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.	
	DUSTS	ZONE 21 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.	ZONE 22 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.



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.

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

32BA

sparkproof centre punch



Ø 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



Ø 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



Ø mm	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
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
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

55BA

sparkproof double open end wrenches



Ø 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
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
16x17	165	1	000550807
18x19	170	1	000550809
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



Ø mm	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



Ø 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
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

78BA

sparkproof bi-hex ring slogging wrenches



mm	L mm		
17	145	1	000780817
19	145	1	000780819
22	165	1	000780822
24	140	1	000780824
27	155	1	000780827
30	165	1	000780830
32	180	1	000780832
34	192	1	000780834
36	208	1	000780836
38	215	1	000780838
41	225	1	000780841
46	245	1	000780846
50	250	1	000780850
55	265	1	000780855
60	275	1	000780860
65	295	1	000780865
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880

78BA-AS

sparkproof bi-hex ring slogging wrenches



mm	L mm		
11/16	145	1	000780908
3/4	145	1	000780909
7/8	155	1	000780935
15/16	165	1	000780936
1	175	1	000780938
1.1/8	180	1	000780940
1.1/4	177	1	000780910
1.7/16	208	1	000780912
1.5/8	225	1	000780914
1.13/16	243	1	000780916
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
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
18x19	265	1	000900815
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

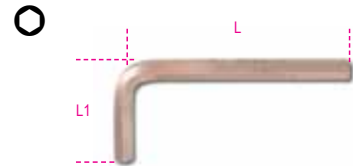
double ended flat ring wrenches, sparkproof



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

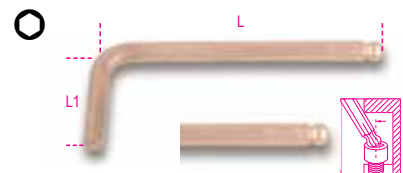
sparkproof offset hexagon key wrenches



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
12	122	44	1	000960772

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

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 mm		
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 mm	L mm		
330BA/2	50 mm	375	1	003300802

330BA/2R

spare pin and knife for gas pipe cutter 330BA, sparkproof



330BA /2-R	1	003300822
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363BA

sparkproof heavy duty pipe wrenches



L mm	Ø max mm	Ø max mm		
150	1 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

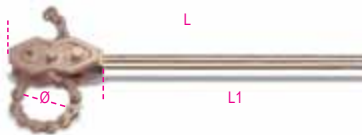
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max "		
430	1" 1/2 gas	1	003780800
530	2" gas	1	003780801

386BA

sparkproof heavy duty reversible chain pipe wrenches

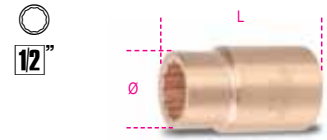


L mm	Ø max mm	L1 mm		
600	100	470	1	003860806
900	200	750	1	003860809



921BA

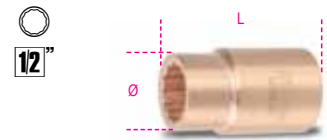
sparkproof bi-hex sockets



mm	Ø mm	L mm		
8	24,0	40	1	009210808
9	24,0	40	1	009210809
10	16,5	40	1	009210810
11	17,5	40	1	009210811
12	18,5	40	1	009210812
13	19,5	40	1	009210813
14	20,0	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



mm	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/21 - 921BA/22

sparkproof 1/2" wobble extension bars



	L mm	Ø mm		
921BA/21	125	30	1	009210842
921BA/22	250	31	1	009210844

921BA/25

sparkproof 1/2" drive universal joint

12"

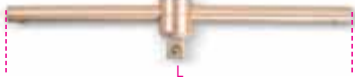


L	Ø	1/2"	1/2"	1	009210845
mm	mm				
80	25				

921BA/42

sparkproof 1/2" drive sliding T handle

12"



L	1	009210846
mm		
250		

921BA/50

sparkproof 1/2" drive push-through square ratchet

12"



L	D	A	1	009210850
mm	mm	mm		
250	45	16,5		

921BA/R50

sparkproof spare set

12"

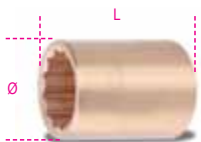


1/2"	1	009210851

926BA

sparkproof bi-hex hand sockets

3/4"



Ø	Ø	L	1	009260824
mm	mm	mm		
24	40	55		
26	40	55		
27	40	55		
28	41	55		
30	43	60		
32	45	60		
34	48	60		
36	50	60		
38	53	60		
41	57	65		
46	63	65		
50	68	70		

926BA/22

sparkproof 3/4" drive extension bars

3/4"



926BA/22	L	Ø	1	009260872
	mm	mm		
	200	38		

926BA/42

sparkproof 3/4" drive slide T-handle

3/4"



L	1	009260876
mm		
400		

926BA/50

sparkproof 3/4" push-through drive ratchet

3/4"



L	D	A	1	009260880
mm	mm	mm		
300	61	22		

926BA/R50

sparkproof spare set

3/4"



3/4"	1	009260881

937BA

hexagon socket wrenches, sparkproof



Ø	L	A	1	009370813
mm	mm	mm		
13	240	45		
17	260	51		
19	270	55		
22	278	59		
24	286	63		
27	294	69		
30	302	75		
32	310	81		
*36	330	85		
*41	350	90		

961BA

sparkproof scrapers



L	A	1	009610802
mm	mm		
250	39		
350	55		

963BA

sparkproof pry bars with pointed and flat bent ends



L	A	1	009630801
mm	mm		
500	24		
*800	24		
*1000	30		

964BA

sparkproof wrench bungs



L	1	009640801
mm		
385		

964BA/L

universal shears for barrels, sparkproof

For opening edged metal barrels



*964BA/L	L	1	009640821
	mm		
	510		

965BA

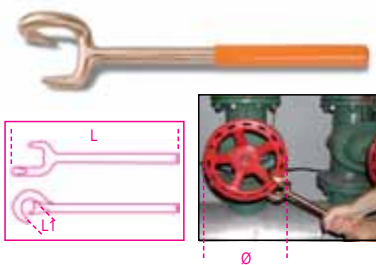
safety valve wrenches, sparkproof



A	A1	L	1	009650830
mm	mm	mm		
30	44	200		
32	50	300		
35	47	250		
40	50	300		
45	58	350		
48	62	375		
50	67	400		
55	73	450		
60	79	500		
*65	82	550		
*70	85	600		

966BA

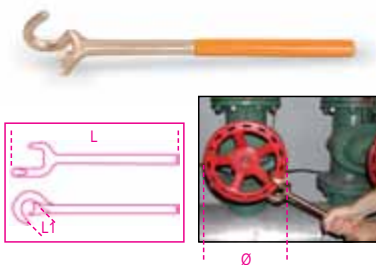
sparkproof safety valve wrench



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	Ø mm	
200	40÷100	1 010320820

1036BA

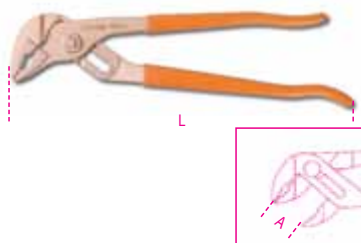
sparkproof external circlip pliers, straight pattern, PVC-coated handles



L mm	Ø mm	
200	40÷100	1 010360820

1046BA

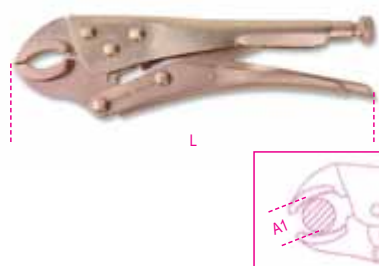
sparkproof slip joint pliers



L mm	A max mm	
250	32	1 010460801
*300	52	1 010460803

1052BA

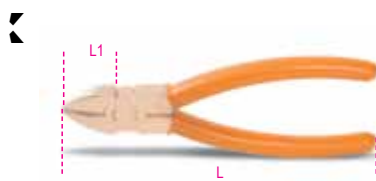
adjustable self-locking pliers, concave jaws, sparkproof



L mm	A1 max mm	
225	40,0	1 010520824

1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm	
160	22	1 010820801

1137BA

blasting pliers



L mm	L1 mm	
185	30	1 011370801

1137BA/RC

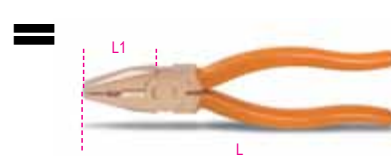
spare blade for item 1137BA



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

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	1	013700865
1370BA/500		
1370BA/MR 1000	1	013700870
1370BA/1000		

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	449	1	013800820

1380BA/MR

spare shafts for item 1380BA

1380BA/MR 1000	1	013800860
1380BA/1000		
1380BA/MR 1500	1	013800865
1380BA/1500		
1380BA/MR 2000	1	013800870
1380BA/2000		

Beta

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	1	013810870
1381BA/5000		
1381BA/MR 8000	1	013810878
1381BA/8000		

1390BA

spark-proof soft face hammer



Ø mm	L mm	L1 mm		
52	370	130	1	013900805

1390BA/R

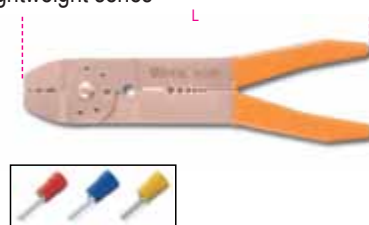
spare nylon faces for item 1390BA



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

1776BA

sparkproof knife



L1 mm	L mm	
145	250	1 017760801

1784BA

sparkproof scissors



L mm	
225	1 017840822

1972/12

ultracompact drill, 12V

- ultracompact, no more than 176 mm in length; ultralightweight, no more than 1.1 kg, with battery, perfectly balanced
- double mechanical speed with steel gears and 18-position clutch
- torque up to 34 Nm and 1500 rpm (350 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
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance
- 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 (45 min)

1,1 kg



1972/12

1 019720012

1972/18

percussion drill, 18 V, brushless -ultracompact-

- digital brushless motor: remarkably enhanced performance, including: increased power, reduced energy consumption, extended useful motor life, outstanding compactness, improved power proportioning from push button.
- torque up to 75 Nm and 2100 rpm (550 rpm in 1st gear); drills diameters up to 13 mm in steel and 45 mm in wood
 - ultracompact: no more than 192 mm in length
 - 13-mm steel chuck with free ring nut on tip, in order not to damage surfaces in case of friction
 - double mechanical speed with steel gears and selector switch for drilling, percussion drilling and screwing operations, with 20-position clutch
 - gearcase made entirely from metal, for increased sturdiness and durability
 - 5Ah batteries with charge indicator
 - triple battery self-protection (heat, overload and management of charge differences (if any) between cells) for increased safety and durable high performance
 - belt clip (right/left side)
 - front LED
 - with side handle for high torque use
 - selector switch, screwing-unscrewing-locking modes (for transportation)
 - ergonomic nonslip handle
 - supplied in a hard case with 2 lithium ion batteries (5 Ah) and quick charger (80 min)

2,2 kg



1972/18

1 019720018

1982/12EF

reversible impact wrench, 12V

ideal for jobs in small areas, provides high torque (115 Nm), one-handed operation

- 0-2,000 rpm / 0-3,000 rpm
- 2Ah batteries with charge indicator on wrench body
- ultracompact: no more than 163 mm in length; ultralightweight: no more than 1.1 kg, with battery, perfectly balanced
- 1/4" hexagon drive with locknut
- belt clip (right/left side)
- triple front LED
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- gearcase made entirely of metal
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (45 min)

1,1 kg

Beta
3-YEAR
WARRANTY



1982/12EF

1 019820012

1984/18QM

reversible impact wrench, 18V, brushless

digital brushless motor: remarkably enhanced performance, including: increased power, reduced energy consumption, extended useful motor life, outstanding compactness, improved power proportioning from push button.

- 5Ah batteries with charge indicator
- ultracompact: no more than 196 mm in length
- 1/2" male drive with bush retaining ring
- belt clip (right/left side)
- triple front LED
- gearcase made entirely of metal
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance

4 modes available:

1: 270Nm; 1400 RPM

2: 360Nm; 2000 RPM

3: 450Nm; 2750 RPM

A: 450Nm Autostop - as long as the impact wrench detects a free rotation, it applies maximum torque/speed (450Nm; 2750 RPM)

when the nut reaches the end of stroke and stops rotating, the impact wrench keeps applying maximum torque for 1 second; then it sets itself to the lowest level, to avoid damaging the nut

- supplied in a hard case with hexagon bit holder adaptor (1/4"), 2 lithium ion batteries (5 Ah) and quick charger (80 min)

2,3 kg

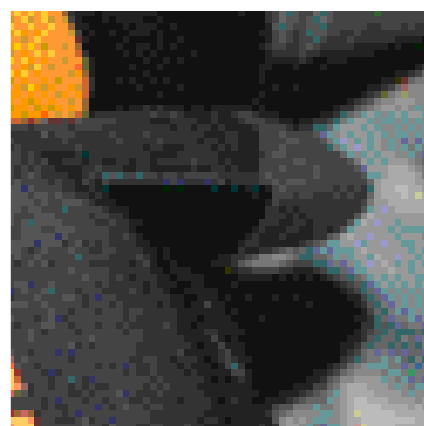
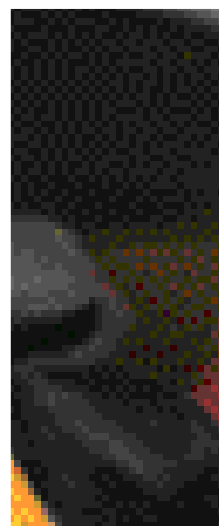
Beta
3-YEAR
WARRANTY



1984/18QM

1 019840018

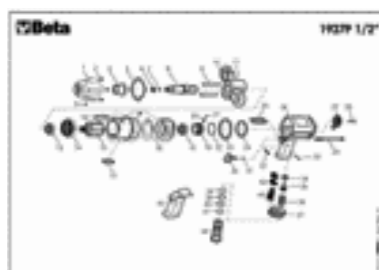
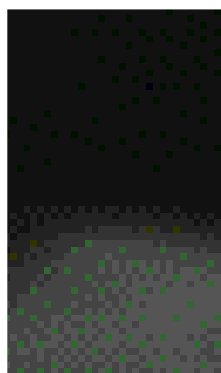
PNEUMATIC TOOLS AND ACCESSORIES



For over 15 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.



1921B1

baby reversible air ratchet

1/4"

CE



130 mm

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

1/4"	kg	1	019210001
------	----	---	-----------

1921N3

reversible ratchet

1/2"

CE



258 mm

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

1/2"	kg	1,2	1	019210025
------	----	-----	---	-----------

1922P3

reversible air impact ratchet

1/2"

CE



292 mm

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

1/2"	kg	1,5	1	019220013
------	----	-----	---	-----------

1921M1

compact reversible air ratchet

1/4"

CE



198 mm

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

1/4"	kg	0,6	1	019210005
------	----	-----	---	-----------

1922P1

reversible air impact ratchet

1/4"

CE



164 mm

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

1/4"	kg	0,6	1	019220006
------	----	-----	---	-----------

1924F

butterfly compact reversible impact wrench

3/8"

CE



139 mm

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

3/8"	kg	0,5	1	019240025
------	----	-----	---	-----------

1921M2

compact reversible air ratchet

3/8"

CE



198 mm

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

3/8"	kg	0,6	1	019210015
------	----	-----	---	-----------

1922P2

reversible air impact ratchet

3/8"

CE



164 mm

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

3/8"	kg	0,6	1	019220010
------	----	-----	---	-----------

Beta

1924B

compact reversible impact wrench

- "Pin Clutch" impulse device



Free speed	10,000 rpm
Max. torque	353 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 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

3/8	1,5	1	019240021
-----	-----	---	-----------

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

1/2	1,9	1	019270007
-----	-----	---	-----------

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

1/2	1,3	1	019270030
-----	-----	---	-----------

1924CD

reversible impact wrench,
made from composite material

- Double hammer impulse device



Free speed	10,000 rpm
Max. torque	410 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 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

3/8	1,3	1	019240007
-----	-----	---	-----------

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

1/2	2,0	1	019270008
-----	-----	---	-----------

1927A

reversible impact wrench

- "Pin Clutch" impulse device



Free speed	7,000 rpm
Max. torque	610 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	160 l/min
Weight	2,7 kg

1/2	2,7	1	019270002
-----	-----	---	-----------

1927AN

Angle reversible impact wrench

- Single hammer impulse device

12"

CE



Max. torque	244 Nm
Bolt capacity	244 Nm
Bolt capacity	CI 8.8 M14 ● 21 mm
Air inlet	CI 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	019270012
1/2"	2,1		

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



■	kg	1	019270000
400			

Beta

1928CD

reversible impact wrench,
made from composite material

- Double hammer impulse device

3/4"

CE



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	1	019280007
3/4"	3,5		

1928DA

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1.695 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,3 kg

■	kg	1	019280022
3/4"	4,3		

1928DAL

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1.695 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,8 kg

■	kg	1	019280023
3/4"	4,8		

1928K4

assortment of one reversible impact wrench
and four impact sockets, long series

- "Pin Clutch" impulse device

3/4"

CE



728L 27-30-32-36 mm

Free speed	4,000 rpm
Max. torque	1.493 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Impact wrench weight	5,2 kg

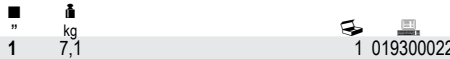
■	kg	1	019280104
3/4"	9,3		
410x330x106 mm			

1930CD

reversible impact wrench,
made from composite material
• 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	320 l/min
Weight	7,1 kg



1930PA

reversible impact wrench
• Double hammer impulse device



Free speed	3,500 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
Operating pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	350 l/min
Weight	9,6 kg

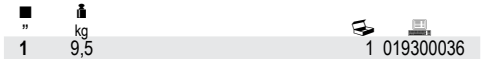


1930A

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

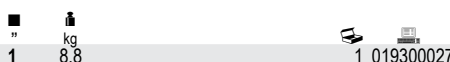


1930NCD

reversible impact wrench,
made from composite material
• 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	320 l/min
Weight	8,8 kg

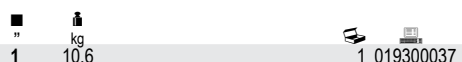


1930LA

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

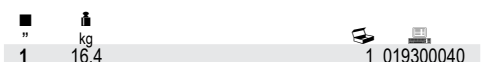


1930HLA

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



1930ZL

reversible impact wrench

• Double hammer impulse device

1 1/2"
CE



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

1 1/2 kg 15 1 019300070

1931CD10

reversible drill,
made from composite material

CE



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

1,0 kg 1 019310010

1931AN10

reversible angle drill

CE



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

1,1 kg 1 019310030

1931CD6

reversible drill,
made from composite material

CE



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

0,6 kg 1 019310006

1931CD13

reversible drill,
made from composite material

CE



Free speed	800 rpm
Chuck capacity	1,5÷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

1,3 kg 1 019310013

1932B10

reversible drill

CE



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,23 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

1,2 kg 1 019320040

1932RS13

reversible drill



CE



Free speed	750 rpm
Chuck capacity	1,5÷13 mm
Power	0,23 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

1932B13

reversible drill



CE



Free speed	400 rpm
Chuck capacity	1,5÷13 mm
Power	0,34 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	180 l/min
Peso	1,6 kg

1,6

1 019320004

1933

die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



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

1933I

die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



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

1933L

long spindle die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



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

1933IL

long spindle die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 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

1933AN90

angle grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



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

1934BV

low-speed tyre buffer

• Collect chuck, Ø 3 mm and 6 mm

CE



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

1934MAV

micro die grinder

CE



Free speed	56,000 rpm
Chuck capacity	3 mm
Power	0,04 kW
Air inlet	1/4" GAS
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

CE



Free speed	70,000 rpm
Chuck capacity	3 mm
Power	0,08 kW
Air inlet	1/4" GAS
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

1/4

CE



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

CE



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

CE



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

1936/5

angle grinder

CE



Free speed	10,500 rpm
Grinding disc size	125 mm
Power	0,7 kW
Spindle thread	M14
Air inlet	1/4" GAS
Working pressure	6,2 bar
Ø internal hose size	10 mm
Mean air consumption	380 l/min
Weight	2 kg

kg 2,0 1 019360005

Beta

1936/7 angle grinder

CE



Free speed	7,000 rpm
Grinding disc size	178 mm
Power	1,4 kW
Spindle thread	M14
Air inlet	3/8" GAS
Working pressure	6,2 bar
Ø internal hose size	13 mm
Mean air consumption	500 l/min
Weight	3,6 kg

kg	1	019360007
3,6		

1937 Roto-orbital palm sander, lubrication free, made from composite material

• Orbit diameter: 5 mm

CE



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	1	019370001
0,86		

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

CE



Free speed	15000
Power	0.25
Pad size	50 - 75
Spindle thread	M6 x 1.0
Air inlet	1/4"
Operating pressure	6.2 bar
Internal hose size (Ø)	10
Mean air consumption	79
Polisher weight	0.64
Kit weight	1.4

kg	1	019370171
1,4		

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

* Prices refer to 10 pieces

Beta

Beta

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

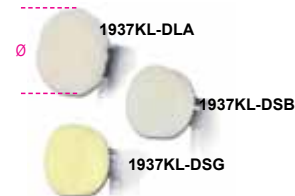
CE



Free speed	3,200 rpm
Power	0.25 kW
Pad size	75 mm
Spindle thread	M6
Air inlet	1/4" GAS
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	019370161
1,8		

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

1937RT

orbital palm sander, made from composite material, with suction system

- Orbit diameter 5 mm
- Rectangular pad (100x110 mm)
- Delta pad (125x95 mm)

CE



Free speed	10,000 rpm
Orbit diameter	5 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	180 l/min
Weight	0.9 kg
Peso	0.9 kg

kg	0,9	1 019370021
----	-----	-------------

1937RT/R

rectangular pad for item 1937RT



	L	L1	
1937RT/R	mm	mm	1 019370022
	110	100	

1937RT/T

Delta pad for item 1937RT



	L	L1	
1937RT/T	mm	mm	1 019370023
	125	95	

1937M

multi-use sander with 16 accessories

CE



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	1937M-	
1937M-01	mm	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

* The prices shown are for 6 pieces

1937N10

pneumatic belt sander

CE



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
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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

The prices shown are for 10 pieces

1937N20

pneumatic belt sander

CE



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
----	-----	-------------

Beta

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

The prices shown are for 10 pieces

1938

Windscreen remover

• Supplied with 1 57 mm straight blade

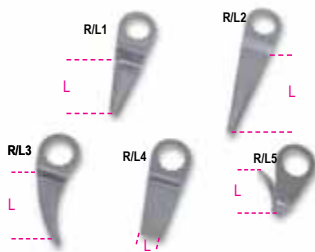


Oscillations/minute	20,000
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	6,5 mm
Mean air consumption	200 l/min
Weight	1,0 kg

kg	1,0	1 019380021
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1938R/L

blades for windscreen removers



	L mm	
1938R/L1	57	1 019380041
1938R/L2	90	1 019380042
1938R/L3	50	1 019380043
1938R/L4	16	1 019380044
1938R/L5	36	1 019380045

1938R/S5

set of 5 blades for item 1938

1938R/S5	1 019380055
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1940

air hammer



Strokes per minute	3,500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Ø internal hose size	8 mm
Mean air consumption	240 l/min
Weight	1,9 kg

kg	1,9	1 019400001
----	-----	-------------

1940MT

spare retainer spring for item 1940



1940MT	5 019400110
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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
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1940E10

air hammer

• Compatible with chisels with 10-mm hexagon drive



Strokes per minute	2,900
Chisel inlet	Ø 10 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	76 l/min
Weight	1,7 kg

kg	1,7	1 019400010
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1940E10/MT

spare retainer spring for item 1940E10



1940E10/MT	5 019400112
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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

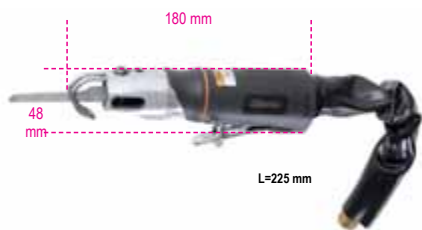


1940E10/S5	1 019400050
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1942A

air saw

CE



Strokes per minute	10.000
Stroke length	10 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	75 l/min
Weight	550 g

550 g 1 019420000

1942LR

Bimetal blades
for air saw 1942A



1942LR 5 019420032

1944A

axial needle scaler

CE



Strokes per minute	3.800
Stroke length	33 mm
N°. of needles	19
Needle size (Ø)	3 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	85 l/min
Weight	2.8 kg

2,8 kg 1 019440011

1944N

needle scaler

CE



Strokes per minute	3800
Stroke length	33 mm
N°. of needles	19
Needle size (Ø)	3 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	85 l/min
Weight	2.7 kg

2,7 kg 1 019440002

1944AR

set of needles
for needle scalars 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	5 - 7 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	1.12 l/cycle
Weight	0.87 kg

0,9 kg 1 019450000

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

1,16 kg 1 019450200

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
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1946T

air riveter

- supplied with interchangeable nozzles for steel, stainless steel, aluminium and copper rivets, 2.4 - 3.2 - 4.0 - 4.8 mm long



Traction power	9,000 N
Stroke length	16 mm
Maximum rivet capacity	Stainless steel Ø 4.8 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Air consumption	2.0 l/cycle
Weight	1.7 kg

kg	1,7	1 019460021
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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
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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
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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



Tube size	50x210 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
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Beta

1947H

bonding gun



Tube size	210x50 mm
Cartridge capacity	300/310 ml
Air inlet	1/4" GAS
Operating pressure	4 ÷ 8 bar
Internal hose size (Ø)	2,5 mm
Mean air consumption	120 l/min
Weight	750 g

g
750

kg
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



g
1947G

kg
1 019470051



1947M

gun for single-component sealants



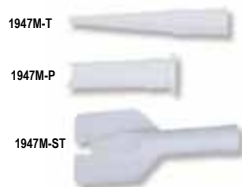
Tube dimensions	210x50 mm
Cartridge capacity	310 ml
Air inlet	1/4" GAS
Working pressure	3 ÷ 5 bar
Nozzle Ø	1.6 - 2.5 mm
Mean air consumption	250 l/min
Weight	1.2 kg

kg
1,2

kg
1 019470021

1947M -...

spare nozzles for item 1947M



1947M-ST	10 019470025
1947M-T	10 019470026
1947M-P	10 019470027

* Stated prices are for 10 pieces

1948

engraving pen



Strokes per minute	3500 ÷ 3800
Maximum hardness	60 HRC
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Mean air consumption	50 l/min
Weight	150 g

g
150

kg
1 019480001

1948PR

spare tungsten carbide bit
for item 1948

• Maximum hardness: 60 HRC



1948PR

kg
1 019480005

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

kg
1 019490022

1949BC/RU

5 rubber nozzles for item 1949BC



1949BC/RU

kg
1 019490122



1949T

telescopic progressive blow gun

- Hard-wearing, shockproof composite material body
- Telescopic steel swivel tube: 165 mm ÷ 300 mm



Aluminium threaded insert
 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
 5 019490035

1949F

progressive blow gun

- Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material
- The special valve and the lever allow the circuit to be progressively opened, thus optimizing air flow



Brass threaded insert
 Operating pressure 6-8 bar
 Maximum operating pressure 10 bar
 Operating temperature -15°C ÷ 70°C
 Weight 130 g

g 130
 5 019490027

1949G

progressive blow gun with air regulator

- Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material
- The special valve and the lever allow the circuit to be progressively opened, thus optimizing air flow



Brass threaded insert
 Operating pressure 6-8 bar
 Maximum operating pressure 10 bar
 Operating temperature -15 °C ÷ 70 °C
 Weight 140 g

g 140
 5 019490035

1949DGT

digital tyre inflator

- Operating pressure: 0÷11 bar (2.0÷160 psi)
- 4 units of measurement: psi/bar/kgcm2/kpa
- Backlit LCD display
- Reset feature
- Self-power off after 3 min.
- Pressure release button
- Resolution: 0.05 bar
- ABS housing, protective rubber shell on gauge, shockproof, nonslip handle grip
- Power supply: 2 AAA size 1.5V batteries
- Compatible with coupling 1916G 1/4"



bar g 0-11 500
 1 019490020

Beta

1949GPE

tyre inflator

- Operating pressure: 0÷11 bars (10÷160 psi)
- Pressure release feature
- Pressure measurement feature
- Gauge coated with shockproof rubber
- 360 degree hose rotation



bar g 0÷11 640
 1 019490008

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 0,7÷12 810
 1 019490011

1949M

tyre pressure tester



bar psi g 0÷4 5÷60 280
 1 019490400

1951

cleaning gun

- For cleaning car upholstery, carpeting, seats and boots



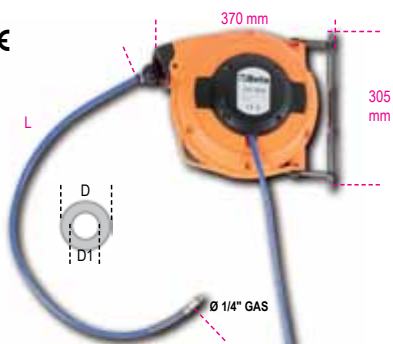
Free speed	3,600 rpm
Tank capacity	1 L
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	110 l/min
Weight	650 g

g	1	019510051
650		

1901BM/8

automatic hose reel
shock-proof plastic body
for compressed air or cold water
• Max. operating pressure: 12 bar

CE



D1xD	L	Ø GAS	
mm	m	BSP	
8x12	9+1	1/4"	1 019010111

1901T/10

automatic hose reel,
shock-proof plastic body,
for compressed air or cold water
• Max. operating pressure: 15 bar

CE



D1xD	L	Ø GAS	
mm	m	BSP	
10x14	15+1	3/8"	1 019010210

1910/8 - 1910/10

automatic hose reel,
aluminium body,
for compressed air or cold water
• Max. operating pressure: 15 bar

CE



D1xD	L	A	B	Ø GAS	
mm	m	mm	mm	mm	
8x12	9+1	375	130	1/4"	1 019100008

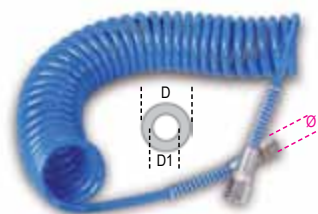
1910/8	1	019100008
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D1xD	L	A	B	Ø GAS	
mm	m	mm	mm	mm	
10x14	15+1	490	160	3/8"	1 019100010

1910/10	1	019100010
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1914

polyurethane recoiled hoses, 98 Shore,
extendable
• Maximum operating pressure: 12 bar

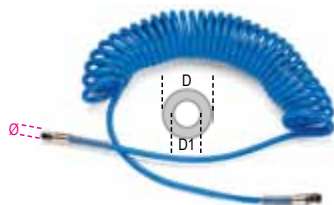


L	D1xD	Ø GAS	
m	mm	BSP	
4	5x8	1/4"	1 019140054
6	5x8	1/4"	1 019140056
10	5x8	1/4"	1 019140060

1915B

polyurethane recoil hoses, 95 Shore,
extendable up to 9 m

- Maximum operating pressure: 10 bar

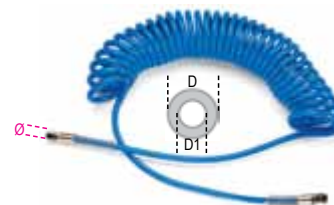


D1xD	Ø GAS	
mm	BSP	
6,5x10	1/4"	1 019150011
8x12	1/4"	1 019150012
11x16	3/8"	1 019150013

1915C

polyurethane recoil hoses, 95 Shore,
extendable up to 12 m

- Maximum operating pressure: 10 bar

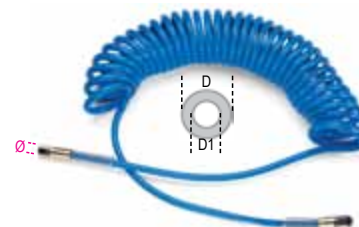


D1xD	Ø GAS	
mm	BSP	
6,5x10	1/4"	1 019150014
8x12	1/4"	1 019150015
11x16	3/8"	1 019150016

1915C/L

polyurethane recoil hoses, 95 Shore,
extendable up to 15 m

- Maximum operating pressure: 10 bar



D1xD	Ø GAS	
mm	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	Ø GAS	
mm	BSP	
8x12	1/4"	1 019150017
11x16	3/8"	1 019150018

1915E

braided polyurethane hose, 95 Shore,
12 metres long

- Maximum operating pressure: 15 bar



D1xD	Ø GAS	
mm	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	Ø GAS		
mm	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, European profile, female threaded, tapered (BSPT)



Ø GAS	BSPT		
1/4"		5	019160055
3/8"		5	019160060

1916JM

quick couplings, Asian profile, male threaded, tapered (BSPT)



Ø GAS	BSPT		
1/4"		1	019170406
3/8"		1	019170410
1/2"		1	019170412

1916JF

quick couplings, European profile, female threaded, cylindrical (BSP)



Ø GAS	BSPT		
1/4"		1	019160456
3/8"		1	019160460

1916R

quick couplings, European profile, hose tail fitting, tapered (BSPT)



D1			
mm			
6		5	019160106
8		5	019160108
11		5	019160111

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

1918

hose tail fitting, male threaded



D1	Ø GAS		
mm	BSPT		
8	1/4"	3	019180008
10	3/8"	3	019180010
12	1/2"	3	019180012

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

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

1/4"



Air in/outlet
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

3/8"



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

1/2"



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



	TOOL CASES & TROLLEYS					TOOL BAGS & BOXES																	
	2009N/BV	2029/VV	2032TV	2033P/VV	2036TV	C6T	C5	C7	CP15L	C11	CP17L	C10	CP17	C10S	C12	C14	CP15	C18	C19L	C19	C20	C20L	
5915VU/0						✓																	
5915VU/1										✓	✓	✓						✓					
5915VU/2								✓									✓				✓	✓	
5915VU/3								✓		✓	✓	✓								✓	✓	✓	
5915VU/4																					✓	✓	
5915VU/5															✓								
5915VU/AS														✓							✓	✓	
5980MQ		✓																					
5980EL/A			✓	✓																			
5980EL/B		✓		✓	✓																		
5980ET/A			✓												✓								
5980ET/B		✓		✓	✓										✓								
5980U/BIKE												✓											✓
5980ID	✓																						
5914VU/M																✓							
5941KART										✓	✓							✓					

2001/B26

fabric wallet with assortment of 26 tools



2001/B26

1 020010050

55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm

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

1044F 250 mm

1128BMX 145 mm

1150 180 mm

1201 3x75 - 4x100 - 5,5x150 mm

1202 PH1x80 - PH2x100 mm

1370 300 g

1692 2 m

1770A 9 mm

2001/BV

1 020010051

2005PA/D

tool pouch,
empty, made from nylon, with belt



2005PA/D

1 020050000

2005PA/S

tool pouch,
empty, made from nylon, with belt



2005PA/S

1 020050020

2009N/BV

leather bag for maintenance



mm
530x190x210

1 020090200

2009ID

bag with assortment of tools
for plumbing maintenance



2009ID
(2009N/BV+5980ID)

1 020090012

2028/VV

tool case, made of polypropylene

2 tool panels
Interior bottom with removable partitions
Double combination lock



mm
470x185x410 mm

1 020280010

2028E

tool case with assortments of tools
for electronic and electrotechnical maintenance



2028EL/A
(2028/VV+5980EL/A)
2028ET/A
(2028/VV+5980ET/A)

1 020280114

1 020280118

2029/VV

tool case, made of thick polypropylene,
aluminium edged

2 interior tool panels



mm
490x380x230

1 020290000

2029E

tool cases with assortments of tools
for electronic and electrotechnical
maintenance



2029BG-MQ
(2029/VV+5980MQ)
2029 ET/B
(2029/VV+5980ET/B)
2029 EL/B
(2029/VV+5980EL/B)

1 020290257

1 020290221

1 020290217

2029/RT

universal shoulder strap for bags and cases



2029/RT

1 020290900

 Beta

 Beta

2032/TV

tool trolley, made from plastic

2 tool panels
Tool pocket
Interior bottom with removable partitions



mm
430x370x200 1 020320110

2032/TE

tool trolley with assortments of tools for electronic and electrotechnical maintenance



2032TET/A (2032/TV+5980ET/A) 1 020320228
2032TEL/A (2032/TV+5980EL/A) 1 020320214

2033 P/VV

wall tool case, made from aluminium, with ABS sides

2 tool panels
Interior bottom with removable partitions



mm
500x380x200 1 020330300

2033P

tool cases with assortments of tools for electronic and electrotechnical maintenance



2033PET/B (2033P/VV+5980ET/B) 1 020330127
2033PEL/A (2033P/VV+5980EL/A) 1 020330114
2033PEL/B (2033P/VV+5980EL/B) 1 020330115

2036/TV

tool trolley, made of thick polypropylene, aluminium edged

2 tool panels
Telescopic handle
Ball bearing castors



mm
490x380x260 1 020360000

2036E

trolley with assortments of tools for electronic and electrotechnical maintenance



2036TET/B (2036/TV+5980ET/B) 1 020360123
2036EL/B (2036/TV+5980EL/B) 1 020360118

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



mm
420x325x275 mm 1 020370000

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



mm
430x500x340 1 020380000

2041UC

Utility Case with assortment of 33 tools



2041UC

1 020410200

55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm

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

111 200 mm

1048V 250 mm

1128BMX 145 mm

1150 180 mm

1201 2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 mm

1202 PH0x60 - PH1x80 - PH2x100 mm

1370 300 g

1692 3m

1771 170 mm

1834/70 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 020510200

42 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

55AS 3/8x7/16 - 1/2x9/16 - 5/8x11/16"

96/SC9 \varnothing 1,5+10 mm

111 200 mm

920A \varnothing 10 - 12 - 13 - 14 - 17 - 19 mm

920AS \varnothing 7/16 - 1/2 - 9/16 - 11/16 - 7/8"

920/22 255 mm - \square 1/2 - \blacksquare 1/2

920/25 \square 1/2 - \blacksquare 1/2

920/42 \blacksquare 1/2

920/55 \blacksquare 1/2

956C \square 1/2 - 16 - 20,8 mm

1048 250 mm

1084BM 160 mm

1128BMX 145 mm

1150BM 180 mm

1166BM 160 mm

1201 \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm

1202 \bullet PH1x80 - PH2x100 mm

1390 \varnothing 35 mm

1490/2 \varnothing max 240 mm

1737 145 mm

1778X

1995 WD40 400 ml

1639NS-N 25m

585x393x92 mm - 9 kg

2055HB

"Home Bag" case with assortment of 24 tools



2055HB

1 020550210

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

1048V 250 mm

1201 3x75 - 4x100 - 5,5x100 mm

1202 PH0x60 - PH1x80 - PH2x100 mm

1370 300 g

1692 3m

373x275x70 mm - 3 Kg

2060/VV

hard cavity wall tool case

Floating, waterproof/watertight
Made from thick resin
With manual pressure release valve



IP67

490x410x210

1 020600101

2080/V6

organizer tool case with 6 removable tote-trays
and adjustable partitions



385x320x60

1 020800060

2080/V6-U

removable tote-tray for organizer tool case
2080/V6



2080/V6-U

90x60x50 mm

1 020800066

2080/V12

organizer tool case with 12 removable tote-trays



2080/V12

300x145x330

1 020800000

2080/V12-...

removable tote-tray for organizer tool case
2080/V12



2080/V12-S

95x75x65 mm

3 020800013

2080/V12-M

145x75x65 mm

2 020800015

2080/V12-L

295x75x65 mm

1 020800020

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	1	021040121
(C4+5915VU/0)		
≡ 360x330x260x mm - 2,5 kg		

C5 - 2105

tool rucksack, made of technical fabric



C5	1	021050000
2105VU0	1	021050121
(C5+5915VU/0)		
≡ 500x400x180 mm - 2,5 Kg		

C6T - 2106

tool rucksack, made of technical fabric, with castors



C6T	1	021060010
2106T/VU0	1	021060121
(C6T+5915VU/0)		
≡ 480x370x220 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	1	021070102
(C7+5915VU/2)		
2107VU/3	1	021070104
(C7+5915VU/3)		
≡ 440x370x170 mm - 3,5 kg		

C8 - 2108

technical fabric tool trolley



C8	1	021080000
2108 VU/1	1	021080021
(C8+5915VU/1)		
≡ 470x370x280 mm - 4 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
2109 VU/1	1	021090021
(C9+5915VU/1)		
2109VU/3	1	021090124
(C9+5915VU/3)		
≡ 550x280x320 mm - 2,6 kg		

C9/RT

shoulder strap for items C4,C7,C9,C10,C10S,C11 and C12



C9/RT	1	021090900
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Beta

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
2110 VU/1 (C10+5915VU/1)	1	021100021
2110VU/3 (C10+5915VU/3)	1	021100024
2110VU/AS (C10+5915VU/AS)	1	021100026

≡ 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
2110S VU/1 (C10S+5915VU/1)	1	021100101
2110SVU/3 (C10S+5915VU/3)	1	021100104

≡ 420x220x250 mm - 📦 2,3 kg



C11 - 2111

technical fabric tool box



C11	1	021110000
2111 VU/1 (C11+5915VU/1)	1	021110101
2111VU/3 (C11+5915VU/3)	1	021110104

≡ 400x240x220 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	021120128
2112ET/B (C12+5980ET/B)	1	021120129
2112VU/5 (C12+5915VU/5)	1	021120156

≡ 500x370x270 mm - 📦 5 kg

C13

tool trunk with castors,
made of sturdy polypropylene



C13	1	021130000
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≡ 870x410x350 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	021140009

≡ 580x380x455 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	021150231
2115PVU/2 (CP15+5915VU/2)	1	021150233

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	021150241
2115PL-VU/3 (CP15L+5915VU/3)	1	021150244

558x277x270 mm - 2,5 kg

Beta

2115P L-MQ32

assortment of 32 insulated tools for hybrid cars, in plastic tool box with soft thermoformed tray



2115PL-MQ32	1	021150332
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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
2116 VU/1 (C16+5915VU/1)	1	021160101
2116VU/3 (C16+5915VU/3)	1	021160104

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	021170041
2117P-VU/3 (CP17+5915VU/3)	1	021170044
CP17L	1	021170502
2117L-VU/1 (CP17L+5915VU/1)	1	021170141
2117PL-VU/3 (CP17L+5915VU/3)	1	021170144

C18 - 2118

tool box made from sheet metal



C18	1	021180001
2118 VU/1 (C18+5915VU/1)	1	021180031

450x200x100 mm - 3 kg

Beta

Beta

C19 - 2119 - C19L - 2119L

three-section cantilever tool box,
made from sheet metal



C19

≡ 450x200x160 mm

C19L

≡ 550x200x160 mm

C19	1	021190001
C19L	1	021190002
2119VU/3 (C19+5915VU/3)	1	021190024
2119L-VU/3 (C19L+5915VU/3)	1	021190124

C20 - C20L - 2120

five-section cantilever tool box,
made from sheet metal



C20

≡ 450x200x210 mm

C20L

≡ 550x200x210 mm

C20	1	021200001
2120 VU/2 (C20+5915VU/2)	1	021200016
2120VU/3 (C20+5915VU/3)	1	021200028
2120 VU/4 (C20+5915VU/4)	1	021200018
2120VU/AS (C20+5915VU/AS)	1	021200021
C20L	1	021200002
2120L-VU/2 (C20L+5915VU/2)	1	021200116
2120L-VU/3 (C20L+5915VU/3)	1	021200128
2120L-VU/4 (C20L+5915VU/4)	1	021200118
2120L-VU/AS (C20L+5915VU/AS)	1	021200121

C20TSS

five-section cantilever tool box, made of AISI
304 stainless steel



C20TSS

≡: 450x200x210 mm - 4kg

1	021203001
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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


















ROLLER CABS & CONTAINERS

LOOSE TOOLS

TRAYS

							C59 				
							C55 				
							C39/6 	C39MD 			
							C33/6 	C39SM 			
							C24SL-CAB 	C39/7 	C39/8 		
							C24SL 	C33/7 	C33/8 		
							C24SA/6 	C24SA/7 	C24SA/8 		
							C24S/6 	C24S/7 	C24S/8 		
without supports	5902MT	✓	✓	✓							
	5902MT/AS	✓	✓								
	5902VI	✓	✓		✓						
	5904VG/3							✓		✓	
	5905VG/1										
	5905VG/2										
	5910VI/3										
	5953VI										
	5953VG										
	5954VI										
	5954VG										
	5940SBK										
	5941 VU-M										
with supports	5957U-P										
	5957VG										
	5957VI										
	5958U										
soft modules	5904VU/1M				✓	✓	✓	✓	✓	✓	
	5904VG/1M										
	5904VU/2M						✓	✓	✓	✓	
	5904VG/2M										
	5927VU/M										
	5935VG/1MB										
	5935VI/1MB										
	5935VI/2MB										
	5935ET/1MB										
	5935VU/1MB										
5988ROAD/7M										✓	
5988U6/M										✓	
foam trays	5904VI/1T				✓	✓	✓	✓	✓	✓	
	5904VG/5T								✓	✓	
	5904VI/2T									✓	
	5904VI/3T									✓	
	5904VG/2T				✓	✓	✓	✓	✓	✓	
	5904VU/3T										
	5904VU/2T						✓	✓		✓	
	5904VG/3T										
	5908VG/2T										
	5908VI/2T										
	5910VI/3T										
	5910VG/3T										
	5938U/2T										

ROLLER CABS & CONTAINERS

												   		
C24SA-XL	C25	C27S	C28	C30S	C35	C38	C39T	C41H	C42H	C53	C54	C55PS	C57SA	C58P
	✓	✓												
	✓													
				✓										
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C22S

portable tool chest
with three drawers

Main features:

- Three drawers (588x277 mm) with ball bearing slides:
- 1 drawer, 50 mm high
- 2 drawers, 70 mm high.
- Front centralized safety lock.
- Retractable side handles for ease of handling.

19 kg



C22S-O



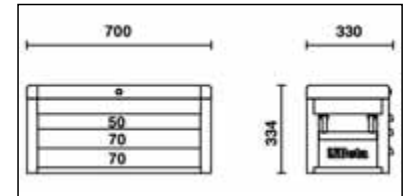
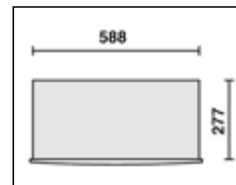
C22S-G



C22S-R



h	max
50 mm	25 kg
70 mm	25 kg



C22S-O	1	022000501
C22S-G	1	022000502
C22S-R	1	022000503

C23S

portable tool chest
with five drawers

Main features:

- Five drawers (588x277 mm) with ball bearing slides:
- 2 drawers, 50 mm high
- 3 drawers, 70 mm high.
- Front centralized safety lock.
- Retractable side handles for ease of handling.

26 kg



C23S-O



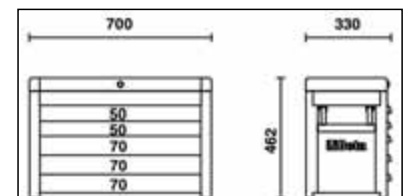
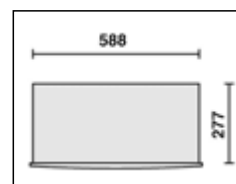
C23S-G



C23S-R



h	max
50 mm	25 kg
70 mm	25 kg



C23S-O	1	023000501
C23S-G	1	023000502
C23S-R	1	023000503

C23SC - 2300SC

portable tool chest
with eight drawers

Main features:

- Eight drawers with ball bearing slides:
4 drawers, 50 mm high
3 drawers, 70 mm high
1 drawer, 100 mm high.
- Front centralized safety lock.
- Retractable side handles for ease of transport.

28 kg



C23SC-O

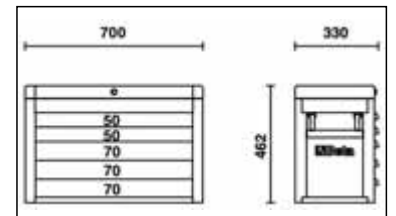
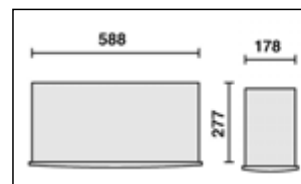


C23SC-G



C23SC-R

h	max
50 mm	25 kg
70 mm	25 kg



C23SC-O	1	023000511
C23SC-G	1	023000512
C23SC-R	1	023000513

C23ST

portable tool chest
with five drawers

Main features:

- Five drawers (588x367 mm) with ball bearing slides:
5 drawers, 70 mm high.
- Front centralized safety lock.
- Can be fitted with kit composed of 4 castors and 1 handle (2300ST/KIT)

36 kg



C23ST-O

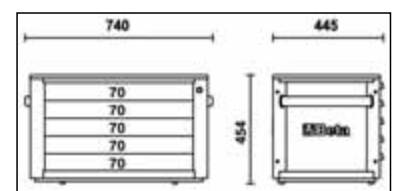
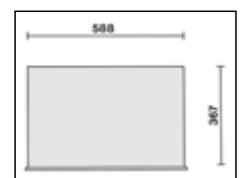


C23ST-G



C23ST-R

h	max
70 mm	25 kg



C23ST-O	1	023000521
C23ST-G	1	023000522
C23ST-R	1	023000523

2300ST/KIT

kit with 4 castors and 1 handle for item C23ST

- Four castors 125 mm in Ø:
2 fixed and 2 steering (two with brakes).
- Telescopic handle

6,5 kg

2300ST/KIT

1 023000950



CD23S

Caddy trolley

Main features:

- ABS worktop designed to match tool chests C22S, C23S, C23SC.
- The removable handle can be stored underneath the chassis.
- Four castors 125 mm in Ø:
2 fixed and 2 steering (one with brake).
- Maximum load: 250 kg.

14 kg

CD23S

1 023000610



C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel

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

C04TSS/7

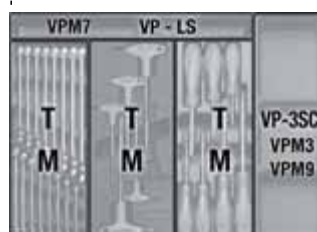
1 024003077 243



700 kg



570 mm



410 mm

h	max
83 mm	25 kg
170 mm	30 kg

C24S/5

mobile roller cab with five drawers

Main features:

- Five drawers (588x367 mm) with ball bearing slides:
 - 2 drawers, 70 mm high
 - 2 drawers, 140 mm high
 - 1 drawer, 280 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
 - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

52 kg

800 kg



C24S/5-O

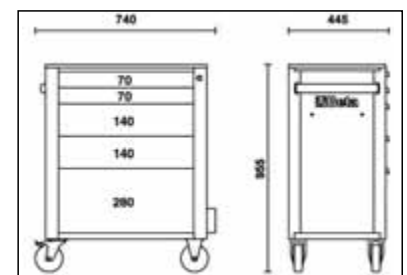
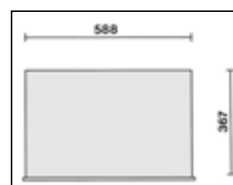
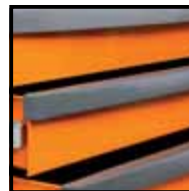


C24S/5-G



C24S/5-R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C24S/5-O	1	024002051
C24S/5-G	1	024002052
C24S/5-R	1	024002053

C24S/6

mobile roller cab with six drawers

Main features:

- Six drawers (588x367 mm) with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST.
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

800
kg



C24S/6-O

55 kg

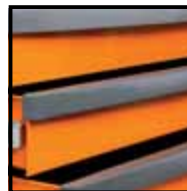


C24S/6-G

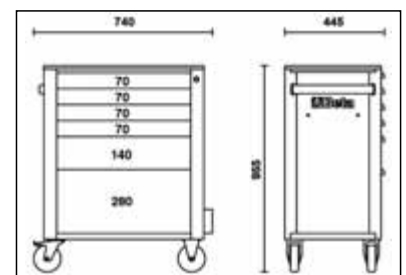
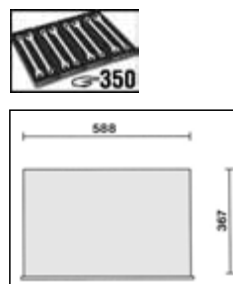


C24S/6-R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C24S/6-O	1	024002061
C24S/6-G	1	024002062
C24S/6-R	1	024002063



C24S/7

mobile roller cab with seven drawers

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
 - 5 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 210 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
 - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

800 kg



C24S/7-O

58 kg

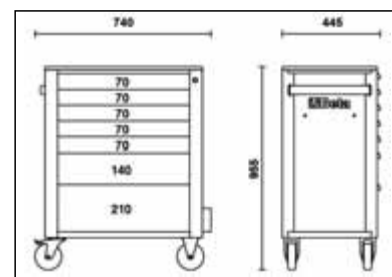
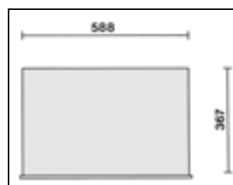


C24S/7-G



C24S/7-R

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C24S/7-O	1	024002071
C24S/7-G	1	024002072
C24S/7-R	1	024002073

C24S/8

mobile roller cab with eight drawers

Main features:

- Eight drawers (588x367 mm) with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST.
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

800
kg



C24S/8-O

61 kg

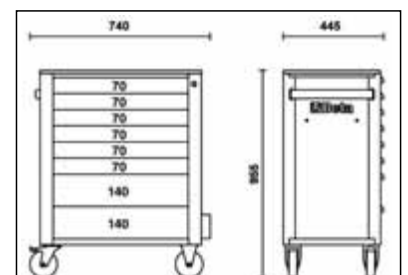
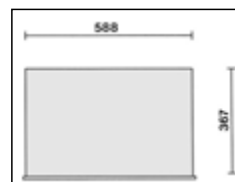
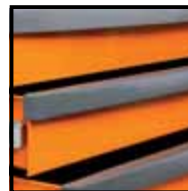


C24S/8-G



C24S/8-R

h	max
70 mm	25 kg
140 mm	30 kg



C24S/8-O	1	024002081
C24S/8-G	1	024002082
C24S/8-R	1	024002083

C24SA/6

mobile roller cab with six drawers,
with anti-tilt system

Main features:

- Six drawers (588x367 mm), with ball bearing slides:
 - 4 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 280 mm high.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
 - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

55 kg

800 kg



C24SA/6-O

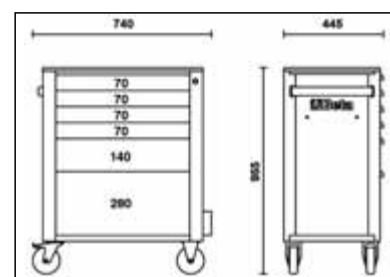
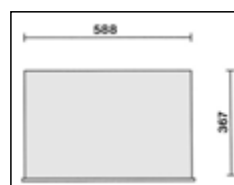


C24SA/6-G



C24SA/6-R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C24SA/6-O	1	024002161
C24SA/6-G	1	024002162
C24SA/6-R	1	024002163

C24SA/7

mobile roller cab with 7 drawers,
with anti-tilt system

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high
- Drawer bases protected by foamed rubber mats.
- Does not allow simultaneous opening of several drawers
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake)
- Front centralized safety lock
- Static load capacity: 800 kg
- Integrated side bottle holder

800
kg



C24SA/7-O



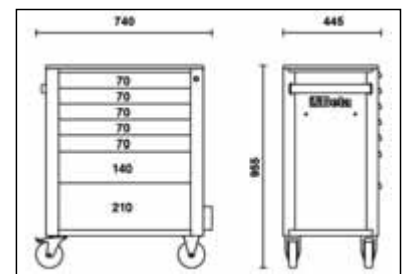
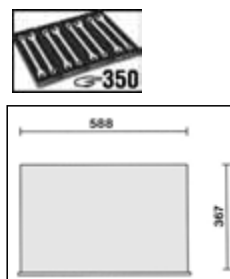
C24SA/7-G



C24SA/7-R

58 kg

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C24SA/7-O	1	024002171
C24SA/7-G	1	024002172
C24SA/7-R	1	024002173

C24SA/8

mobile roller cab with eight drawers,
with anti-tilt system

Main features:

- 8 drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST.
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

61 kg



C24SA/8-O

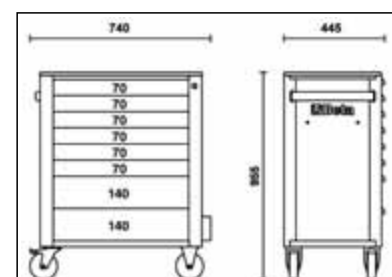
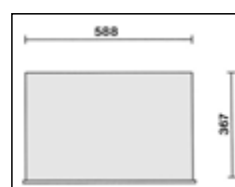


C24SA/8-G



C24SA/8-R

h	max
70 mm	25 kg
140 mm	30 kg



C24SA/8-O	1	024002181
C24SA/8-G	1	024002182
C24SA/8-R	1	024002183

C24SA-XL/7

mobile roller cab with 7 drawers,
with anti-tilt system,
long model

Main features:

- 7 drawers (882x367) mm, with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high
- Sturdy ABS worktop, with 6 tool trays.
- Sturdy nylon front, with integrated label holder.
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 1,000 kg.
- Integrated side bottle holder.

84 kg

1000
kg



C24SAXL/7-O

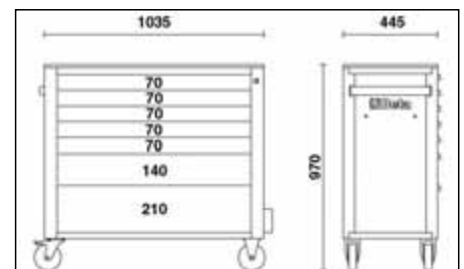
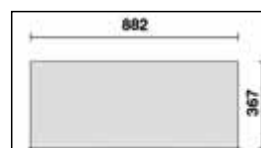


C24SAXL/7-G



C24SAXL/7-R

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



C24SAXL/7-O	1	024002271
C24SAXL/7-G	1	024002272
C24SAXL/7-R	1	024002273

C24SA-XL/8

mobile roller cab with eight drawers,
with anti-tilt system,
long model

Main features:

- 8 drawers (882x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high.
- Sturdy ABS worktop, with 6 tool trays.
- Sturdy nylon front, with integrated label holder.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 1,000 kg.
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

88 kg



C24SAXL/8-O

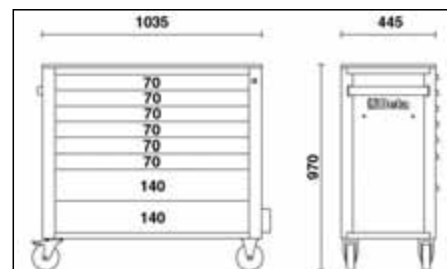
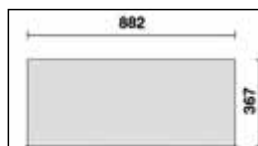


C24SAXL/8-G



C24SAXL/8-R

h	max
70 mm	30 kg
140 mm	35 kg



C24SAXL/8-O	1	024002281
C24SAXL/8-G	1	024002282
C24SAXL/8-R	1	024002283

C24SA-XL/9

mobile roller cab with nine drawers,
with anti-tilt system,
long model

Main features:

- 9 drawers (882x367 mm), with ball bearing slides:
- 8 drawers, 70 mm high
- 1 drawer, 140 mm high
- Sturdy ABS worktop, with 6 tote-trays.
- Sturdy nylon front, with built-in label holder.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 1,000 kg.
- Built-in side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

90 kg

1000
kg



C24SAXL/9-O

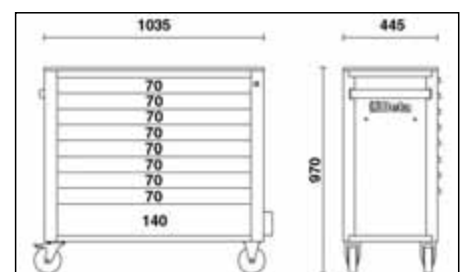
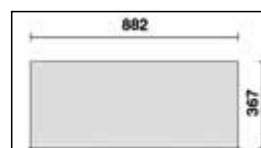


C24SAXL/9-G



C24SAXL/9-R

h	max
70 mm	30 kg
140 mm	35 kg



C24SAXL/9-O	1	024002331
C24SAXL/9-G	1	024002332
C24SAXL/9-R	1	024002333

2400S-R/PC

paper roll holder

- Matches roller cabs C24S

0,3 kg

2400SR/PC-O	1	024002951
2400SR/PC-G	1	024002952
2400SR/PC-R	1	024002953



- 2400S R/PC-O
- 2400S R/PC-G
- 2400S R/PC-R



2400S/PF

bottle holder

- Matches roller cabs C24S

0,5 kg

2400S/PF	1	024002906
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2499PF

bottle holder

- Can match roller cabs C38, C38A

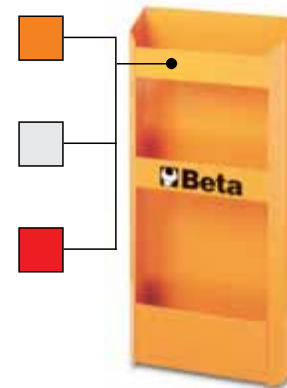
2,5 kg

2499PF-O	1	024990210
2499PF-G	1	024990219
2499PF-R	1	024990230

2499PF O

2499PF G

2499PF R



2499PF/M

universal magnetic bottle holder

2,2 kg

2499PF/M	1	024990050
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2499PC

paper roll holder

- Matches all Tank and roller cabs and C38, C38A.

2,2 kg

2499PC	1	024990090
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C24SL

mobile roller cab
with seven drawers
and side tops

Main features:

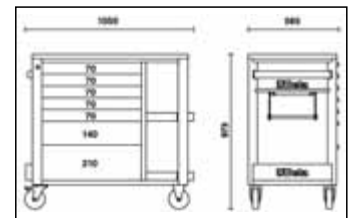
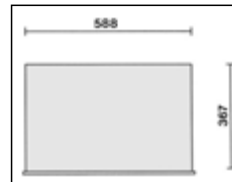
- Seven drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (two with brakes).
- Front centralized safety lock.
- Static load capacity: 1.100 kg.
- Multi-ply wood worktop with holes for a vice (1599F/100, to be ordered separately).
- Side compartment with vertically adjustable top.
- Integrated paper roll holder.
- Double rear bottle holder.



80 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C24SL-O	1	024002101
C24SL-G	1	024002102
C24SL-R	1	024002103

C25

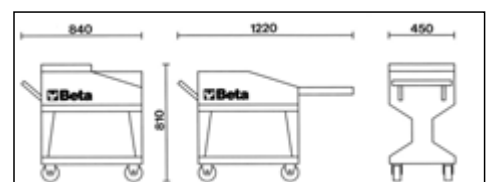
Tank trolley with shelf

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
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C24SL-CAB

mobile roller cab
with seven drawers
and tool cabinet

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
- 5 drawers 70 mm high
- 1 drawer 140 mm high
- 1 drawer 210 mm high.
- Drawer bases protected by foamed rubber mats.
- Four castors, Ø 125 mm:
- 2 fixed and 2 steering (two with brakes).
- Front centralized lock.
- Side tool cabinet with lockable door and vertically adjustable interior top.
- 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.

82 kg

1100 kg



C24SL-CAB/O

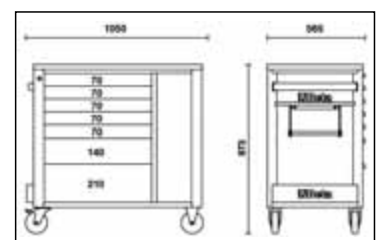


C24SL-CAB/G



C24SL-CAB/R

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



C24SL-CAB/O	1	024002191
C24SL-CAB/G	1	024002192
C24SL-CAB/R	1	024002193

C27S

folding tool trolley for outdoor jobs

Folding tool trolley. Its unique patented design guarantees an effortless transport.

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



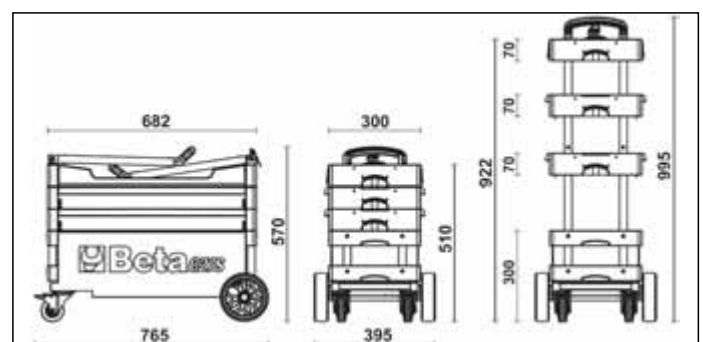
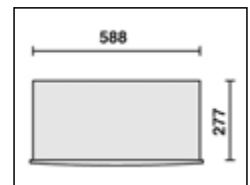
C27S-G



C27S-R



h	max
70 mm	20 kg



C27S-O	1	027000201
C27S-G	1	027000202
C27S-R	1	027000203

C28

SuperTank trolley with worktop and ten drawers

Main features:

- Ten drawers (588x367 mm) with ball bearing slides
- Quick, safe system for opening and closing drawers, with nylon and fibreglass front
- Five side drawers:
 - 4 drawers, 70 mm high
 - 1 drawer, 210 mm high
- Five front drawers:
 - 4 drawers, 70 mm high
 - 1 drawer, 210 mm high
- Drawer bases protected by foamed rubber mats
- Four high-capacity castors 150 mm in Ø:
 - 2 fixed and 2 steering (with brakes)
- 2 centralised safety locks
- Multiply wood worktop with holes for a vice (1599F/150, to be ordered separately)
- 4 bottle holders: 2 front and 2 rear
- 6 side tool trays
- Side compartment with foldaway door with lock
- 135-mm-high storage compartment with plastic-covered base
- Static load capacity: 1200 kg

1200
kg



C28-O

130 kg



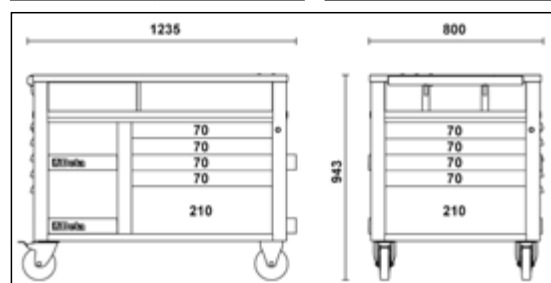
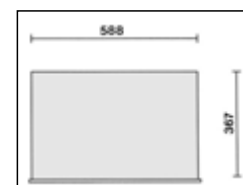
C28-G



C28-R



h	max
70 mm	25 kg
210 mm	30 kg



C28-O	1	028000301
C28-G	1	028000302
C28-R	1	028000303

C30S

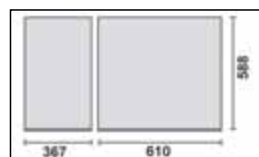
MaxiTank mobile workbench

Main features:

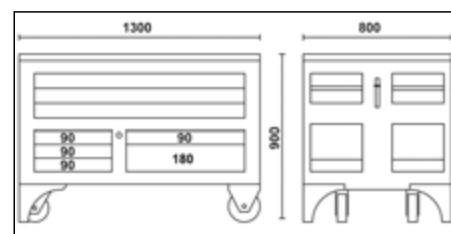
- 5 front drawers with ball bearing slides:
 - 3 drawers (367x588 mm), 90 mm high
 - 1 drawer (610x588 mm), 90 mm high
 - 1 drawer (610x588 mm), 180 mm high.
- Quick opening system with aluminium front.
- Drawer bases protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- One hydraulic jack, designed to lift front part easily.
- Four 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.
- Can accommodate vice item 1599F/150 (to be ordered separately).
- Storage compartment, 720x250x1300 mm, with PVC-coated worktop, and front sliding panels.
- Centralized lock for drawers and panels.
- Integrated side bottle holders.
- Integrated paper roll holder.
- Static load capacity: 1,800 kg.
- Can accommodate a multi-ply wood worktop (3000 S/PLM), to be ordered separately.
- Can accommodate vice item 1599F/150 (to be ordered separately).



200 kg



h	max
90 mm	30 kg
180 mm	35 kg



C30S

1 030000100

3000S/PLM

wood worktop for item C30S

10 kg



1240x740x26 mm

3000S/PLM

1 030000150

C33/6

mobile roller cab
with six drawers

Main features:

- Six drawers (588x367 mm) with ball bearing slides:
- Sturdy multi-purpose worktop.
- Tote-trays and holes for accommodating screwdrivers.
- Convenient "V" groove for working pipes and sections.
- Quick release system made of fibreglass-reinforced nylon, opening throughout length of drawer.
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 1000 kg.
- Built-in side bottle and paper holders, adjustable in several positions.

1000
kg



C33/6-O

69 kg

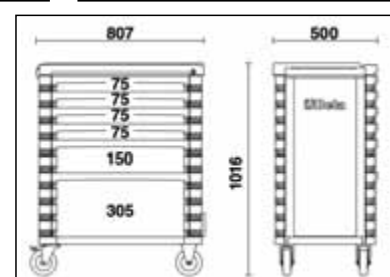
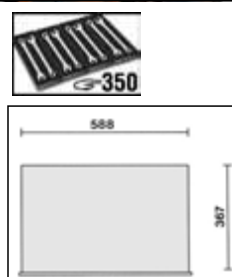


C33/6-G



C33/6-R

h	max
75 mm	30 kg
150 mm	35 kg
305 mm	40 kg



C33/6-O	1	033000261
C33/6-G	1	033000262
C33/6-R	1	033000263

C33/7

mobile roller cab
with seven drawers

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high.
- Sturdy multi-purpose worktop.
- Tote-trays and holes for accommodating screwdrivers.
- Convenient "V" groove for working pipes and sections.
- Quick release system made of fibreglass-reinforced nylon, opening throughout length of drawer.
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 1000 kg.
- Built-in side bottle and paper holders, adjustable in several positions.

1000
kg



C33/7-O

71 kg

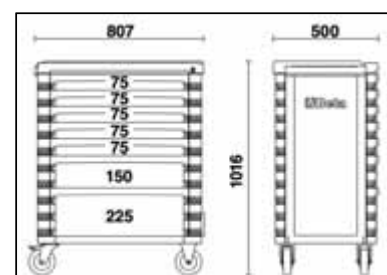
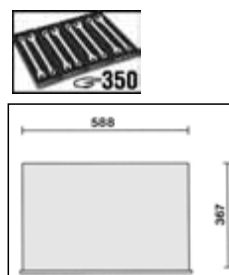


C33/7-G



C33/7-R

h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg



C33/7-O	1	033000271
C33/7-G	1	033000272
C33/7-R	1	033000273

C33/8

mobile roller cab
with eight drawers

Main features:

- Eight drawers (588x367 mm) with ball bearing slides:
- Sturdy multi-purpose worktop.
- Tote-trays and holes for accommodating screwdrivers.
- Convenient "V" groove for working pipes and sections.
- Quick release system made of fibreglass-reinforced nylon, opening throughout length of drawer.
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage.
- Drawer bases protected by foamed rubber mats.
- Four castors Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 1000 kg.
- Built-in side bottle and paper holders, adjustable in several positions.

73 kg

1000
kg



C33/8-O

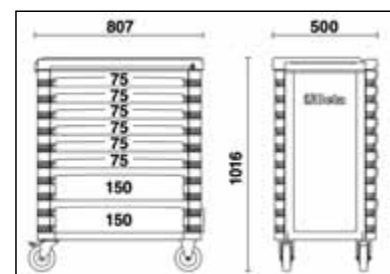
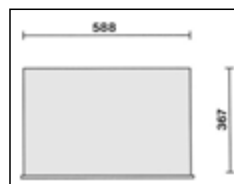


C33/8-G



C33/8-R

h	max
75 mm	30 kg



C33/8-O	1	033000281
C33/8-G	1	033000282
C33/8-R	1	033000283

C33PF

bottle holder

Matches roller cabs C33

0,9 kg



C33PF	1	033000906
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C35/6G

industrial tool chest with six drawers

Main features:

- Six 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, 300mm high
- Front centralized safety lock.
- Can accommodate an ABS worktop and drawer partitions, to be ordered separately.

73,5 kg



C35/6G

1 035000062

C35/7G

industrial tool chest with seven drawers

Main features:

- Seven 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 an ABS worktop and drawer partitions, to be ordered separately.

77 kg



C35/7G

1 035000072

C35/8G

industrial tool chest with eight drawers

Main features:

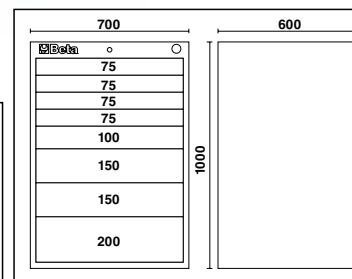
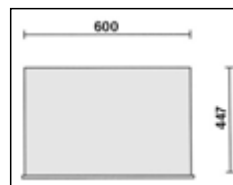
- Eight pull-out drawers (600x447 mm):
 - 4 drawers, 75 mm high
 - 1 drawer, 100 mm high
 - 2 drawers, 150 mm high
 - 1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate an ABS worktop and drawer partitions, to be ordered separately.

80,5 kg

1200 kg



h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



035000082

1 035000082

C35/9G

industrial tool chest with nine drawers

Main features:

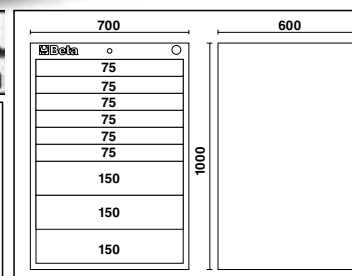
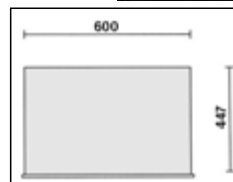
- Nine pull-out drawers (600x447 mm):
 - 5 drawers, 75 mm high
 - 1 drawer, 100 mm high
 - 3 drawers, 150 mm high
- Front centralized safety lock.
- Can accommodate an ABS worktop and drawer partitions, to be ordered separately.

84 kg

1200 kg



h	max
75 mm	70 kg
150 mm	70 kg



C35/9G

1 035000092

3500/P

Worktop with edge for tool chest C35

3500/P 700x600 mm 1 035000502



3500/D

adapters for drawer C35

Allow dimensions of drawer of tool chest C35 to be adapted, so that all standard foam trays can be used

3500/D 1 035000503



C38

mobile roller cab
with eleven drawers

Main features:

- Eleven drawers with ball bearing slides:
- 1 drawer 937x410x122 mm
- 3 drawers 570x410x74 mm
- 2 drawers 570x410x153 mm
- 3 drawers 313x410x74 mm
- 2 drawers 313x410x153 mm.
- Drawer bases protected by foamed rubber mats.
- Static load capacity: 1200 kg.
- 4 high-capacity castors: Ø 125 mm:
- 2 fixed and 2 steering (both with lever brake).
- Front centralized lock.
- Sheet metal worktop covered by a rubber mat.
- Can be fitted with paper roll holder item 2499PC and bottle holder item 2499PF.

114 kg

1200
kg



C38-O



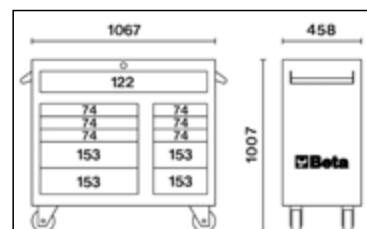
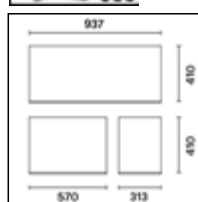
C38-G



C38-R

h	max
74 mm	25 kg
153 mm	30 kg

C38-O 1 038000001
C38-G 1 038000003
C38-R 1 038000002



C38L

side cab
with seven drawers

Main features:

- Seven drawers (410x313 mm) with ball bearing slides:
- 5 drawers, 74 mm high
- 2 drawers, 153 mm high
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Antislip aluminium worktop.
- Can be placed on both sides of roller cab C38 and C38A.

45 kg

C38L-O	1	038000081
C38L-G	1	038000083
C38L-R	1	038000082



C38L-O

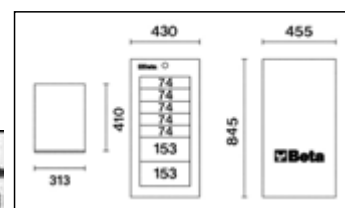


C38L-G



C38L-R

h	max
74 mm	25 kg
153 mm	30 kg



C38L A

side door
with interior shelf

Main features:

- Front lock.
- Vertically adjustable interior shelf.
- Inside door document pocket.
- Antislip aluminium worktop.
- Can be placed on both sides of roller cab C38.

18 kg

C38LA O	1	038000071
C38LA G	1	038000073
C38LA R	1	038000072



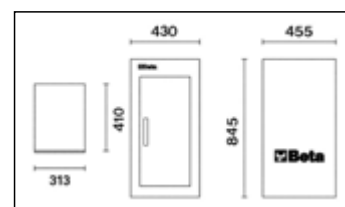
C38LA-O



C38LA-G



C38LA-R



C38T

cab
with eight drawers and top chest

Main features:

- Eight drawers with ball bearing slides:
- 3 drawers 570x410x74 mm
- 1 drawer 570x410x153 mm
- 3 drawers 313x410x74 mm
- 1 drawer 313x410x153 mm.
- Tool compartment.
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Antislip aluminium worktop.
- Can be placed on roller cab C38 and C38A.

64 kg

C38T-O	1	038000091
C38T-G	1	038000093
C38T-R	1	038000092



C38T-O

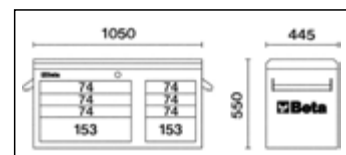


C38T-G



C38T-R

h	max
74 mm	25 kg
153 mm	30 kg



C38C

mobile roller cab
with thirty three drawers,
comprising:

- 1 mobile roller cab C38
- 2 side cabs C38L
- 1 cab C38T with top chest

📦 268 kg



C38C-O



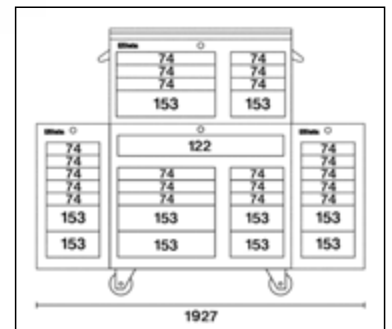
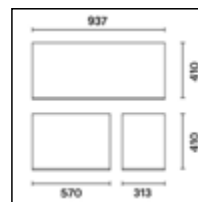
h	max
74 mm	25 kg
153 mm	30 kg



C38C-G



C38C-R



C38C-O	1	038000201
C38C-G	1	038000203
C38C-R	1	038000202

Beta

C39/6

mobile roller cab with six drawers

Main features:

- Six drawers (588x367 mm) with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Opening system throughout length of drawer.
- Static load capacity: 1200 kg.
- Thermoplastic worktop.
- Integrated side and rear bottle holders.
- Integrated paper roll holder.
- Uprights and drawer front made of aluminium.

59 kg

1200 kg



C39-6/O

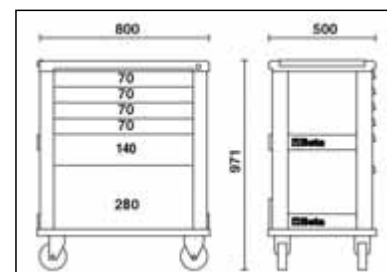
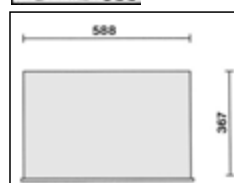


C39-6/G



C39-6/R

h	max
70 mm	30 kg
140 mm	35 kg
280 mm	40 kg



C39-6/O	1	039000031
C39-6/G	1	039000032
C39-6/R	1	039000033

C39/7

roller cab
with seven drawers

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (1 with brake).
- Front centralized safety lock.
- Opening system throughout length of drawer.
- Static load capacity: 1000 kg.
- Thermoplastic worktop.
- Integrated side and rear bottle holders.
- Integrated paper roll holder.
- Uprights and drawer front made of aluminium.

61 kg

1200 kg



C39-7/O

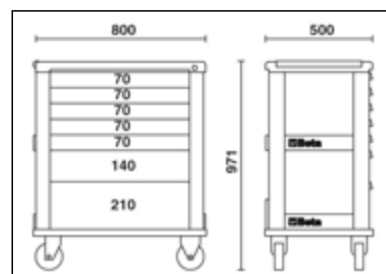
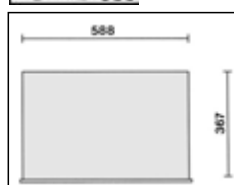


C39-7/G



C39-7/R

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



C39-7/O	1	039000001
C39-7/G	1	039000002
C39-7/R	1	039000003

C39/8

mobile roller cab with eight drawers

Main features:

- Eight drawers (588x367 mm) with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Opening system throughout length of drawer.
- Static load capacity: 1200 kg.
- Thermoplastic worktop.
- Integrated side and rear bottle holders.
- Integrated paper roll holder.
- Uprights and drawer front made of aluminium.

64 kg

1200 kg



C39-8/O

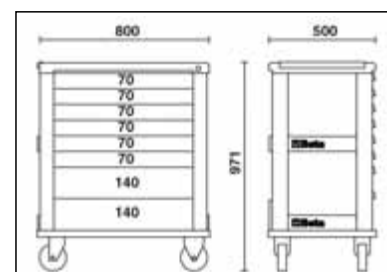
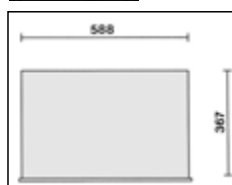


C39-8/G



C39-8/R

h	max
70 mm	30 kg



C39-8/O	1	039000041
C39-8/G	1	039000042
C39-8/R	1	039000043

C39T

portable tool chest
with four drawers

Main features:

- Four drawers (588x367 mm) with ball bearing slides:
- 4 drawers, 70 mm high
- Front centralized safety lock.
- Uprights and drawer front made of aluminium.

29 kg



C39T-O



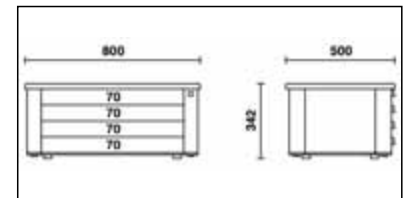
C39T-G



C39T-R



h	max
70 mm	30 kg



C39T-O	1	039000101
C39T-G	1	039000102
C39T-R	1	039000103

Beta

C39SM

special mobile roller cab, Racing SM type

Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

7-drawer module

588x367 mm, with ball bearing slides:

6 drawers, 70 mm high

1 drawer, 240 mm high

- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

Service module

- Integrated wastepaper basket
- Paper roll compartment
- 1 large drawer (420x305x270 mm)

**1200
kg**



C39SM-O

125 kg



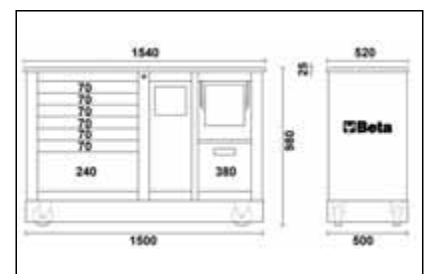
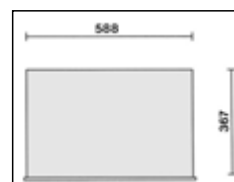
C39SM-R



C39SM-G



h	max
70 mm	30 kg
240 mm	40 kg



C39SM-O	1	039390001
C39SM-G	1	039390002
C39SM-R	1	039390003

C39MD

special mobile roller cab, Racing MD type

Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

7-drawer module

588x367 mm, with ball bearing slides:

- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

2-drawer module

588x367x270 mm and 588x367x380 mm, with ball bearing slides

- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Opening system throughout length of drawers
- Drawer front made of aluminium



1200 kg



C39MD-O



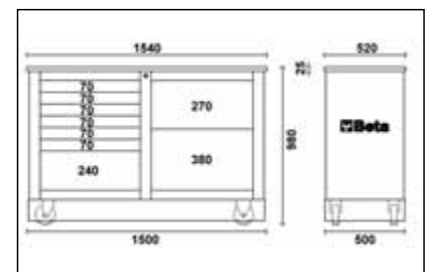
C39MD-R



C39MD-G



h	max
70 mm	30 kg
240 mm	40 kg



C39MD-O	1	039390101
C39MD-G	1	039390102
C39MD-R	1	039390103

C41S

two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
 - 1 upper tool box,
 - 1 module with 2 drawers, 95 mm and 295 mm high respectively.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock
- for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

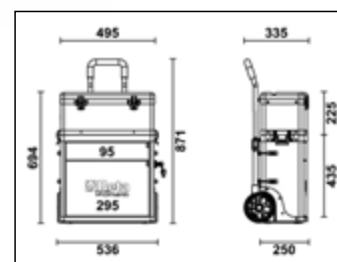
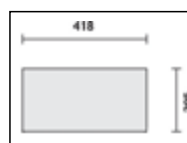
Recommended assortments: 5940/SBK and 5915VU/5



16 kg

C41S

1 041000001



C41H

two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
 - 1 upper tool box,
 - 1 module with 2 drawers 95 mm in height,
 - 1 pull-out case made of plastic, 66 mm high, and 1 drawer 295 mm in height.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5940/SBK and 5915VU/5

* Colours available on request



C41H-O



21 kg

C41H-O	RAL 2011	1	041000002
C41H-N	RAL 9005	1	041000005
C41H-B	RAL 5002	1	041000006
C41H-R	RAL 3000	1	041000008
C41H-G	RAL 7016	1	041000010
C41H-Y	RAL 1023	1	041000012
C41H-W	RAL 9016	1	041000021
C41H-V	RAL 6016	1	041000024



C41H-W

C41H-Y

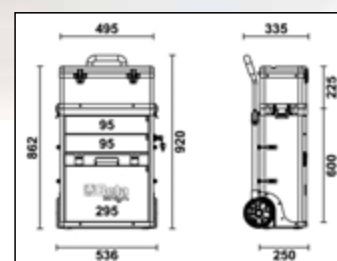
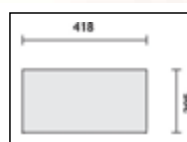
C41H-R

C41H-V

C41H-B

C41H-G

C41H-N



C42S

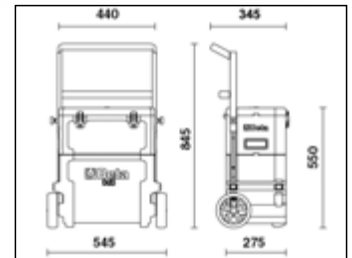
two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
 - 1 upper tool box, 220 mm high
 - 1 lower tool module with castors, 330 mm high.
- Oversized castors (ø 160 mm).
- Telescopic handle, can be adjusted in 3 positions
- Quick module release system: easy, quick access to all compartment tools.
- Upper tool box with interior object compartment and 3 tool trays built into cover.

Recommended assortments: 5940/SBK and 5915VU/5

11,5 kg



C42S

1 042000001

C42H

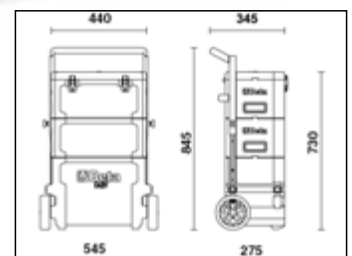
three-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 3 detachable modules:
 - 1 upper tool box, 220 mm high
 - 1 central tool module, 180 mm high.
 - 1 lower tool module with castors, 330 mm high.
- Oversized castors (ø 160 mm).
- Telescopic handle, can be adjusted in 3 positions
- Quick module release system: easy, quick access to all tool compartments.
- Upper tool box with interior object compartment and 3 tool trays built into cover.
- Can be used with 2 modules.

Recommended assortments: 5940/SBK and 5915VU/5

14 kg



C42H

1 042000002

C41MS

upper module
with built-in small tool holder

3 kg

C41MS	RAL 2011	1	041000904
C41MS/N	RAL 9005	1	041000922
C41MS/B	RAL 5002	1	041000932
C41MS/R	RAL 3000	1	041000942
C41MS/G	RAL 7016	1	041000952
C41MS/Y	RAL 1023	1	041000962
C41MS/W	RAL 6016	1	041000972
C41MS/V	RAL 9016	1	041000982



495x250x225 mm

C41H/CE

tool chest
with removable partitions for small tools,
made from plastic material

1,3 kg

C41H/CE		1	041000916
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C42 MCH

additional central module for tool trolley item C42

2,5 kg

C42MCH		1	042000105
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440x180x275 mm



Beta

CX49-G

multi-purpose trolley

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

SPECIFICATIONS

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 2 central shelves with adjustable position and 1 fixed low shelf
- 4 useful side cable reels made of plastic - 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 125 mm (one with brake)
- Weight: 36 kg

📦 36 kg



CX49

1 049000102

CA49-G

multi-purpose trolley with door

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

SPECIFICATIONS

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 1 shelf with adjustable position, 1 fixed shelf and door
- 4 useful side cable reels made of plastic
- 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 125 mm (one with frame)
- Weight: 36.5 kg

📦 36,5 kg



CA49 G

1 049000112

C51

trolley

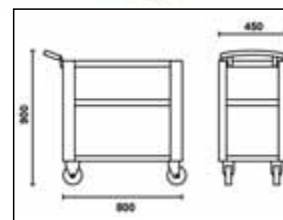
- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm:
2 fixed and 2 steering (1 with brake)
- Static load capacity: 200 kg (distributed between 3 shelves)

21 kg

200 kg



- C51-O
- C51-G
- C51-R



C51 O	1	051000001
C51 G	1	051000002
C51 R	1	051000003

CP51

high-grade trolley

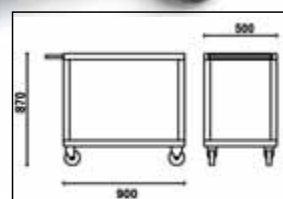
- 2 tops covered with rubber mats
- Ergonomic handle
- Four high-grade castors Ø 125 mm:
2 fixed and 2 steering (one with brake).
- Static load capacity: 750 kg (shared by 2 tops)

37 kg

750 kg



- CP51-O
- CP51-G
- CP51-R



CP51 O	1	051000501
CP51 G	1	051000502
CP51 R	1	051000503

CB52

gearbox/transmission trolley
with liquid recovery system

Inclined plane and drain holes
allow liquids to be recovered in collection tank

Fitted with:

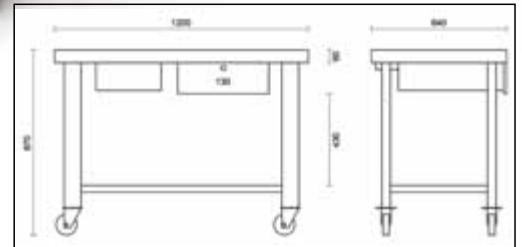
- 4 swivel castors, including 2 with brakes
- tool drawer
- pull-out liquid collection tank; capacity: 7 l
- 2 shelves

Dimensions: 1200x640x870 mm



Weight: 60 kg

 60 kg


400
kg



CB52

 1  052000201

C53

CargoEvolution tool cabinets

These tool cabinets are designed according to detailed research and offer accurate, comfortable and rational solutions for end users.

Two perforated panels attached to the doors may be opened giving access to additional storage space.

Main features:

- 1 drawer, with slides.
- Easy tool layout according to users' needs.
- Easy wall mounting by means of two slots located at the back of the cabinet .
- Safety lock for both drawers and doors.
- Empty thermoformed tray for 1/2" sockets and accessories
- Models VI and VG have different toolholder assortments.

 41 kg



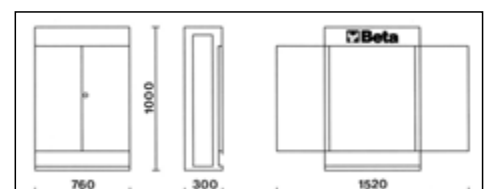
C53






5300



433



C53	1		053000001
C53 VI	1		053000090
C53 VG	1		053000095

C54

NewCargo cabinets

Same features as item C53.

- Empty thermoformed tray for 1/2" sockets and accessories.
- Single-sided doors.
- Models VI and VG have different toolholder assortments.

33 kg



5400 O



C54 O

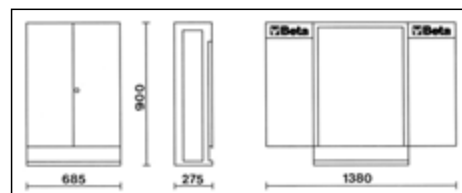


C54 G



C54 R

C54 O	1	054000001
C54VI-O	1	054000090
C54VG-O	1	054000095
C54 G	1	054000002
C54VI-G	1	054000092
C54VG-G	1	054000097
C54 R	1	054000003
C54VI-R	1	054000093
C54VG-R	1	054000098



Beta

C57SA

MasterCargo workbench

- Model with tool storage board (C57P) and one drawer cabinet.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

1800 kg



C57SA O

205 kg



C57SA G



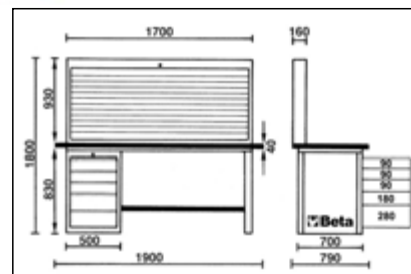
C57SA R



5700SA O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57SA-O	1	057001005
C57SA-G	1	057001205
C57SA-R	1	057001405

C57SD

MasterCargo workbench

- Model with one drawer cabinet

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

1800 kg



C57SD O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57SD G



C57SD R

158 kg

C57SD-O	1	057001004
C57SD-G	1	057001204
C57SD-R	1	057001404

C57SB

MasterCargo workbench

- Model with tool storage board (C57P) and two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.

Can accommodate thermoformed trays
Centralized lock.

Panel tool holder with holes on back for wall mounting.

Vertically operated aluminium shutter, with lock.

Three removable perforated panels for supporting tools.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

1800 kg



C57S B O



C57S B G



C57S B R



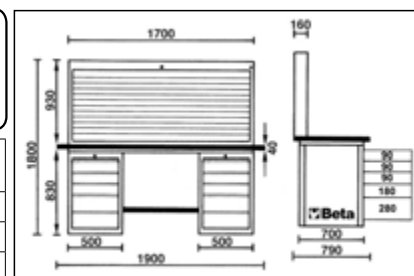
5700S B O

243 kg

C57S/B-O	1	057001006
C57S/B-G	1	057001206
C57S/B-R	1	057001406



h	max
	30 kg
	40 kg
	40 kg



C57SC

MasterCargo workbench

- Model with two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.

Can accommodate thermoformed trays.
Centralized lock.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

1800 kg



C57S D O



h	max
	30 kg
	40 kg
	40 kg

196 kg

C57S/C-O	1	057001003
C57S/C-G	1	057001203
C57S/C-R	1	057001403



C57S D G



C57S D R

C57SP

panel tool holder

Panel tool holder with two holes on back for wall mounting. Aluminium shutter, vertically adjustable, with lock. Three removable perforated panels for tool holding.

46 kg



C57SP O

1700 mm

930 mm



C57SP G



5700SP O/U



433



C57SP R

C57SP-O	1	057001020
C57SP-G	1	057001220
C57SP-R	1	057001420

5700LAMP

MasterCargo workbench lamp

- Sturdy sheet metal frame comprising four elements; provided with screws for assembling the lamp.
- Lamp holder with fluorescent tube, 36W.
- Power supply 230V.
- Provided without wire.

9 kg



5700LAMP + 5700SA O

5700 LAMP	1	057000005
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C58P

panel toolholder

- Security locked shutter.

31 kg



C58P G



5800UP/O



C58P R



C58P-O	1	058000121
C58P-G	1	058000122
C58P-R	1	058000123

PV

wall tool panel



	LxA mm	 kg		
PV1	1000x920	10,2	1	088880010
PV1,5	1500x920	14,2	1	088880015

C56W

workbench with wood top

- Multi-ply wood worktop (30 mm thick)
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.

86 kg



C56W-O	1	056000251
C56W-G	1	056000252
C56W-R	1	056000253

C56

workbench

- Worktop made of painted sheet metal with external edge
- Steel frame with 6 supporting legs
- Static load capacity: 1200 kg
- Matches panel toolholder C57P; cannot be fixed to worktop
- Two drawers with lock
- Can be fixed to floor

82 kg



C56-O	1	056000201
C56-G	1	056000202
C56-R	1	056000203

C56M

workbench

- Worktop made from both slip-proof aluminium sheet and rubber mat.
- Load capacity: kg.800.
- Can match panel toolholder C57P.
- Three drawers with lock.
- Can be fixed to the floor.

95 kg



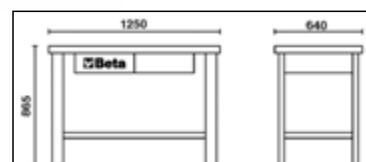
C56M O	1	056000050
C56M G	1	056000053
C56M R	1	056000054

C58M

workbench

- Metal worktop fully covered with a removable antislip rubber mat.
- Lower shelf made from solid wood.
- Static load capacity: 800 kg.
- Can match panel tool holder C58P; cannot be fixed to the worktop.
- 2 drawers with locks.
- Can be fixed to the floor.
- Aluminium worktop item C58M/PA available on request.

800 kg



65 kg

C58M-O	1	058000300
C58M-G	1	058000302
C58M-R	1	058000303

C58M/PA

knurled aluminium worktop for workbench item C58M

4,5 kg



C58M/PA	1	058000350
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C59A

"Endurance" workbench with 1 cab with six drawers

Main features:

- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
 - 4 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Hard-wearing nylon drawer front.
- Roller cabs can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400S-R/PC) and bottle holder (2400S/PF), to be ordered separately.



C59A O



115 kg



C59A G

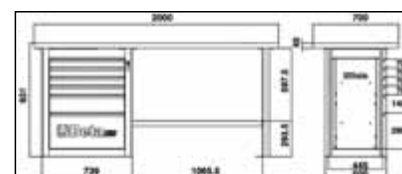
1500 kg



C59A R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59A-O	1	059000001
C59A-G	1	059000021
C59A-R	1	059000041

C59B

"Endurance" workbench with 2 cabs with six drawers

Main features:

- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 12 drawers (588x367 mm) with ball bearing slides:
 - 8 drawers, 70 mm high
 - 2 drawers, 140 mm high
 - 2 drawers, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400S-R/PC) and bottle holder (2400S/PF), to be ordered separately.



C59B O



C59B G



C59B R

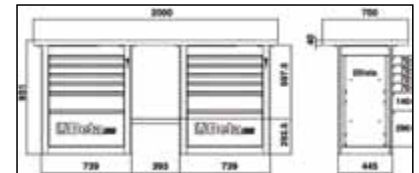


1500 kg

155 kg

Model	Qty	Code
C59B-O	1	059000002
C59B-G	1	059000022
C59B-R	1	059000042

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59C

"Endurance" workbench with 1 cab with six drawers, short model

Main features:

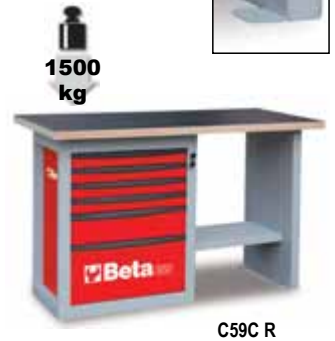
- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
 - 4 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roller holder (2400S-R/PC) and bottle holder (2400S/PF), to be ordered separately.



C59C O



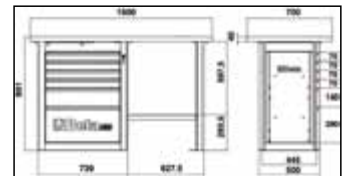
C59C G



C59C R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



105 kg

C59C-O	1	059000003
C59C-G	1	059000023
C59C-R	1	059000043

WORKSHOP EQUIPMENT



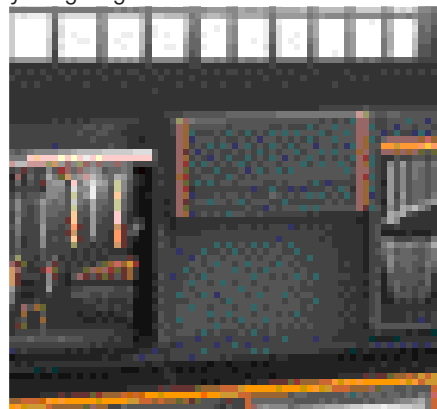
Design

Refined, captivating finishes for a tidy, attractive workstation



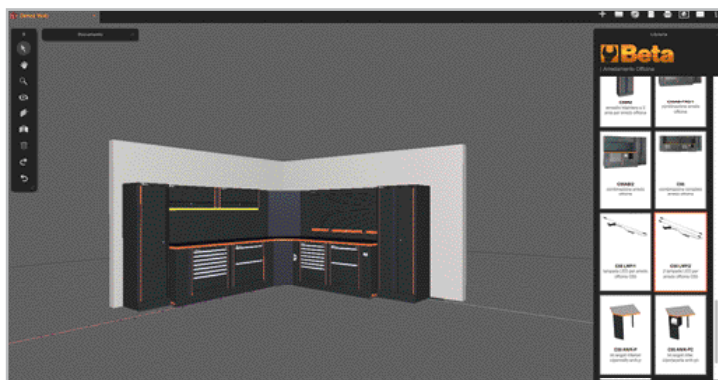
Quality

Beta's best Italian-made quality to furnish your garage



Organization

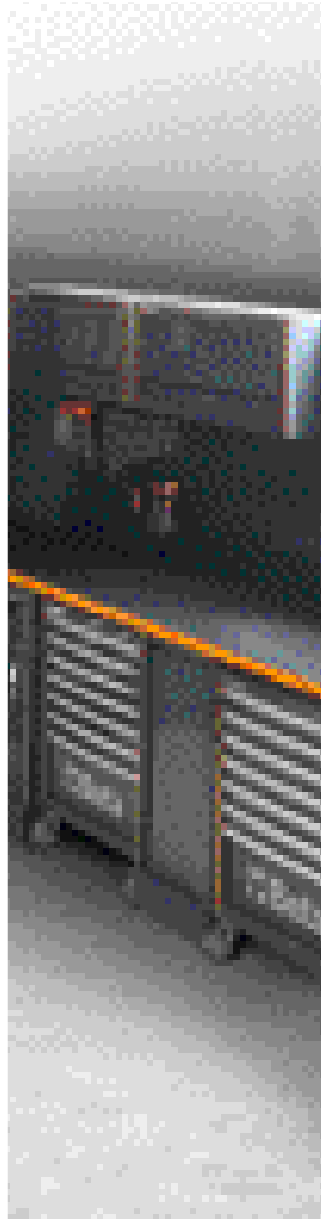
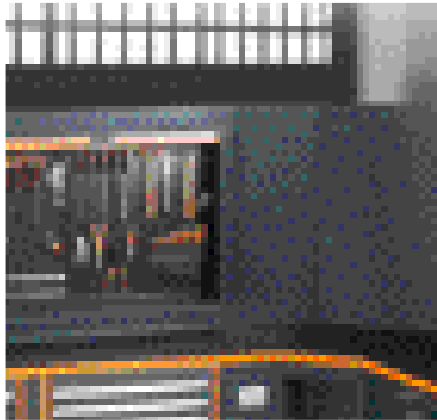
A sensibly organized workstation, synonymous with optimized work



Configure your workshop online
Go to **www.beta-tools.com/RSC55en**

Modularity

Modular garage fitting your spaces and requirements



 **Beta**
R S C 5 5

To answer the requirements of a market where the emphasis is increasingly on quality, design and customization, Beta Utensili has developed “Racing System C55”, modular garage furniture shaped on your needs, while allowing you to create a modern work environment.



Your colours for your workshop!



RSC55 allows you to order the benches and tool wall system with shutter in a neutral (grey) version and customize the vertical coloured inserts by choosing from 7 different adhesive tapes.

- 1. Order your modules in a neutral colour**
- 2. Order the vertical insert**
Choose the colour to your taste or according to your company's colours



Comprehensive combination comprising:

- Single-door tool cabinet (C55A1)
- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Workbench with sockets (C55PRO BO/2)
- Mobile roller cab with 7 drawers (C55C7)
- Fixed module with 2 storage drawers (C55M2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)
- Tool panel with shutter (C55PS-O)

C55AB

workshop equipment combination

Combination comprising:

- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)

407 kg



C55AB

1 055000020



C55PB/3

workshop equipment combination

Combination comprising:

- Workbench (C55BO/2)
- Fixed module with 8 drawers (C55M8)
- Fixed module with 2 storage drawers (C55M2)
- Wall tool system with shutter (C55PS-O)

334 kg



C55PB/3

1 055000035



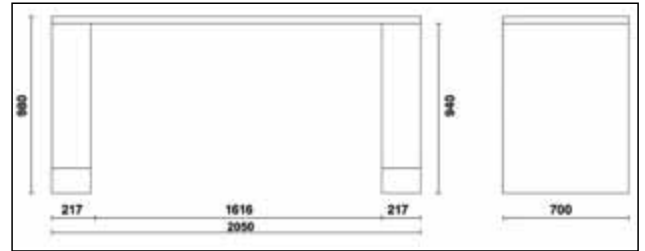
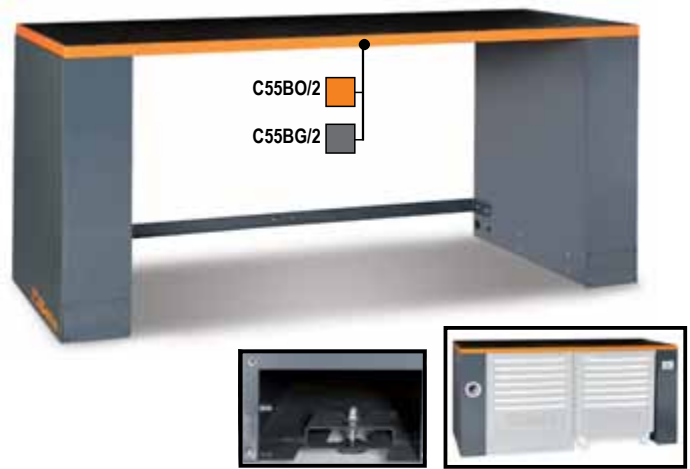
C55B/2

2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

100 kg



C55BO/2	1	055000101
C55BG/2	1	055000111

C55PRO B/2

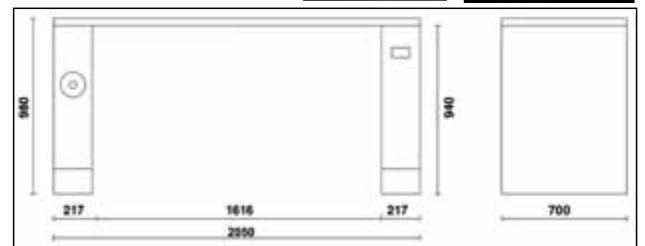
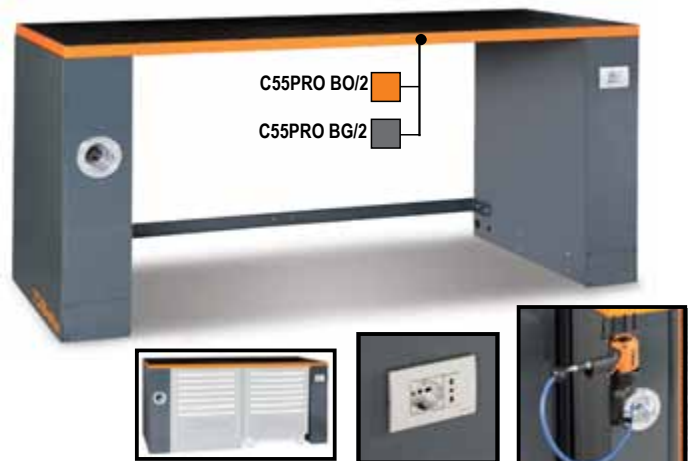
2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and roller:

- Schuko socket+16+10A
- EU Plug 16+10A
- Compressed air outlet and roller, Ø 8 mm. Length: 10 mm
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

105 kg



C55PRO BO/2	1	055000151
C55PRO BG/2	1	055000171

Beta

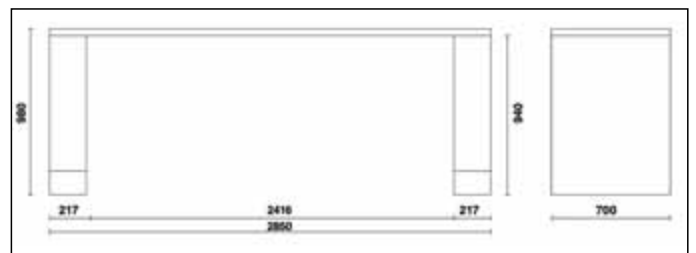
C55B/2,8

2.8-m-long workbench, for workshop equipment combination

Worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

122 kg



C55BO/2,8	1	055000261
C55BG/2,8	1	055000281

C55PRO B/2,8

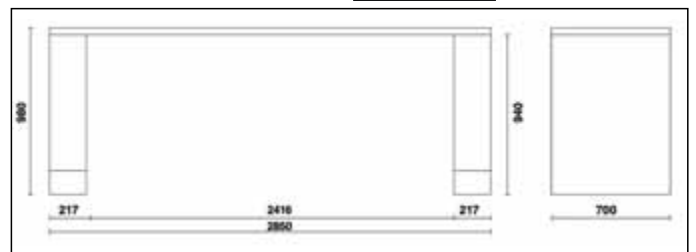
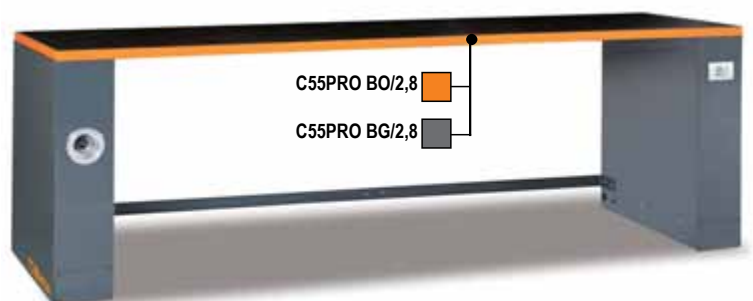
2.8-m-long workbench, for workshop equipment combination

Worktop (2850x700) covered with a shockproof, non-scratch PVC-coat, resistant to hydrocarbons

Built-in sockets and roller:

- Schuko socket+16+10A
- Plug 16+10A
- Compressed air outlet and roller Ø 8 mm. Length: 10 m
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

127 kg



C55PRO BO/2,8	1	055000271
C55PRO BG/2,8	1	055000283

Beta

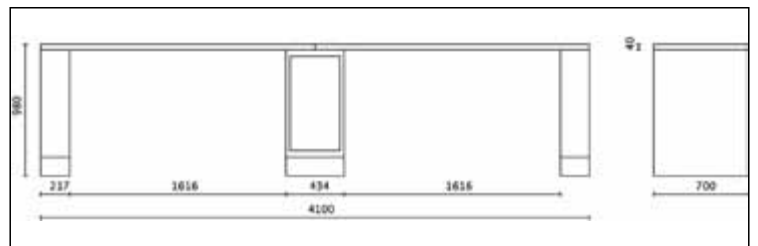
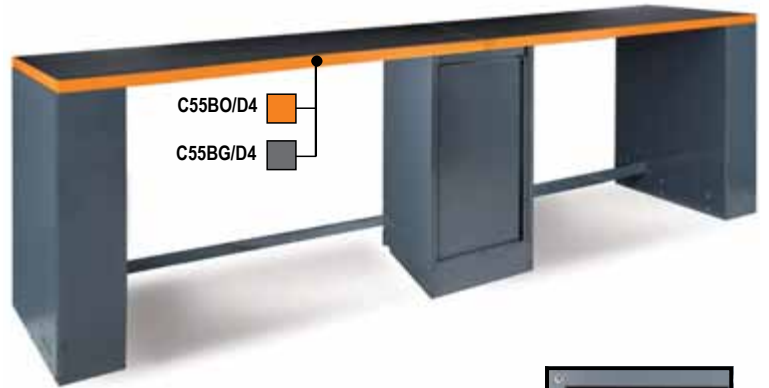
C55B-D4

double 4-m-long workbench with central leg

Worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice 1599F/150 (to be ordered separately)
- Vertically adjustable feet
- Double central leg with compartment and slide-away door, 350x750 mm

185 kg



C55BO-D4	1	055000109
C55BG-D4	1	055000119

C55PRO B-D4

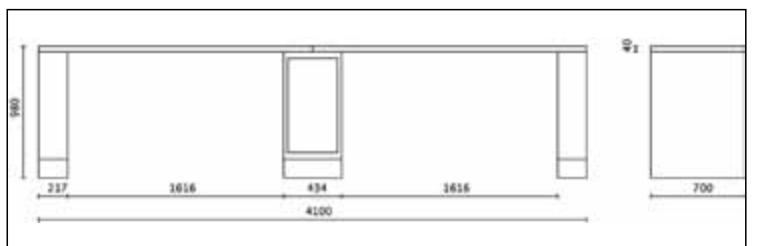
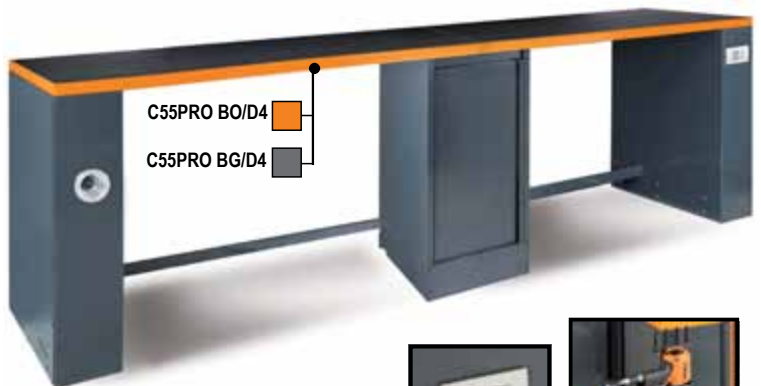
double 4-m-long workbench with central leg

With worktop (4100x700) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and reel:

- Schuko socket+16+10A
- EU Plug 16+10A
- Compressed air outlet with reel Ø 8 mm. Length: 10 m
- Holes for a vice 1599F/150 (to be ordered separately)
- Vertically adjustable feet
- Double central leg with compartment and slide-away door, 350x700 mm

190 kg



C55PRO-BO-D4	1	055000159
C55PRO-BG-D4	1	055000179

C55B PT/2

2-m-long worktop, for workshop equipment workbench

Painted sheet metal worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

With rear crossbar for fixing modules

Holes for a vice (1599F/150, to be ordered separately)

43 kg



C55B PT/2	1	055000106
C55BG PT/2	1	055000116

C55B PT/2,8

2.8-m-long worktop, for workshop equipment workbench

Painted sheet metal worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
With rear crossbar for fixing modules
Holes for a vice (1599F/150, to be ordered separately)



61 kg

C55BO PT/2,8	1	055000266
C55BG PT/2,8	1	055000286

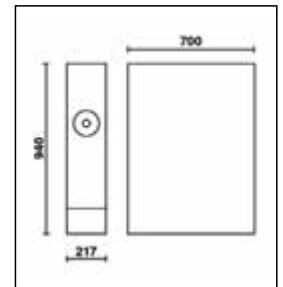
C55B/GD

plain right leg for workshop equipment workbench

With vertically adjustable feet

28 kg

C55B/GD	1	055000104
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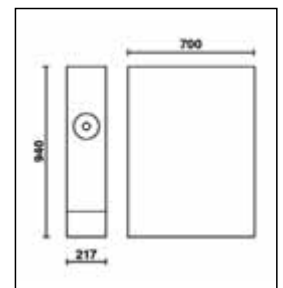
C55B/GS

plain left leg for workshop equipment workbench

With vertically adjustable feet

28 kg

C55B/GS	1	055000105
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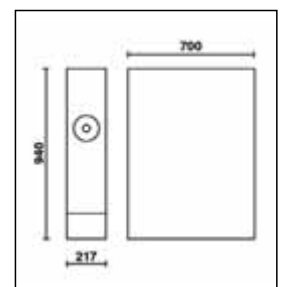
C55B/GDE

right leg with power sockets for workshop equipment workbench

With Schuko socket + 16+10A and EU Plug 16+10A
With vertically adjustable feet

28 kg

C55B/GDE	1	055000154
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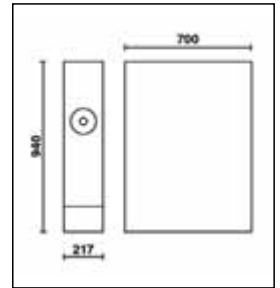
C55B/GSE

left leg with power sockets for workshop equipment workbench

With Schuko socket +16+10A and EU Plug 16+10A
With vertically adjustable feet

28 kg

C55B/GSE 1 055000165



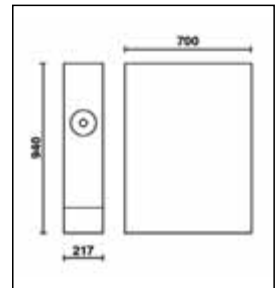
C55B/GDAA

right leg with built-in roller for workshop equipment workbench

Built-in roller, Ø 8 mm. Length: 10 m
With vertically adjustable feet

33 kg

C55B/GDAA 1 055000166



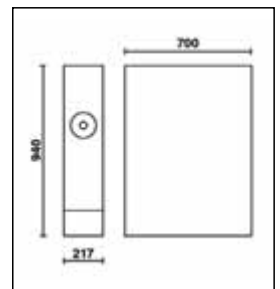
C55B/GSAA

left leg with built-in roller for workshop equipment workbench

Built-in roller, Ø 8 mm.
Length: 10 m
With vertically adjustable feet

33 kg

C55B/GSAA 1 055000156



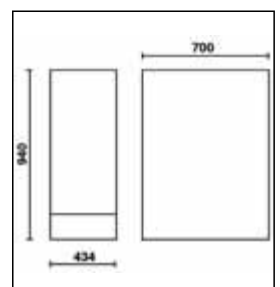
C55B/GDS

double leg for adjoining workshop equipment workbenches

Compartment with slide-away door, 365x750 mm
With vertically adjustable feet

37 kg

C55B/GDS 1 055000291



C55C7

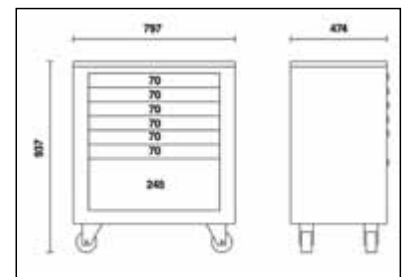
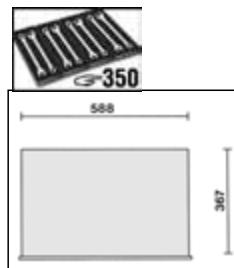
mobile roller cab with seven drawers, for workshop equipment combination

- 7 drawers (588x367 mm), with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

📦 79 kg



h	↓ max
70 mm	30 kg
245 mm	40 kg



C55C7

📦 1 055000201

C55C8

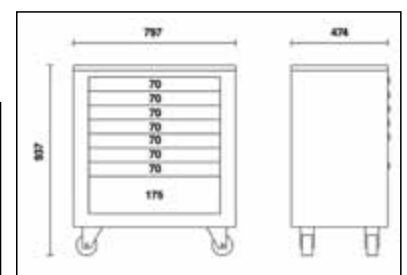
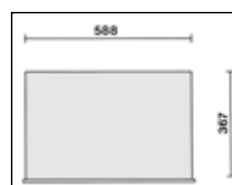
roller cab module with eight drawers, for workshop equipment combination

- 8 castors (588x367 mm) with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

📦 81 kg



h	↓ max
70 mm	30 kg
175 mm	40 kg



C55C8

📦 1 055000206

C55M7

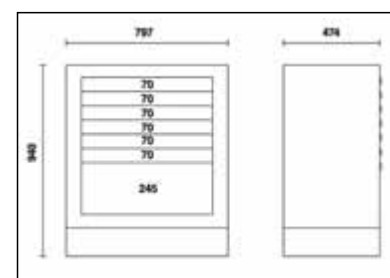
fixed module with seven drawers, for workshop equipment combination

- 7 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

📦 78 kg



h	max
70 mm	30 kg
245 mm	40 kg



C55M7



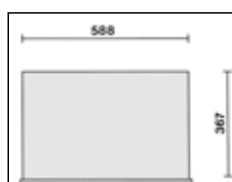
055000203

C55M8

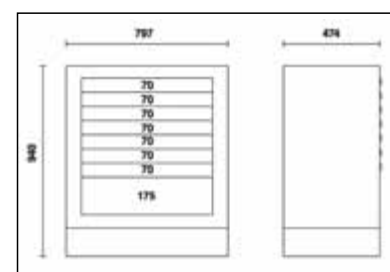
fixed module with 8 drawers for workshop equipment combination

- 8 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

📦 78,9 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55M8



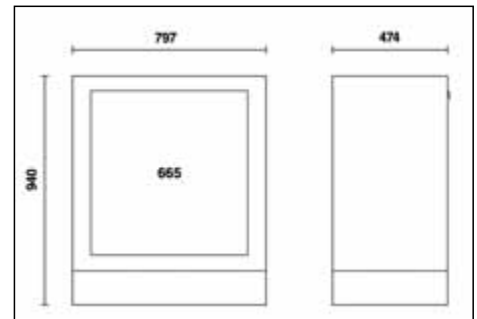
055000207

C55CS

fixed sorted waste collection module for workshop equipment combination

- Pull-out waste compartment (588x465) with ball bearing slides
- 2 capacious pull-out interior containers for sorting waste

61,4 kg



C55SC

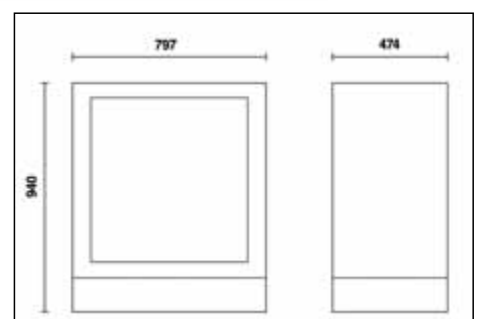
1 055000208

C55MDO

fixed oil distribution module for workshop equipment combination

- 2 reels with 7m - 1/2" hose included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
- max. flow rate: 35 l/min
- viscosity: 8÷5000 mPas

94 kg



C55MDO

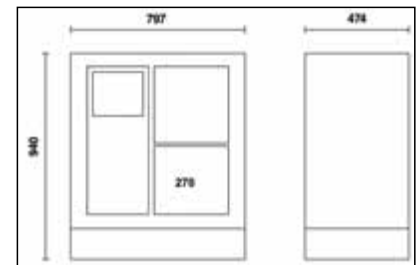
1 055000210

C55MS

fixed service module, for workshop equipment combination

- Built-in waste bin
- Perforated paper roll compartment
- Storage drawer, 305x270 mm

75 kg



C55 MS

1

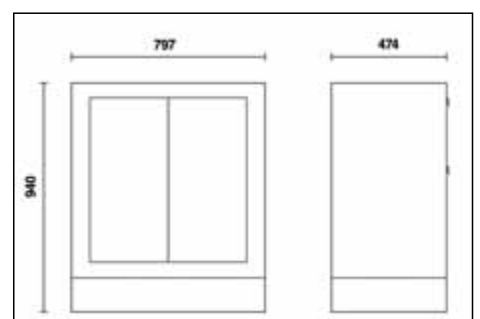
055000204

C55MA

fixed two-door module, for workshop equipment combination

- Push Pull opening
- With lock
- Interior shelf, vertically adjustable

75 kg



C55 MA

1

055000205

C55M2

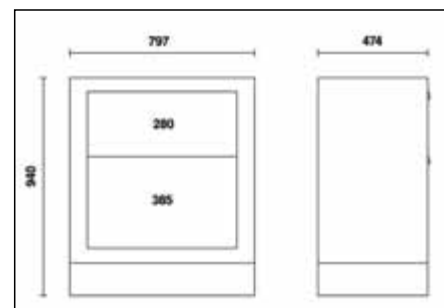
fixed module with 2 drawers, for workshop equipment combination

- 2 drawers (588x367mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

📦 66 kg



h	max
280 mm	40 kg
385 mm	40 kg



C55 M2

1 055000202

C55PS

tool wall system with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- 50-hook GPS kit included
- Matches 2-m-long workbench

📦 88 kg



C55PS-O

C55PS-G



C55PS-O
C55PS-G

1 055000250
1 055000255

C55/2PM

tool wall system with 2 suspended cabinets, for workshop equipment combination

- 2 suspended cabinets, 1024x400x300 mm, fitted with gas springs, making it easier to open and close doors.
- Wall panel, 2050x620 mm; can accommodate perforated tool panels C55/2PF (to be ordered separately)
- Supplied with framework
- Matches 2-m-long workbench

80 kg



C55 2PM

1 055000301

C552/PF

2 perforated tool panels, for workshop equipment combination

- 2 perforated tool panels, 1024x600 mm
- Matches item C55/2PM

12 kg



C55 2PF

1 055000310

C55PP

tool wall system with shutter and suspended cabinet, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Tool cabinet fitted with gas springs, making it easier to open and close doors
- Wall panel can accommodate perforated tool panels C55/1PF (to be ordered separately)
- Supplied with framework to match 2.8-m-long workbenches

157 kg

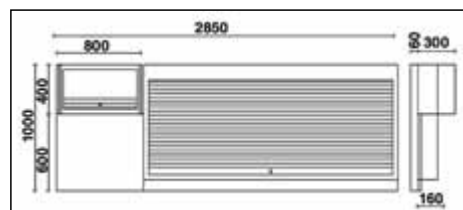


C55PP-O

C55PP-G

C55PP-O
C55PP-G

1 055000350
1 055000355



C55/1PF

perforated tool panel, for workshop equipment combination

- Perforated tool panel (800x600 mm)
- Matches framework C55PP

5 kg



C55/1PF

1 055000309

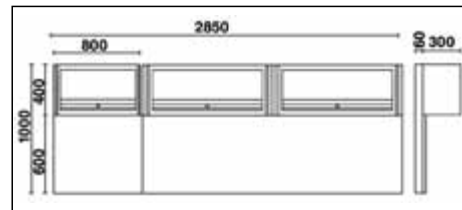
C55/3PM

tool wall system with 3 suspended cabinets, for workshop equipment combination

3 suspended cabinets fitted with gas springs, making it easier to open and close doors

- Wall panel can accommodate perforated tool panels C55/3PF (to be ordered separately)
- Supplied with framework to match workbenches

132 kg



C55/3PM

1 055000300

C55/3PF

3 perforated tool panels, for workshop equipment combination

- 2 perforated tool panels (1024x600 mm) and 1 panel 800x600 mm
- Matches framework C55/3PM

17 kg



C55/3PF

1 055000308



Beta

C55AN

interior angle for workshop equipment combination

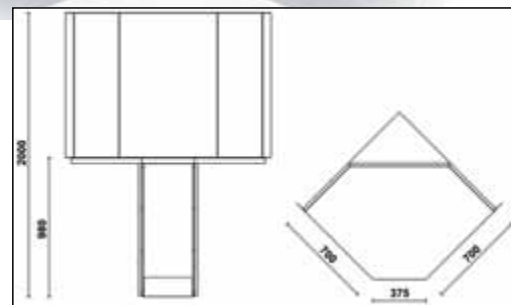
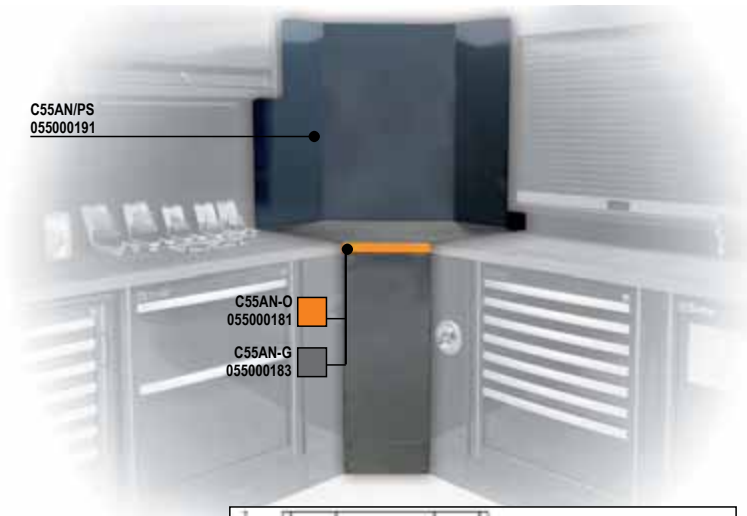
34,9 kg

C55AN/PS
055000191

C55AN-O
055000181

C55AN-G
055000183

C55AN-O	1	055000181
C55AN-G	1	055000183
C55AN/PS	1	055000191



C55AN-PC

interior angle for workshop equipment combination, with paper roll compartment

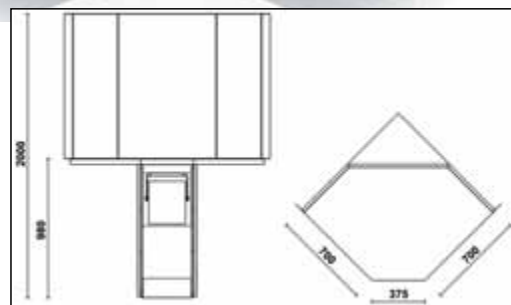
39,6 kg

C55AN/PS
055000191

C55AN-O/PC
055000182

C55AN-G/PC
055000184

C55AN-O/PC	1	055000182
C55AN-G/PC	1	055000184
C55AN/PS	1	055000191



The logo for Beta, featuring a stylized orange and white icon to the left of the word "Beta" in a bold, orange, sans-serif font.

C55A1

sheet metal single-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x42x42 cm

50 kg



C55A1



1 055000411

C55A1/R42

interior shelf for tool cabinet C55A1

2,4 kg

C55A1/R42

mm
400x400

C55A1
2018 →



1 055000461

Beta

C55A2

sheet metal two-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x70x42 cm

📦 72 kg



C55A2 1 055000412

C55A2/R70

interior shelf for tool cabinet C55A2

📦 3,5 kg

C55A2/R70 700x400 mm C55A2 2018 → 1 055000462

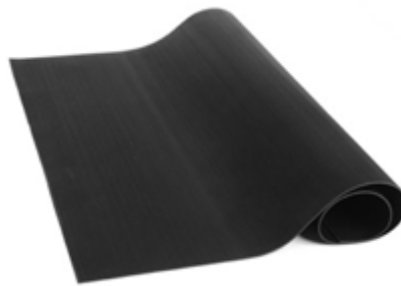
C55RB

scratch-proof PVC coat resistant to hydrocarbons

Worktop protection.

C55RB/2: for 2-m-long workbench C55RB/2.8: for 2.8-m-long workbench

C55RB/AN: for interior angle



C55RB/2 1 055000195
C55RB/2,8 1 055000196
C55RB/AN 1 055000197

 **Beta**

C55LMP/1

LED lamp for workshop equipment combination

- Length: 1 m
- Easy to fix under wall cabinet through a pair of magnets
- ON/OFF switch
- Built-in cable and transformer, 25 W
- 1300 lumens

1,2 kg



C55LMP/1

1 055000320

C55LMP/2

2 LED lamps for workshop equipment combination C55

- length: 2 1-m-long lamps, connected to each other
- Easy to fix under cabinet through a pair of magnets
- ON/OFF switch
- Built-in cable and transformer, 25 W
- 1300 lumens

2 kg



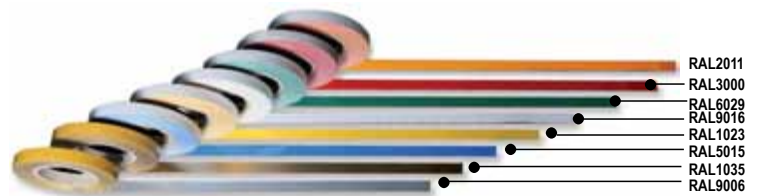
C55LMP/2

1 055000322

C55STR

adhesive tape 25 m

allows to tailor the vertical tapes of garage furniture item C55



C55STR-O/2011		1	055000901
C55STR-R/3000		1	055000903
C55STR-V/6029		1	055000906
C55STR-W/9016		1	055000907
C55STR-Y/1023		1	055000905
C55STR-B/5015		1	055000904
C55STR-GO/1035		1	055000909
C55STR-S/9006		1	055000902



Beta

TOOL ASSORTMENTS FOR STORAGE UNITS




ATTENTION!

Many of the assortments on the next few pages have undergone the following changes:




- introduction of new tools
- rationalisation of tools.

Therefore, we recommend you thoroughly examine assortments and take a look at the features of the reference item.

FOR INDUSTRIAL MAINTENANCE




Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5902VI	107	1	059020050	loose tools	C22S - C23S - C23ST - C25 - C27S	352
5904VI/1T	98	1	059040161	foam trays	C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers C23ST - C39T - C24SL - C24SL/CAB - C59 - C55	353
5904VI/2T	153	1	059040164	foam trays	C24S - C24SA - C33 - C39 with 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	354
5904VI/3T	142	1	059040168	foam trays	C24S - C24S/A - C33 - C39 with 8 drawers C24SA-XL	355
5908VI/2T	232	1	059080105	foam trays	C28 - C24SA-XL	356
5910VI/3	297	1	059100054	loose tools	C30S	357
5910VI/3T	261	1	059100063	foam trays + loose tools	C30S	358
5935VI/1MB	94	1	059350311	soft modules	C35	359
5935VI/2MB	133	1	059350315	soft modules	C35	360
5953VI	137	1	059530075	loose tools	C53VI	361

FOR UNIVERSAL MAINTENANCE




Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5904VU/1M	91	1	059040201	soft modules	C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers C23ST - C39T - C24SL - C24SL/CAB - C59 - C55	364
5904VU/2M	152	1	059040202	soft modules	C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	365
5904VU/2T	104	1	059040520	foam trays	C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	366
5904VU/3T	146	1	059040203	soft modules	C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	367
5914VU/M	109	1	059140109	soft modules	C14	368
5915VU/0	35	1	059150121	loose tools	C4 - C5 - C6T	369
5915VU/1	45	1	059150124	loose tools	C9 - C10 - C10S - C11 - CP15 - CP15L - C16 - CP17 CP17L - C18	370
5915VU/2	49	1	059150127	loose tools	C7 - CP15 - C20 - C20L	371
5915VU/3	74	1	059150128	loose tools	C7 - C9 - C10 - C10S - C11 - CP15L - C16 - CP17 - CP17L - C19 - C19L - C20 - C20L	372
5915VU/4	80	1	059150145	loose tools	C20 - C20L	373
5915VU/5	111	1	059150156	loose tools	C12	374
5915VU/AS	68	1	059150132	loose tools	C10 - C20 - C20L	375
5927VU/M	108	1	059270021	soft modules	C22S - C27S	376
5935VU/1MB	154	1	059350301	soft modules	C35	377
5938U/2T	210	1	059380062	foam trays	C38	378
5941VU-M	64	1	059410001	soft modules	C41	405
5957U-P	133	1	059570040	loose tools with supports	C57SA - C57SB - C57SP - C55PP	379
5958U	85	1	059580028	loose tools with supports	C58P	380

FOR ELECTRONIC, ELECTROTECHNICAL AND PLUMBING MAINTENANCE




electrotechnical

Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5935ET/1MB	95	1	059350331	soft modules	C35	384
5980ET/A	70	1	059800262	loose tools	C12 - 2032TV	385
5980ET/B	64	1	059800263	loose tools	C12 - 2029/VV - 2033P/VV - 2036TV	386

electronic

Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5980MQ	46	1	059800257	loose tools	2029/VV	387
5980EL/A	57	1	059800241	loose tools	2032TV - 2033P/VV	388
5980EL/B	98	1	059800242	loose tools	2029/VV - 2033P/VV - 2036TV	389

plumbing

Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5980ID	35	1	059800321	loose tools	2009N/BV	390

FOR CAR REPAIR, EARTH MOVING MACHINERY




earth moving

Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5902MT	106	1	059020043	loose tools	C22S - C23S - C23SC - C39T	391

car repair

Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5904VG/1M	76	1	059040197	soft modules	C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers C23ST - C39T - C24SL - C24SL/CAB - C59 - C55	393
5904VG/2M	170	1	059040198	soft modules	C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	394
5904VG/2T	99	1	059040191	foam trays	C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers C23ST - C39T - C24SL - C24SL/CAB - C59 - C55	395
5904VG/3	132	1	059040192	loose tools	C24S - C24SA - C33 - C39 with 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	396
5904VG/3T	102	1	059040510	foam trays	C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	397
5904VG/5T	153	1	059040196	foam trays	C24S - C24SA - C33 - C39 with 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55	398
5905VG/1	94	1	059050158	loose tools	C25	399
5905VG/2	118	1	059050144	loose tools	C25	400
5908VG/2T	212	1	059080117	foam trays + loose tools	C28	401
5910VG/3T	202	1	059100068	foam trays + loose tools	C30S	402
5935VG/1MB	98	1	059350321	soft modules	C35	403
5941KART	41	1	059410011	loose tools	C9 - C10 - C10S - C11 - CP15 - CP15PL - C16 - CP17 CP17L - C18	406
5953VG	147	1	059530085	loose tools	C53VG	407
5954VG	138	1	059540085	loose tools	C54VG	408
5957VG	174	1	059570070	loose tools with supports	C57S A - C57S B - C57SP - C55PSP	409

FOR MOTORCYCLE REPAIRS

Beta n.	N° of pieces			Arrangement	Assortment recommended in combination with	
5940SBK	125	1	059400082	loose tools	C41S - C41H - C42S - C42H	404
5980U/BIKE	90	1	059800040	loose tools	C16 - CP17 - CP17L - C20L	381



Industrial maintenance



19.5 kg

Quantity/Description

6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	Beta N.	31
1	centre punch Ø 3 mm		32
1	flat chisels, ribbed type 200 mm		35
26	combination wrenches 6÷32 mm		42/S26
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm		55/S12
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	
1	adjustable wrench 300 mm		111
13	1/2" square drive hexagon sockets with rail ○ 10÷22 mm	920A/SB13	
1	1/2" drive extension bar 125 mm		920/21
1	1/2" drive extension bar 255 mm		920/22
1	1/2" drive universal joint		920/25
1	1/2" drive sliding T-handle		920/42
1	1/2" drive reversible ratchet Ⓢ		920/55
1	Slip joint pliers boxed joints 250 mm		1048
1	self - locking pliers 240 mm		1052
1	heavy duty diagonal cutting nippers ⚡ 160 mm		1084BM
1	compound leverage shears, straight blades 250 mm		1122
1	electrician's scissors, straight blades		1128BMX

Quantity/Description

1	half-round needle nose pliers = 180 mm	Beta N.	1150BM
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm		1166BM
8	screwdrivers for cross head Phillips® screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm		1260
4	screwdrivers for cross head Phillips® screws Ⓢ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm		1262
1	engineer's hammer 500 g		1370
1	dead blow hammer Ø 40 mm		1392
1	engineer's scribe		1688A
1	measuring tape 5 m		1692
1	metric feeler gauge		1708/20
5	Set of 5 second-cut files, with handles 200 mm		1719BMA/S5
1	hacksaw frame, aluminium handle		1726BM
1	metal oil can 300 cc		1751
1	snap - off blade utility knife		1771BM
1	magnetic, articulated lamp with high-brightness LEDs		1837N

5902VI

059020050

Assortment recommended in combination with C22S - C23S - C23ST - C25 - C27S

5904VI/1T

Assortment of 98 tools

Industrial maintenance



14.5 kg

Quantity/Description	Beta N.	TR	Quantity/Description	Beta N.	TR
19 1/2" square drive hexagon sockets \odot 10-24 - 26 - 27 - 30 - 32 mm	920A	T80	1 circlip pliers straight, external \bullet 175 mm	1036	T145
5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm	920ME	T80	1 circlip pliers bent, external \bullet 175 mm	1038	T145
1 1/2" drive extension bar 125 mm	920/21	T80	5 second cut files 200 mm	1719BMA8/S5	T236
1 1/2" drive extension bar 255 mm	920/22	T80	2 flat chisels, ribbed type 100 - 200 mm	35	T234
1 1/2" drive universal joint	920/25	T80	1 engineer's hammer 300 g	1370	T234
1 1/2" drive sliding T-handle	920/42	T80	1 soft face hammer \varnothing 35 mm	1390	T234
1 1/2" drive reversible ratchet \oplus	920/55	T80	8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	T33
21 combination wrenches 6-21 mm	42	T15	9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	T33
5 combination wrenches 22-24-27-30-32 mm	42	T16	4 screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260	T208
1 Slip joint pliers boxed joints 250 mm	1048	T153	3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm	1262	T208
1 self - locking pliers 240 mm	1052	T153	6 T-handle wrenches with hexagon male ends \odot 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
1 heavy duty diagonal cutting nippers \ddagger 160 mm	1084BM	T131			
1 half-round needle nose pliers \equiv 180 mm	1150BM	T131			
1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM	T131			
1 circlip pliers straight, internal \odot 180 mm	1032	T145			
1 circlip pliers bent, internal \odot 170 mm	1034	T145			

5904 VI/1T

059040161

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers
C23ST - C39T - C24SL - C24SL/CAB - C59 - C55

Industrial maintenance



T15 T16 T31



T40 T83 T91



T167 T168



T153 T132 T145 T68



T236 T234 T281 T289

22 kg

Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches
 ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 double ended offset ring wrenches 6+29 mm
- 19 1/2" square drive hexagon sockets
 ○ 10+24 - 26 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 13 1/4" hexagon sockets ○ 4+14 mm
- 6 1/4" socket drivers for hexagon screws ○ 2,5+8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet Ⓢ
- 9 screwdrivers for cross head Phillips® screws
 ● 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm

Beta N. TR

- 42 T15
- 42 T16
- 31 T31
- 32 T31
- 55 T31
- 96N/SC9 T31
- 90 T40
- 920A T83
- 920/21 T83
- 920/22 T83
- 920/25 T83
- 920/42 T83
- 920/55 T83
- 900 T91
- 900ME T91
- 900/20 T91
- 900/21 T91
- 900/25 T91
- 900BG/30 T91
- 900/42 T91
- 900/55 T91
- 1260N T167
- 1262 T168

Quantity/Description

- 2 screwdrivers for cross head Phillips® screws, extra - short series ● PH1x30 - PH2x30 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers < 160 mm
- 1 screwdrivers for slotted head screws ● 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 6 T-handle wrenches with hexagon male ends
 ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 5 second cut files 200 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 riveting pliers
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 measuring tape
- 1 mini hacksaw frame
- 1 plastic oil bottle
- 1 snap - off blade utility knife

Beta N. TR

- 1262N T168
- 1048 T153
- 1052 T153
- 1084 T132
- 1166 T132
- 1150 T132
- 1032 T145
- 1034 T145
- 1036 T145
- 1038 T145
- 951 T68
- 1719BMA8/S5 T236
- 35 T234
- 1370 T234
- 1390 T234
- 1741B T281
- 1741RV...K T281
- 1741RV...K T281
- 1741RV...K T281
- 1741RV...K T281
- 1741RV...K T281
- 1692 T289
- 1725CR T289
- 1755 T289
- 1771 T289

5904VI/3T

assortment of 142 tools in thermoformed tray

Industrial maintenance



26.5 kg

Quantity/Description	Beta N.	TR	Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	T15	1 Slip joint pliers boxed joints 250 mm	1048	T153
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16	1 self - locking pliers 240 mm	1052	T153
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31	1 circlip pliers straight, internal ⌀ 180 mm	1032	T145
1 centre punch Ø 4 mm	32	T31	1 circlip pliers bent, internal ⌀ 170 mm	1034	T145
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31	1 circlip pliers straight, external ● 175 mm	1036	T145
9 offset hexagon key wrenches ⌀ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31	1 circlip pliers bent, external ● 175 mm	1038	T145
9 screwdrivers for cross head Phillips® screws ● 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	T167	1 circlip pliers straight, internal ⌀ 140 mm	1032	T146
2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm	1260N	T167	1 circlip pliers bent, internal ⌀ 225 mm	1034	T146
6 screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	T202	1 circlip pliers straight, external ● 140 mm	1036	T146
7 drivers for Torx® head screws Ⓞ T6-T7-T8-T9-T10-T15-T20	1267TX	T205	1 circlip pliers bent, external ● 225 mm	1038	T146
5 1/2" drive, socket drivers for hexagon screws ⌀ 5 - 6 - 8 - 10 - 12 mm	920ME	T80	1 engineer's hammer 400 g	1370	T231
1 1/2" drive extension bar 125 mm	920/21	T80	1 soft face hammer Ø 35 mm	1390	T231
1 1/2" drive extension bar 255 mm	920/22	T80	1 second cut files 200 mm	1719BMA8/T	T231
1 1/2" drive universal joint	920/25	T80	1 second cut files 200 mm	1719BMA8/P	T231
1 1/2" drive sliding T-handle	920/42	T80	1 second cut files 200 mm	1719BMA8/M	T231
1 1/2" drive reversible ratchet Ⓞ	920/55	T80	1 digital vernier	1651DGT	T297
19 1/2" square drive hexagon sockets ⌀ 10+24 - 26 - 27 - 30 - 32 mm	920A	T80	1 flexible graduated rule 300 mm	1682	T297
8 double ended bi-hex tubular socket wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	930	T73	1 measuring tape 5 m	1691BM	T297
1 tommy bars for tubular wrenches	940/1	T73	empty thermoformed tray	VP6	T297
1 tommy bars for tubular wrenches	940/2	T73	1 riveting pliers 250 mm	1741B	T281
6 T-handle wrenches with hexagon male ends ⌀ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68	100 aluminium rivets 2,9x6 mm	1741RV...K	T281
1 half-round needle nose pliers = 180 mm	1150BM	T131	100 aluminium rivets 3,2x8 mm	1741RV...K	T281
1 extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM	T131	100 aluminium rivets 3,8x10 mm	1741RV...K	T281
1 heavy duty diagonal cutting nippers ⚡ 160 mm	1084BM	T131	100 aluminium rivets 4x12 mm	1741RV...K	T281
			100 aluminium rivets 4,8x12 mm	1741RV...K	T281
			1 tin snips 250 mm	1112	T285
			1 electrician's scissors, straight blades	1128BM	T285
			1 hacksaw frame, aluminium handle	1726	T285
			(5) blades for hacksaw	1728BM	T285
			1 plastic oil can 200 cc	1753	T285
			empty thermoformed tray	VP6	VP6

5904VI/3T

059040168

Assortment recommended in combination with C24S - C24S/A - C33 - C39 with 8 drawers C24SA-XL

Industrial maintenance



24,5 kg

Quantity/Description

Beta N. TR

Quantity/Description

Beta N. TR

5	1/2" drive, socket drivers for hexagon screws O 5 - 6 - 8 - 10 - 12 mm	920ME	T80	100	aluminium rivets 4x12 mm	1741RV...K	T281
1	1/2" drive extension bar 255 mm	920/21	T80	100	aluminium rivets 4,8x12 mm	1741RV...K	T281
1	1/2" drive extension bar 255 mm	920/22	T80	1	Slip joint pliers boxed joints 250 mm	1048	T153
1	1/2" drive universal joint	920/25	T80	1	self - locking pliers 240 mm	1052	T153
1	1/2" drive sliding T-handle	920/42	T80	5	second cut files 200 mm	1719BMA8/S	T236
1	1/2" drive reversible ratchet	920/55	T80	1	circlip pliers straight, internal O 180 mm	1032	T145
19	1/2" square drive hexagon sockets O 10+24 - 26 - 27 - 30 - 32 mm	920A	T80	1	circlip pliers bent, internal O 170 mm	1034	T145
16	combination wrenches 6+21 mm	42	T15	1	circlip pliers straight, external O 175 mm	1036	T145
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16	1	circlip pliers bent, external O 175 mm	1038	T145
13	1/4" hexagon sockets O 4+14 mm	900	T91	1	half-round needle nose pliers = 180 mm	1150BM	T131
6	1/4" socket drivers for hexagon screws O 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME	T91	1	extra long needle knurled nose pliers, bi-material handles O 160 mm	1166BM	T131
1	1/4" drive extension bar 50 mm	900/20	T91	1	heavy duty diagonal cutting nippers < 160 mm	1084BM	T131
1	1/4" drive extension bar 150 mm	900/21	T91	5	pin punches O 2 - 3 - 4 - 5 - 6 mm	31	T31
1	1/4" drive spinner handle	900BG/30	T91	1	centre punch O 4 mm	32	T31
1	1/4" drive universal joint	900/25	T91	12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
1	1/4" drive swivel T-handle	900/42	T91	9	offset hexagon key wrenches O 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
1	1/4" reversible ratchet	900/55	T91	1	tin snips 250 mm	1112	T285
6	T-handle wrenches with hexagon male ends O 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68	1	electrician's scissors, straight blades	1128BM	T285
7	double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40	1	hacksaw frame, aluminium handle	1726	T285
5	double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41	5	blades for hacksaw	1728BM	T285
7	screwdrivers for cross head Phillips® screws O 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1260	T199	1	plastic oil can 200 cc	1753	T285
6	screwdrivers for cross head Phillips® screws O PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	T202	1	empty thermoformed tray	VP5	VP5
3	screwdrivers for cross head Phillips® screws O 8x200 - 10x150 - 10x200 mm	1260	T201	1	adjustable tap wrench M3+M12	435/1,5	T273
2	screwdrivers for slotted head screws, extra-short series O 4x30 - 6,5x30 mm	1260N	T201	1	adjustable tap wrench M5+M21	435/3	T273
2	screwdrivers for cross head Phillips® screws O PH3x150 - PH4x200 mm	1262	T204	1	reversible ratcheting tap wrench 2,0+5,0 mm (M3+M8)	436/1	T273
2	screwdrivers for cross head Phillips® screws, extra - short series O PH1x30 - PH2x30 mm	1262N	T204	1	reversible ratcheting tap wrench 4,6+8,0 mm (M5+M12)	436/2	T273
2	flat chisels, ribbed type 100 - 200 mm	35	T234	1	die stock 25,4 mm	444/1	T273
1	engineer's hammer 300 g	1370	T234	1	die stock 38,1 mm	444/2	T273
1	soft face hammer O 35 mm	1390	T234	1	screw pitch gauge 0,25+6 W 62+4x1"	1707	T273
1	riveting pliers 250 mm	1741B	T281	26	coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430	T270
100	aluminium rivets 2,9x6 mm	1741RV...K	T281	14	fine pitch hand taps M6x0,75 - M8x1 - M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	433	T270
100	aluminium rivets 3,2x8 mm	1741RV...K	T281	7	round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440	T270
100	aluminium rivets 3,8x10 mm	1741RV...K	T281	6	round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A	T270
				2	round dies, fine pitch M6x0,75 - M8x0,75	441	T270
				5	round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A	T270

Industrial maintenance



Quantity/Description

Beta N.

Quantity/Description

Beta N.

6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6	1	toggle lever assisted end cutting nippers ≤ 180 mm	1092V
1	centre punch Ø 4 mm	32	1	tin snips 300 mm	1112
2	flat chisels, ribbed type 125 - 250 mm	35	1	tin snip, straight narrow blades 250 mm	1114
1	cape chisel, ribbed type 200 mm	37	1	electrician's scissors, straight blades	1128BMX
30	combination wrenches 6÷41 mm	42	1	half-round needle nose pliers = 180 mm	1150BM
14	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm	55	1	extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM
13	double ended offset ring wrenches 6x7÷30x32 mm	90	1	bent needle nose pliers ● 160 mm	1168BM
14	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	96N	9	screwdrivers for cross head Phillips® screws ● 2,5x50 - 3x75 - 3,5x150 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 - 12x250 mm	1260
1	adjustable wrench 250 mm	111	2	screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm	1260N
1	heavy duty pipe wrench 300 mm	362	5	screwdrivers for cross head Phillips® screws ● PH0x100 - PH1x120 - PH2x150 - PH3x150 - PH4x200 mm	1262
25	twist drills with cylindrical shanks, short series 1÷13x0,5 mm	412/SP25	2	screwdrivers for cross head Phillips® screws, extra - short series ● PH1x30 - PH2x30 mm	1262N
37	assortment of HSS taps and dies, metric thread	447/C37	7	drivers for Torx® head screws ○ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
1	click-type torque wrenches with reversible ratchets 1/2", 40÷200 Nm	666N/20	2	engineer's hammer 300 - 600 g	1370
4	1/2" drive, socket drivers for hexagon screws ○ 10-12-14-17 mm	920ME	2	soft face hammer Ø 35 - 60 mm	1390
25	20 sockets and 5 accessories	920A/C20X	5	tapered extractors M3÷M18	1430/S5
17	assortment of 12 sockets and 5 accessories 3/4"	928A/C12	1	two - leg universal puller 23÷70 mm	1500N/1
12	double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	932	1	two - leg universal puller 23÷100 mm	1500N/2
14	T-handle wrenches with hexagon male ends 2÷14 mm	951/S14	1	sliding gauge	1650
5	T handle wrenches with swivelling hexagon male ends ○ 3 - 4 - 5 - 6 - 8 mm	953	1	semirigid stainless steel rule 300 mm	1683
3	circlip pliers straight, internal ○ 180 - 225 - 300 mm	1032	1	engineer's scriber	1688A
3	circlip pliers bent, internal ○ 170 - 210 - 290 mm	1034	1	measuring tape 5 m	1692
3	circlip pliers straight, external ● 140x1,3 - 175 - 225 mm	1036	1	metric feeler gauge	1708/13
3	circlip pliers bent, external ● 135x1,3 - 175 - 220 mm	1038	1	flexible magnetic pick-up tool 1,8 kg	1712E/2
2	Slip joint pliers boxed joints 250 - 300 mm	1048	5	second cut files 200 mm	1719BMA8/S5
1	self locking pliers, double adjustment	1051	1	hacksaw frame, aluminium handle	1726BM
1	heavy duty diagonal cutting nippers ≤ 160 mm	1084BM	1	riveting pliers	1741B
			1	metal oil can 200 cc	1751

Industrial maintenance



Quantity/Description

16	combination wrenches 6÷21 mm
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm
1	centre punch Ø 4 mm
13	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
9	offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
5	double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm
7	double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
5	1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet Ⓞ
19	1/2" square drive hexagon sockets Ø 10÷24 - 26 - 27 - 30 - 32 mm
9	screwdrivers for cross head Phillips® screws ● 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
2	screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
7	screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
2	screwdrivers for cross head Phillips® screws, extra - short series ● PH1x30 - PH2x30 mm
4	offset hexagon key wrenches Ø 13-14-17-19 mm
1	tin snips 250 mm
1	electrician's scissors, straight blades
1	hacksaw frame, aluminium handle
(5)	blades for hacksaw
1	plastic oil can 200 cc
1	half-round needle nose pliers ■ 180 mm
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm
1	heavy duty diagonal cutting nippers † 160 mm
1	circlip pliers straight, internal ○ 180 mm
1	circlip pliers bent, internal ○ 170 mm

Beta N.

Quantity/Description

42	1	circlip pliers straight, external ● 175mm
42	1	circlip pliers bent, external ● 175mm
31	2	flat chisels, ribbed type 100 - 200 mm
32	1	engineer's hammer 300 g
55	1	soft face hammer Ø 35 mm
1	1	second cut files 200 mm
96N/SC9	4	combination wrenches 35-36-38-41 mm
90	1	double open end wrenches 36x41 mm
90	1	adjustable wrench 250 mm
1	1	heavy duty pipe wrench 300 mm
25	1	twist drills with cylindrical shanks, short series
920ME	37	assortment of HSS taps and dies, metric thread
920/21	1	click-type torque wrenches with reversible ratchets 200 Nm
920/22	17	assortment of 12 sockets and 5 accessories 3/4"
920/25	14	T-handle wrenches with hexagon male ends
920/42	5	T handle wrenches with swivelling hexagon male ends Ø 3-4-5-6-8 mm
920/55	1	circlip pliers straight, internal ○ 300 mm
920A	1	circlip pliers bent, internal ○ 290 mm
1260	1	circlip pliers straight, external ● 225 mm
1260N	1	circlip pliers bent, external ● 220 mm
1262	1	Slip joint pliers boxed joints 300 mm
1262N	1	self locking pliers, double adjustment
96N	1	toggle lever assisted end cutting nippers † 180 mm
1112	1	engineer's hammer 600 g
1128BM	5	soft face hammer 60 mm
1726	1	tapered extractors M3-M18
1728BM	1	two - leg universal puller
1753	1	sliding gauge
1150BM	1	semirigid stainless steel rule
1166BM	1	engineer's scriber
1084BM	1	measuring tape 5 m
1032	1	metric feeler gauge
1034	1	flexible magnetic pick-up tool

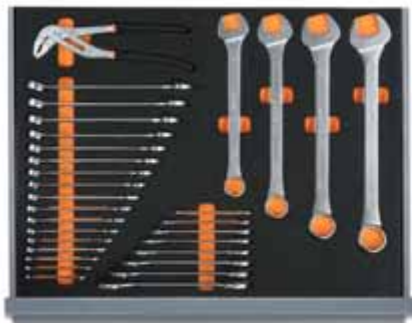
Beta N.

1036
1038
35
1370
1390
1719BMA8/S5
42
55
111
362
412/SP25
447/C37
666N/20
928A/C12
951/S14
953
1032
1034
1036
1038
1048
1051
1092V
1370
1390
1430/S5
1500/3
1650
1683
1688
1692
1708/13
1712E/2

5935VI/1MB

assortment of 94 tools for tool chest C35, in soft foam trays

industrial maintenance



MB11



MB47



MB61

Quantity/Description

21	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	42	MB11
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55	MB11
1	Slip joint pliers boxed joints 250 mm	1048	MB11
4	screwdrivers for cross head Phillips® screws ● 3x75-4x100-5x125-6,5x150 mm	1260	MB47
3	screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH2x100 mm	1262	MB47
1	screwdrivers for slotted head screws, extra-short series ● 4x30 mm	1260N	MB47
1	screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30 mm	1262N	MB47
6	offset hexagon key wrenches ○ 2,5-3-4-5-6-8 mm	96T	MB47
9	ball head offset hexagon key wrenches ○	96BPC/SC9	MB47
19	1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm	920A	MB47
1	1/2" wobble extension bar 125 mm	920AN/125	MB47
1	1/2" wobble extension bar 250 mm	920AN/250	MB47
1	1/2" drive universal joint	920/25	MB47
1	1/2" drive sliding T-handle	920/42	MB47
1	1/2" drive reversible ratchet ⊗	920/55	MB47

Beta N. TR

Quantity/Description

1	second-cut square files 200 mm	1719BMA...Q	MB61
1	second-cut flat files 200 mm	1719BMA...P	MB61
1	second-cut triangular files 200 mm	1719BMA...T	MB61
1	second-cut half-round files 200 mm	1719BMA...M	MB61
1	second-cut round files 200 mm	1719BMA...R	MB61
1	flat chisels, ribbed type 200 mm	35	MB61
1	circlip pliers straight, internal ○ 180 mm	1032	MB61
1	circlip pliers bent, internal ○ 170 mm	1034	MB61
1	circlip pliers straight, external ● 175 mm	1036	MB61
1	circlip pliers bent, external ● 175 mm	1038	MB61
1	self - locking pliers 240 mm	1052	MB61
1	heavy duty diagonal cutting nippers ⚡ 160 mm	1084BM	MB61
1	half-round needle nose pliers ≡ 180 mm	1150BM	MB61
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM	MB61
1	engineer's hammer 500 g	1370	MB61
1	soft face hammer Ø 35 mm	1390	MB61

Beta N. TR

1719BMA...Q	MB61
1719BMA...P	MB61
1719BMA...T	MB61
1719BMA...M	MB61
1719BMA...R	MB61
35	MB61
1032	MB61
1034	MB61
1036	MB61
1038	MB61
1052	MB61
1084BM	MB61
1150BM	MB61
1166BM	MB61
1370	MB61
1390	MB61

5935VI/2MB

assortment of 133 tools for tool chest C35, in soft foam trays

industrial maintenance



MB11



MB34



MB44



MB55

Quantity/Description	Beta N.	TR	Quantity/Description	Beta N.	TR
21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	42	MB11	1 1/4" drive swivel T-handle	900/42	MB34
8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55	MB11	7 screwdrivers for cross head Phillips® screws ● 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm	1260	MB44
1 Slip joint pliers boxed joints 250 mm	1048	MB11	2 screwdrivers for slotted head screws, extra-short series ● 4x30-6,5x30 mm	1260N	MB44
19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm	920A	MB34	7 screwdrivers for cross head Phillips® screws ● PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm	1262	MB44
1 1/2" wobble extension bar 125 mm	920AN/125	MB34	2 screwdrivers for cross head Phillips® screws, extra - short series ● PH1x30-PH2x30 mm	1262N	MB44
1 1/2" wobble extension bar 150 mm	920AN/250	MB34	1 mains testing screwdriver ● 4x30-6,5x30 mm	1253	MB44
1 1/2" drive universal joint	920/25	MB34	9 ball head offset hexagon key wrenches ○ 96BPC/SC9	951	MB44
1 1/2" drive sliding T-handle	920/42	MB34	6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm	31	MB55
1 1/2" drive reversible ratchet Ⓢ	920/55	MB34	1 pin punches Ø 2-3-4-5-6 mm	32	MB55
1 adjustable wrench 250 mm	111	MB34	1 centre punch Ø 4 mm	35	MB55
1 self - locking pliers 240 mm	1052	MB34	1 flat chisels, ribbed type 200 mm	1112	MB55
1 heavy duty diagonal cutting nippers ⚡ 160 mm	1084BM	MB34	1 tin snips 250 mm	1128BMX	MB55
1 half-round needle nose pliers = 180 mm	1150BM	MB34	1 electrician's scissors, straight blades	1370	MB55
1 extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM	MB34	1 engineer's hammer 500 g	1390	MB55
1 circlip pliers straight, internal ○ 180 mm	1032	MB34	1 soft face hammer Ø 45 mm	1719BMA...Q	MB55
1 circlip pliers bent, internal ○ 170 mm	1034	MB34	1 second-cut square files 200 mm	1719BMA...T	MB55
1 circlip pliers straight, external ● 175 mm	1036	MB34	1 second-cut triangular files 200 mm	1719BMA...P	MB55
1 circlip pliers bent, external ● 175 mm	1038	MB34	1 second-cut flat files 200 mm	1719BMA...M	MB55
13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MB34	1 second-cut half-round files 200 mm	1719BMA...R	MB55
1 1/4" drive extension bar 50 mm	900/20	MB34	1 second-cut round files 200 mm	1726	MB55
1 1/4" drive extension bar 150 mm	900/21	MB34	1 hacksaw frame, aluminium handle 440 mm		
1 1/4" drive universal joint	900/25	MB34			
1 1/4" drive spinner handle	900BG/30	MB34			
1 1/4" reversible ratchet Ⓢ	900/55	MB34			

5935 VI/2MB

059350315

Assortment recommended in combination with C35

Industrial maintenance



22.5 kg

Quantity/Description

5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm
1	centre punch Ø 4 mm
2	flat chisels, ribbed type 200 - 250 mm
18	combination wrenches 6+14 - 16 - 17 - 18 19 - 21 - 22 - 24 - 27 - 30 mm
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
12	offset hexagon key wrenches Ø 2÷10 mm
1	adjustable wrench 250 mm
1	pipe wrench Swedish pattern 320 mm
20	1/2" square drive bi - hex sockets ○ 10÷24 - 26 - 27 - 28 - 30 - 32 mm
6	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 - 14 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive swivel T-handle
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet
6	T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm
2	circlip pliers straight, internal ○ 140 - 180 mm
1	circlip pliers bent, internal ○ 170 mm
2	circlip pliers straight, external ● 140x1,3 - 175 mm
1	circlip pliers bent, external ● 175 mm

Beta N.

31
32
35
42
55
96/SC12
111
374
920B
920ME
920/21
920/22
920/25
920/40
920/42
920/55
951
1032
1034
1036
1038

Quantity/Description

1	Slip joint pliers boxed joints 240 mm	1048
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers < 160 mm	1084BM
1	toggle lever assisted end cutting nippers < 180 mm	1092V
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers = 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM
1	mains testing screwdriver ●	1253
9	screwdrivers for cross head Phillips® screws ● 3x75 - 3,5X100 - 4x100 - 5,5x100 - 5,5x150 - 6,5X150 - 8X150 - 10X200 - 12x250 mm	1260
2	screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm	1260N
8	screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 - PH4X200 mm	1262
2	screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30 - PH2x30 mm	1262N
2	engineer's hammer 300 - 500 g	1370
1	soft face hammer Ø 45 mm	1390
1	flexible magnetic pick-up tool 0,5 kg	1712E/1
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1726BM
1	plastic oil can 250 cc	1754

5953 VI

059530075

Assortment recommended in combination with C53VI

Industrial maintenance



17 kg

Quantity/Description

2	drift punches Ø 2 - 3 mm
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm
1	centre punch Ø 4 mm
1	flat chisels 150 mm
1	cape chisels, standard type 150 mm
18	combination wrenches 6÷22 - 24 mm
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
12	offset hexagon key wrenches 2÷10 mm
1	adjustable wrench 250 mm
20	1/2" square drive hexagon sockets 10÷24 - 26 - 27 - 28 - 30 - 32 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet
1	circlip pliers straight, internal 180 mm
1	circlip pliers bent, internal 170 mm
1	circlip pliers straight, external 175 mm
1	circlip pliers bent, external 175 mm
1	Slip joint pliers boxed joints 250 mm
1	self - locking pliers 240 mm
1	diagonal cutting nippers 160 mm
1	tin snips 250 mm

Beta N.

30
31
32
34
36
42
55/S12X
96/SC12
111
920A
920/21
920/22
920/25
920/42
920/55
1032
1034
1036
1038
1048
1052
1082BM
1112

Quantity/Description

1	electrician's scissors, straight blades
1	half-round needle nose pliers 180 mm
1	extra long needle knurled nose pliers, bi-material handles 160 mm
1	bent needle nose pliers 200 mm
5	screwdrivers for cross head Phillips® screws 3x75 - 4x125 - 5,5x125 - 6,5x150 - 10x200 mm
1	screwdrivers for slotted head screws, extra-short series 4x30 mm
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
1	screwdrivers for cross head Phillips® screws, extra - short series PH1x30 mm
1	engineer's hammer 400 g
1	dead blow hammer Ø 35 mm
1	puller with floating legs
1	crimping pliers for insulated terminals
1	measuring tape 5 m
1	metric feeler gauge
1	flexible magnetic pick-up tool 1,8 kg
5	second cut files 200 mm
1	hacksaw frame, aluminium handle
1	riveting pliers
1	plastic oil can 250 cc

Beta N.

1128BMX
1150BM
1166BM
1168BM
1260
1260N
1262
1262N
1370
1392
1515/3
1602
1692
1708/20
1712E/2
1719BMA/S5
1726BM
1741B
1754

5954 VI

059540075

Assortment recommended in combination with C54VI

Industrial maintenance



32 kg

Quantity/Description

6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder
18	combination wrenches 6÷22 - 24 - 27 - 30 - 32 mm
12	double open end wrenches 6x7 ÷ 30x32 mm
8	offset hexagon key wrenches 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
8	offset key wrenches, for Torx® head screws ⊕ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
1	adjustable wrench 250 mm
13	1/2" square drive bi-hex sockets with rail ○ 10+22 mm
8	1/2" square drive bi-hex sockets with rail ○ 23+32 mm
4	1/2" socket drivers for slotted head screws ● 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm
3	1/2" socket drivers for Phillips® screws ⊕ PH2 - 3 - 4
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet ⊗
1	pry bar
2	circlip pliers straight, internal ○ 140 - 180 mm
2	circlip pliers bent, internal ○ 130 - 170 mm
2	circlip pliers straight, external ● 140 - 175 mm
2	circlip pliers bent, external ● 135 - 175 mm
1	Slip joint pliers boxed joints 250 mm
1	self locking pliers, double adjustment
1	heavy duty diagonal cutting nippers ⚡ 160 mm
1	toggle lever assisted end cutting nippers ⚡ 180 mm
1	tin snips 250 mm
1	tin snip, straight narrow blades 250 mm

Beta N.

31/SP6
38/SP6
42
55/S12X
96T/S8
97TX/SC8
111
920B/SB13
920B/SB8
920LP
920PH
920/21
920/22
920/25
920/42
920/55
963
1032
1034
1036
1038
1048
1051
1084BM
1092V
1112
1114

Quantity/Description

1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers = 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM
1	bent needle nose pliers ● 160 mm	1168BM
7	screwdrivers for cross head Phillips® screws ● 2,5x50 - 3x75 - 4x100 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
4	screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
3	engineer's hammer 300 - 600 - 1000 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	two cutting edges scraper 200 mm	1717A
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751
1	flat chisels, ribbed type 200 mm	35
1	cape chisel, ribbed type 200 mm	37
11	double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 19 - 22 - 24 mm	932
1	self - locking pliers 240 mm	1052
1	self - locking pliers 280 mm	1060
1	self - locking pliers 290 mm	1062
1	dead blow hammer Ø 50 mm	1392
1	two - leg universal puller 25÷130 mm	1500N/2
1	sliding gauge	1650
1	semirigid stainless steel rule 300 mm	1683
1	engineer's scriber	1688A
1	metric feeler gauge	1708/13
1	fold - away knife	1777BM
1	snap - off blade utility knife 170 mm	1771BM
1	diagonal cutting nippers ⚡ 160 mm	1082BM

5957VI

059570050

Assortment recommended in combination with C57S A - C57S B - C57SP - C55PSP

Universal maintenance



M15 M33 M199 M202



M50 M83



M132 M153 M234 M145

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 screwdrivers for cross head Phillips® screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws \bullet PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 8 offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet $\text{\textcircled{R}}$
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm

Beta N.	TR
42	M15
55	M33
96/SC9	M33
1260	M199
1262	M202
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83

Quantity/Description

- 1 heavy duty diagonal cutting nippers \angle 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 screwdrivers for slotted head screws \bullet 160 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm

Beta N.	TR
1084	M132
1150	M132
1166	M132
1048	M153
1052	M153
35	M234
1370	M234
1390	M234
1032	M145
1034	M145
1036	M145
1038	M145

5904VU/2M

assortment of 152 tools

Universal maintenance



M15 M33 M199 M202



M50 M83



M132 M153 M237 M145



M204 M289 M85 M236

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
- 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 screwdrivers for cross head Phillips® screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 8 offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm
- 1 heavy duty diagonal cutting nippers \nless 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 screwdrivers for slotted head screws \bullet 160 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 mechanic's hammers 300 g
- 1 nylon face hammers, wooden shafts \varnothing 35 mm

Beta N.	TR
42	M15
55	M33
96/SC9	M33
1260	M199
1262	M202
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M132
1150	M132
1166	M132
1048	M153
1052	M153
35	M237
1370T	M237
1390N	M237

Quantity/Description

- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 6 drivers for Torx® head screws \odot T8-T10-T15-T20-T25-T30
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife
- 5 bits for slotted head screws, coloured \bullet 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 8 hexagon bits for power drivers, coloured \odot 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 bits for cross head Phillips® screws, coloured \oplus PH0 - PH1 - PH2 - PH3 - PH4
- 4 bits for cross head Pozidriv® - Supadriv® screws, coloured \oplus PZ1 - PZ2 - PZ3 - PZ4
- 10 bits for Torx® head screws, coloured \odot T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 8 bits for Tamper Resistant Torx® head screws, coloured \oplus T9-T10-T15-T20-T25-T27-T30-T40
- 1 magnetic bit holder with handle 230 mm
- 1 reversible bit ratchet 100 mm
- 1 adaptors for drivers
- 1 magnetic bit holder extension bar
- 5 second cut files 200 mm

Beta N.	TR
1032	M145
1034	M145
1036	M145
1038	M145
1267TX	M204
1692	M289
1725CR	M289
1755	M289
1771	M289
860LP	M85
860PE	M85
860PH	M85
860PZ	M85
860TX	M85
860RTX	M85
851SR	M85
860/55	M85
892/0	M85
882P	M85
1719BMA8/S5	M85

5904VU/2T

assortment of 104 tools in foam trays

Universal use



T199 T202 T83



T145 T153 T131 T234



T68 T33 T15 T16



T287

Quantity/Description

- 7 screwdrivers for cross head Phillips® screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet ⊕
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles ● 160 mm

Beta N. TR

- 1260 T199
- 1262 T202
- 920A T83
- 920/21 T83
- 920/22 T83
- 920/25 T83
- 920/42 T83
- 920/55 T83
- 1032 T145
- 1034 T145
- 1036 T145
- 1038 T145
- 1048 T153
- 1052 T153
- 1084BM T131
- 1150BM T131
- 1166BM T131

Quantity/Description

- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches ○ 1,5÷10 mm
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 electrician's scissors, straight blades
- 1 Multiuse scissors
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 blades for hacksaw
- 1 snap - off blade utility knife 170 mm
- 1 foldaway knife 185 mm

Beta N. TR

- 35 T234
- 1370 T234
- 1390 T234
- 951 T68
- 55 T33
- 96/SC9 T33
- 42 T15
- 42 T16
- 1128BMX T287
- 1130BMX T287
- 1719BMA...Q T287
- 1719BMA...P T287
- 1719BMA...T T287
- 1719BMA...M T287
- 1719BMA...R T287
- 1726BM T287
- 1728BM T287
- 1771BM T287
- 1778 T287

5904VU/2T

059040520

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55

5904VU/3T

assortment of 146 tools

Universal maintenance



T15 T16 T31



T52 T55 T80



T91 T145 T132 T153



T198 T205 T234 T236

Quantity/Description

16	combination wrenches 6÷21 mm
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm
1	centre punch Ø 4 mm
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17-18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
6	offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm
6	drivers for Torx® head screws, with handles ⊕ T10-T15-T20-T25-T27-T30
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet ⊕
19	1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm
13	1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
6	1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm
1	1/4" drive extension bar 50 mm
1	1/4" drive extension bar 150 mm
1	1/4" drive universal joint
1	1/4" drive spinner handle
1	1/4" drive swivel T-handle 115 mm

Beta N.

TR

42	T15
42	T16
31	T31
32	T31
55	T31
96N/SC9	T31
96T	T52
97TTX	T55
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91

Quantity/Description

1	1/4" reversible ratchet ⊕
1	circlip pliers straight, internal ○ 180 mm
1	circlip pliers bent, internal ○ 170 mm
1	circlip pliers straight, external ● 175 mm
1	circlip pliers bent, external ● 175 mm
1	half-round needle nose pliers ≡ 180 mm
1	screwdrivers for slotted head screws ● 160 mm
1	heavy duty diagonal cutting nippers ⚡ 160 mm
1	Slip joint pliers boxed joints 250 mm
1	self - locking pliers 240 mm
4	screwdrivers for cross head Phillips® screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
3	screwdrivers for cross head Pozidriv®-Supadriv® screws ⊕ PZ0 - PZ1 - PZ2
7	drivers for Torx® head screws ⊕ T6-T7-T8-T9-T10-T15-T20
2	flat chisels, ribbed type 100 - 200 mm
1	engineer's hammer 300 g
1	soft face hammer Ø 35 mm
5	second cut files 200 mm

Beta N.

TR

900/55	T91
1032	T145
1034	T145
1036	T145
1038	T145
1150	T132
1166	T132
1084	T132
1048	T153
1052	T153
1260	T198
1269PZ	T198
1267TX	T205
35	T234
1370	T234
1390	T234
1719BMA8/	T236
S5	

5904 VU/3T

059040203

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers
C24SL - C24SL/CAB - C59 - C55

5914VU/M

assortment of 109 tools for tool trolley C14, in soft foam tray

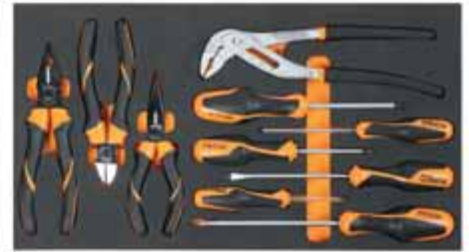
Universal use



MC T1



MC T2



MC T3

Quantity/Description

Quantity/Description	Beta N.	TR
31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊖ ⊗	860MIX/A31	MCT1
1 socket holder	895/3	MCT1
13 1/4" hexagon sockets ○ 4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MCT1
1 1/4" drive universal joint	900/25	MCT1
1 1/4" drive spinner handle	900BG/30C	MCT1
1 1/4" drive swivel T-handle	900/42	MCT1
1 1/4" reversible ratchet ⊕	900/55	MCT1
16 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm	920A	MCT1
1 1/2" drive universal joint	920/25	MCT1
1 1/2" wobble extension bar	920AN/125	MCT1
1 1/2" drive sliding T-handle	920/42	MCT1
1 1/2" drive reversible ratchet ⊕	920/55	MCT1
14 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22 mm	42	MCT2

Quantity/Description

Quantity/Description	Beta N.	TR
9 offset hexagon key wrenches ○	96/SC9	MCT2
1 adjustable wrench 250 mm	111	MCT2
1 electrician's scissors, straight blades	1128BMX	MCT2
1 measuring tape 5 mt	1692/5	MCT2
1 snap - off blade utility knife	1771	MCT2
1 Slip joint pliers boxed joints 250 mm	1048	MCT3
1 diagonal cutting nippers ✂ 160 mm	1082BM	MCT3
1 half-round needle nose pliers = 180 mm	1150BM	MCT3
1 extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM	MCT3
3 screwdrivers for cross head Phillips® screws ● 3,5x100-5,5x125-6,5x150 mm	1260	MCT3
3 screwdrivers for cross head Phillips® screws ⊕ PHx60-PH1x80-PH3x100 mm	1262	MCT3

5915VU/0

Assortment of 35 tools

Universal use



Quantity/Description

- 1 centre punch 4 mm
- 1 flat chisels, ribbed type 125 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 7 Offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6 mm
- 1 adjustable wrench 150 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 diagonal cutting nippers \sphericalangle 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers \equiv 180 mm

Beta N.

- 32
- 35
- 55
- 96/BGS7
- 111
- 1048
- 1082
- 1128BMX
- 1150

Quantity/Description

- 1 screwdrivers for slotted head screws \bullet 160 mm
- 4 screwdrivers for cross head Phillips® screws \bullet 3x75-4x100-5,5x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \bullet PH0x60-PH1x80-PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 snap - off blade utility knife 18 mm
- 1 car service knife
- 1 high-brightness LED torch

Beta N.

- 1166
- 1201
- 1202
- 1370
- 1692/3
- 1771
- 1778SOS
- 1834PS

5915VU/0

059150121

Assortment recommended in combination with C4 - C5 - C6T

5915VU/1

Assortment of 45 tools

Universal use



5 kg

Quantity/Description

- 2 drift punches Ø 2-3 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels 125-150 mm
- 1 cape chisels, standard type 150 mm
- 14 combination wrenches 6+14 - 17 - 19 - 21 - 22 - 24 mm
- 9 offset hexagon key wrenches
Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 adjustable wrench 250 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades

- Beta N. 30
- 32
- 34
- 36
- 42
- 96/SC9
- 111
- 1048
- 1082
- 1128BMX

Quantity/Description

- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 snap - off blade utility knife

- Beta N. 1150
- 1166
- 1201
- 1202
- 1370
- 1692
- 1771

5915VU/1

059150124

Assortment recommended in combination with C9 - C10 - C10S - C11 - CP15 - CP15L - C16 - CP17 - CP17L - C18

5915VU/2

Assortment of 49 tools

Universal use



Quantity/Description

- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \varnothing 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 13 1/4" hexagon sockets \varnothing 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet \oplus

Beta N.

- 55/B8
- 96/SC9
- 900
- 900/21
- 900/25
- 900BG/30
- 900/42
- 900/55

Quantity/Description

- 1 Slip joint pliers boxed joints 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers \equiv 180 mm
- 4 screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife 18 mm

Beta N.

- 1048
- 1128BMX
- 1150
- 1201
- 1202
- 1370
- 1692
- 1755
- 1771

5915VU/2

059150127

Assortment recommended in combination with C7 - CP15 - C20 - C20L

Universal use



8.1 kg

Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 14 combination wrenches 6+17 - 19 - 22 - 24 mm
- 9 offset hexagon key wrenches \odot 1,5+10 mm
- 3 offset hexagon key wrenches \odot 4 - 5 - 6 mm
- 1 adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets \odot 8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \otimes
- 8 double ended hexagon tubular socket wrenches, light series 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 2 tommy bars for tubular wrenches
- 1 slip joint pliers 250 mm

Beta N.

- 31
- 32
- 34
- 42
- 96/SC9
- 96T
- 111
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 935
- 940
- 1048V

Quantity/Description

- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers \angle 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers \equiv 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm
- 4 screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 400 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

Beta N.

- 1052
- 1084BM
- 1128BMX
- 1150BM
- 1166BM
- 1201
- 1202
- 1370
- 1692
- 1726
- 1755
- 1771

5915VU/3

059150128

Assortment recommended in combination with C7 - C9 - C10 - C10S - C11 - CP15L - C16 - CP17 - CP17L - C19 - C19L - C20 - C20L

5915VU/4

Assortment of 80 tools

Universal use



11.2 kg

Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 15 combination wrenches 6÷17 - 19 - 22 - 24 mm
- 9 offset hexagon key wrenches \odot 1,5÷10 mm
- 1 adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets \odot 8÷17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 17 double ended hexagon/bi - hex offset socket wrenches 6÷22 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm

Beta N.

- 31
- 32
- 34
- 42
- 96/SC9
- 111
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 932/S17
- 1048
- 1052

Quantity/Description

- 1 heavy duty diagonal cutting nippers ✂ 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers ✂ 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm
- 4 screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 riveting hammer 32 mm
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

Beta N.

- 1084BM
- 1128BMX
- 1150BM
- 1166BM
- 1201
- 1202
- 1370F
- 1692
- 1726
- 1755
- 1771

5915VU/4

059150145

Assortment recommended in combination with C20 - C20L

Universal use



Quantity/Description

1	pin punches Ø 4 mm	
1	centre punch Ø 4 mm	
1	flat chisels 150 mm	
17	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55/S8
9	ball head offset hexagon key wrenches ○	96BPC/SC9
1	adjustable wrench 250 mm	111
39	11 hexagon sockets, 20 bits and 8 accessories	900/C11
13	11 sockets and 2 accessories	920A/C11
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	diagonal cutting nippers 160 mm	1082
1	construction worker's pincers 220 mm	1098

Beta N. Quantity/Description

31	1	electrician's scissors, straight blades	1128BMX
32	1	half-round needle nose pliers 180 mm	1150
34	1	screwdrivers for slotted head screws 160 mm	1166
42	3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202
	1	engineer's hammer 300 g	1370
	1	soft face hammer Ø 35 mm	1390
	1	measuring tape 3 m	1692/3
	1	second cut files	1719BMA8/M
	1	hacksaw frame, aluminium handle 440 mm	1726
	1	snap - off blade utility knife 18 mm	1771BM
	1	LED inspection torch	1835/2
	4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x100 - 6,5x150 mm	1201

5915VU/5

059150156

Assortment recommended in combination with C12

5915VU/AS

assortment of 68 tools

Universal use



9.3 kg

Quantity/Description

1	pin punches Ø 4 mm
1	centre punch Ø 4 mm
1	flat chisels 150 mm
13	combination wrenches 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"
8	double ended offset ring wrenches 1/4"+1"
9	○ 3/64"+3/8"
1	adjustable wrench 250 mm
11	1/2" square drive bi - hex sockets ○ 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet ⊕
1	Slip joint pliers boxed joints 250 mm

Beta N.

31
32
34
42AS
90AS/8
96AS/SC9
111
920AS
920/21
920/22
920/25
920/42
920/55
1048

Quantity/Description

1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers 160 mm	1084BM
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers = 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm	1166BM
4	screwdrivers for cross head Phillips® screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201
3	screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm	1202
1	engineer's hammer 300 g	1370
1	measuring tape 5 m	1692
1	hacksaw frame, aluminium handle	1726
1	plastic oil bottle 150 cc	1755
1	snap - off blade utility knife	1771

Beta N.

1052
1084BM
1128BMX
1150BM
1166BM
1201
1202
1370
1692
1726
1755
1771

5915VU/AS

059150132

Assortment recommended in combination with C10 - C20 - C20L

5927VU/M

assortment of 108 tools in soft foam tray

Universal use



MC10



MC20

Quantity/Description

Quantity/Description	Beta N.	TR
16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm	42	MC10
9 offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6-8-10 mm	96/SC9	MC10
1 heavy duty diagonal cutting nippers ∇ 160 mm	1084BM	MC10
1 half-round needle nose pliers \equiv 180 mm	1150BM	MC10
1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM	MC10
3 screwdrivers for cross head Phillips® screws \bullet 3,5x100-5,5x150-6,5x150 mm	1201	MC10
3 screwdrivers for cross head Phillips® screws \oplus PH0x3x60-PH1x4,5x80-PH2x6x100 mm	1202	MC10
31 bits with magnetic quick release bit holder in plastic case \bullet \odot \oplus \oplus \oplus	860MIX/A31	MC20
1 Slip joint pliers boxed joints 250 mm	1048	MC20
1 engineer's hammer 300 mm	1370	MC20
1 centre punch 4 mm	32	MC20

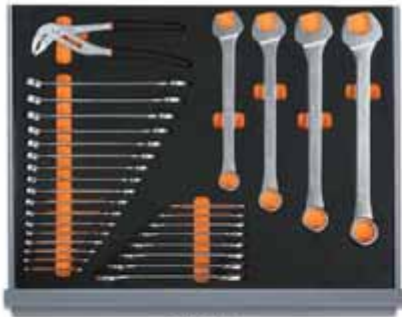
Quantity/Description

Quantity/Description	Beta N.	TR
1 cape chisels, standard type 4 mm	36	MC20
13 1/4" hexagon sockets \odot 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MC20
1 1/4" drive extension bar 150 mm	900/21	MC20
1 1/4" drive universal joint	900/25	MC20
1 1/4" drive spinner handle	900BG/30C	MC20
1 1/4" drive swivel T-handle	900/42	MC20
1 1/4" reversible ratchet \oplus	900/55	MC20
16 1/2" square drive hexagon sockets \odot 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm	920A	MC20
1 1/2" drive universal joint	920/25	MC20
1 1/2" wobble extension bar 125 mm	920AN/125	MC20
1 1/4" drive swivel T-handle	900/42	MC20
1 1/4" reversible ratchet \oplus	900/55	MC20
1 socket holder	895/1	MC20

5935VU/1MB

assortment of 154 tools for tool chest C35, in soft foam trays

Universal use



MB11



MB35



MB45



MB56

Quantity/Description

21	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	42	MB11
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55	MB11
1	Slip joint pliers boxed joints 250 mm	1048	MB11
8	offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm	96T	MB35
1	magnetic bit holder with handle 230 mm	851SR	MB35
5	bits for slotted head screws, coloured \bullet 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm	860LP	MB35
8	hexagon bits for power drivers, coloured \odot 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	860PE	MB35
5	bits for cross head Phillips® screws, coloured \oplus PH0 - PH1 - PH2 - PH3 - PH4	860PH	MB35
4	bits for cross head Pozidriv® - Supadriv® screws, coloured \oplus PZ1 - PZ2 - PZ3 - PZ4	860PZ	MB35
8	bits for Tamper Resistant Torx® head screws, coloured \oplus T9-T10-T15-T20-T25-T27-T30-T40	860RTX	MB35
11	bits for Torx® head screws, coloured \odot T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	860TX	MB35
1	reversible bit ratchet 100 mm	860/55	MB35
1	magnetic bit holder extension bar 80 mm	882P	MB35
1	adaptors for drivers	892/0	MB35
18	1/2" square drive hexagon sockets \odot 10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm	920A	MB35
1	1/2" wobble extension bar 125 mm	920AN/125	MB35
1	1/2" wobble extension bar 250 mm	920AN/250	MB35
1	1/2" drive universal joint	920/25	MB35
1	1/2" drive sliding T-handle	920/42	MB35
1	1/2" drive reversible ratchet \oplus	920/55	MB35
1	heavy duty diagonal cutting nippers \ddagger 160 mm	1084BM	MB35
1	half-round needle nose pliers \equiv 180 mm	1150BM	MB35
1	extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM	MB35

Quantity/Description

7	screwdrivers for cross head Phillips® screws \bullet 2,5x50-3x75-3,5x100-4x100-5,5x100-5x125-6,5x150 mm	1260	MB45
6	screwdrivers for cross head Phillips® screws \oplus PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm	1262	MB45
6	drivers for Torx® head screws \odot T8-T10-T15-T20-T25-T30	1267TX	MB45
1	self - locking pliers 240 mm	1052	MB45
9	ball head offset hexagon key wrenches \odot	96BPC/SC9	MB45
1	second-cut square files 200 mm	1719BMA...Q	MB56
1	second-cut triangular files 200 mm	1719BMA...T	MB56
1	second-cut flat files 200 mm	1719BMA...P	MB56
1	files 200 mm	1719BMA...M	MB56
1	second-cut round files 200 mm	1719BMA...R	MB56
1	circlip pliers straight, internal \odot 180 mm	1032	MB56
1	circlip pliers bent, internal \odot 170 mm	1034	MB56
1	circlip pliers straight, external \bullet 175 mm	1036	MB56
1	circlip pliers bent, external \bullet 175 mm	1038	MB56
1	mechanic's hammers 300 g	1370T	MB56
1	nylon face hammers, wooden shafts \varnothing 35 mm	1390N	MB56
1	flat chisels, ribbed type 200 mm	35	MB56
1	measuring tape 5 mt	1692	MB56
1	hacksaw frame, aluminium handle 260 mm	1725	MB56
1	snap - off blade utility knife 18 mm	1771	MB56

Beta N. TR

1260	MB45
1262	MB45
1267TX	MB45
1052	MB45
96BPC/SC9	MB45
1719BMA...Q	MB56
1719BMA...T	MB56
1719BMA...P	MB56
1719BMA...M	MB56
1719BMA...R	MB56
1032	MB56
1034	MB56
1036	MB56
1038	MB56
1370T	MB56
1390N	MB56
35	MB56
1692	MB56
1725	MB56
1771	MB56

5935 VU/1MB

059350301

Assortment recommended in combination with C35

Universal maintenance



Quantity/Description

- 7 screwdrivers for cross head Phillips® screws
● 2,5x50 - 3x75 - 3,5x100 - 4x125
5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws ⊕ PH0x60-
PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm
- 7 drivers for Torx® head screws, with handles
⊙ T6-T7-T8-T9-T10-T15-T20
- 1 circlip pliers straight, internal ⊙ 180 mm
- 1 circlip pliers bent, internal ⊙ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 Slip joint pliers boxed joints 240 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles ●
160 mm
- 1 reversible ratcheting wrench for bits 1/4x5/16
- 13 1/4" hexagon sockets
○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" reversible ratchet ⊕ 125 mm
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" drive spinner handle 176 mm
- 1 1/4" drive universal joint 41 mm
- 1 1/4" drive extension bar 150 mm
- 1 magnetic bit holder with handle 230 mm
- 5 bits for Spanner screws ● 4-6-8-10-12 mm
- 8 bits for Torq-Set® head screws ⊕ 0-1-2-3-4-5-6-8 mm
- 6 bits for Tri-Wing® head screws ● 1-2-3-4-5-6 mm
- 8 bits for Tamper Resistant Torx® head screws ⊕ T9-T10-T15-
T20-T25-T27-T30-T40
- 11 bits for Torx® head screws ⊙ T6-T7-T8-T9-T10-T15-T20-T25-
T27-T30-T40

Beta N.

TR

Quantity/Description

- 1201 T210
- 1202 T212
- 1207TX T215
- 1032 T145
- 1034 T145
- 1036 T145
- 1038 T145
- 1048 T153
- 1052 T153
- 1084BM T131
- 1150BM T131
- 1166BM T131
- 194 T85
- 900 T85
- 900/55 T85
- 900/42 T85
- 900BG/30 T85
- 900/25 T85
- 900/21 T85
- 851SR T85
- 861SP T85
- 861TQS T85
- 861TRW T85
- 861RTX T85
- 861TX T85

Beta N.

TR

- 3 bits for cross head Pozidriv®-Supadriv® screws ⊕ PZ1 - PZ2
- PZ3
- 4 bits for cross head Phillips® screws ⊕ PH0 - PH1 - PH2 - PH3
- 8 hexagon bits for power drivers ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10
mm
- 7 bits for slotted head screws ● 0,5x3 - 0,6x4,5 - 0,8x5,5 -
1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 plastic oil bottle
- 1 snap - off blade utility knife
- 19 1/2" square drive hexagon sockets ○ 10 - 11 - 12+19 - 20 - 21
- 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws
○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 centre punch Ø 4 mm
- 6 pin punches with handles 2-3-4-5-6-8 mm
- 17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-
22-24-27-30 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15
- 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches ○
- 6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5
- 6 - 8 mm
- 5 second cut files 200 mm
- 11 offset hexagon key wrenches
○ 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 6 mm
- 4 thermoformed trays, empty
- 4 thermoformed trays, empty
- 4 thermoformed trays, empty

- 861PZ T85
- 861PH T85
- 861PE T85
- 861LP T85
- 35 T234
- 1370 T234
- 1390 T234
- 1692 T289
- 1725CR T289
- 1755 T289
- 1771 T289
- 920A T80
- 920ME T80
- 920/21 T80
- 920/22 T80
- 920/25 T80
- 920/42 T80
- 920/55 T80
- 32 T239
- 31BM T239
- 42 T10
- 55 T33
- 96/SC9 T33
- 951 T68
- 1719BMA8/S5 T236
- 96T T50
- VP-3SCVP-3SC
- VP-LS VP-LS
- VP-LD VP-LD

5957U-P

assortment of 133 tools

Universal use



Quantity/Description

- 6 pin punches 2-3-4-5-6-8 mm
- 6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder
- 17 combination wrenches 6÷22 - 24 - 27 - 30 - 32 mm
- 12 double open end wrenches 6x7 ÷ 30x32 mm
- 8 offset hexagon key wrenches 2 ÷ 10 mm
- 8 offset key wrenches, for Torx® head screws Ⓞ T9 ÷ T40
- 1 adjustable wrench 250 mm
- 13 1/2" square drive bi-hex sockets with rail
- 8 1/2" square drive bi-hex sockets with rail
- 4 1/2" socket drivers for slotted head screws ● 1,2x65-1,2x8-1,6x9-2x12 mm
- 3 1/2" socket drivers for Phillips® screws ⊕ PH1-PH2-PH3
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 1 pry bar
- 1 circlip pliers straight, internal Ⓞ 180 mm
- 1 circlip pliers bent, internal Ⓞ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 diagonal cutting nippers ⚡ 160 mm
- 1 heavy duty diagonal cutting nippers ⚡ 160 mm

Beta N.

- 31
- 38
- 42/S17X
- 55/S12X
- 96T/S8
- 97TX/SC8
- 111
- 920A/SB13
- 920A/SB8
- 920LP
- 920PH
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 963
- 1032
- 1034
- 1036
- 1038
- 1048
- 1052
- 1082BM
- 1084BM

Quantity/Description

- 1 toggle lever assisted end cutting nippers ⚡ 180 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers ≡ 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles ● 160 mm
- 1 bent needle nose pliers ● 160 mm
- 7 screwdrivers for cross head Phillips® screws ● 2,5x75 - 3x75 - 4x125 - 5,5x100 - 6,5x150 - 8x200 - 10x200 mm
- 4 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 2 engineer's hammer 300 - 600 g
- 1 soft face hammer 35
- 1 sliding gauge
- 1 measuring tape 5 m
- 1 flexible magnetic pick-up tool
- 1 two cutting edges scraper 200 mm
- 1 three - cutting edges scraper 200 mm
- 5 second cut files 200 mm
- 1 hacksaw frame, aluminium handle 420 mm
- 1 metal oil can
- 1 snap - off blade utility knife

Beta N.

- 1092V
- 1112
- 1128BMX
- 1150BM
- 1166BM
- 1168BM
- 1260
- 1262
- 1370
- 1390
- 1650
- 1692/5
- 1712E/2
- 1717A
- 1717B
- 1719BMA8/S5
- 1725
- 1751
- 1771BM

5957U-P

059570040

Assortment recommended in combination with C57S A - C57S B - C57SP - C55PSP

Universal use



11.3 kg

Quantity/Description

18	combination wrenches 5,5+22 mm
12	offset hexagon key wrenches \odot 2+10 mm
13	1/2" square drive hexagon sockets with rail \odot 10+22 mm
8	1/2" square drive hexagon sockets with rail \odot 23+32 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet \oplus
1	circlip pliers straight, internal \odot 180 mm
1	circlip pliers straight, external \bullet 175 mm
1	Slip joint pliers boxed joints 250 mm
1	self - locking pliers 240 mm
1	heavy duty diagonal cutting nippers \llcorner 160 mm
1	electrician's scissors, straight blades
1	half-round needle nose pliers \equiv 180 mm

Beta N.

42
96N/SC12
920A/SB13
920A/SB8
920/21
920/22
920/25
920/42
920/55
1032
1036
1048
1052
1084BM
1128BMX
1150BM

Quantity/Description

1	extra long needle knurled nose pliers, bi-material handles \bullet 160 mm
7	screwdrivers for cross head Phillips® screws \bullet 3x75 - 3,5x100 - 4x125 - 5,5x150 - 6,5x150 - 8x200 - 10x200 mm
4	screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 PH2x100 - PH3x150 mm
1	engineer's hammer 300 g
1	soft face hammer \varnothing 35 mm
1	measuring tape 5 m
5	second cut files 200 mm
1	hacksaw frame, aluminium handle
1	plastic oil can 150 cc
1	snap - off blade utility knife

Beta N.

1166BM
1260
1262/S4
1370
1390
1692
1719BMA/S5
1725
1754
1771

5958U

059580028

Assortment recommended in combination with C58P

Bicycle repairs



Quantity/Description	Beta N.	Quantity/Description	Beta N.
9 combination wrenches 6-7-8-10-11-13-14-17-19 mm	42	1 diagonal cutting nippers ∇ 160 mm	1082
9 ball head offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	1 electrician's scissors, straight blades 145 mm	1128BM
8 offset hexagon key wrenches 2-2,5-3-4-5-6-8-10 mm	96T/S8	1 half-round needle nose pliers \equiv 180 mm	1150
8 drivers for Torx® head screws, with handles \odot T8-T10-T15-T20-T25-T27-T30-T40	97TTX/S8	1 screwdrivers for slotted head screws \bullet 160 mm	1166
1 adjustable wrenches with scales chrome-plated 200 mm	111G	7 3x75-4x125-5,5x150-6,5x150-PH0x60-PH1x80-PH2x100 mm	1203/D7
1 pipe cutter for copper and light alloy pipes	334	1 engineer's hammer 300 g	1370
1 click-type torque wrenches with reversible ratchets 2+10 Nm	605E	1 soft face hammer \varnothing 35 mm	1390
13 \odot 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900/SB13	1 sliding gauge 150 mm	1650
8 \odot 2,5-3-4-5-6-7-8-10 mm	900ME/SB8	1 measuring tape 3 m	1692
8 \odot T9-T10-T15-T20-T25-T27-T30-T40	900TX/SB8	1 second cut files 200 mm	1719BMA8/P
1 1/4" drive extension bar	900/21	1 second cut files 200 mm	1719BMA8/M
1 1/4" drive universal joint	900/25	1 second cut files 200 mm	1719BMA8/R
1 1/4" reversible ratchet \oplus	900/55	1 hacksaw frame, aluminium handle 300 mm	1725
1 Slip joint pliers boxed joints 250 mm	1048	1 snap - off blade utility knife 18 mm	1771

Car repair



M125



M25



M105



M165



M231



M62



M77

Quantity/Description

- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 7 1/2" sockets for Torx® head screws ○ E12-E14-E16-E18-E20-E22-E24
- 10 socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 13 1/2" drive, socket drivers for Torx® head screws ○ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 18 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder ○ 1/4-□1/4
- 1 socket holder ○ 1/4-□3/8
- 1 socket holder ○ 5/16-□1/2
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 4 socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,51,2x8 mm
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 socket drivers for cross head Phillips® screws ● PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ○ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □1/4-■3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 1 1/4" drive spinner handle
- 17 hexagon hand sockets 3/8" ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drivers □3/8-■1/4
- 1 adaptor, 1/2" female and 3/8" male drives □3/8-■1/2
- 1 extension bar - 3/8" 125 mm
- 1 extension bar - 3/8" 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet ⊕
- 21 1/2" square drive hexagon sockets ○ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 2 1/2" wobble extension bar 125-250 mm
- 1 adaptor, 1/2" female and 3/8" male drives □1/2-■3/8
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 3 3/8" square drive spark plug sockets ○ 16-17,8-20,8 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ □ ● ⊕ ⊕ ⊕ ⊕

Beta N.

TR

- 910AL M125
- 920AL M125
- 920FTX M125
- 920PE M125
- 920TX M125
- 920XZN M125
- 42 M25
- 90 M25
- 123Q1/4 M25
- 123Q3/8 M25
- 123Q1/2 M25
- 142 M25
- 96BPC/SC9 M105
- 895/1 M105
- 895/3 M105
- 895/6 M105
- 900 M105
- 900L M105
- 900LP M105
- 900ME M105
- 900PH M105
- 900TX M105
- 900/16 M105
- 900/... M105
- 900/25 M105
- 900/42 M105
- 900/55 M105
- 900BG/30 M105
- 910A M105
- 910/15 M105
- 910/16 M105
- 910/21 M105
- 910/22 M105
- 910/25 M105
- 910/42 M105
- 910/55 M105
- 920A M105
- 920AN M105
- 920/15 M105
- 920/25 M105
- 920/42 M105
- 920/55 M105
- 956E M105
- 860MIX/A31 M165

Quantity/Description

- 1 Slip joint pliers boxed joints 250 mm
- 1 diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 flat knurled nose pliers = 160 mm
- 5 screwdrivers for cross head Phillips® screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ● PH1-PH2-PH3
- 1 screwdriver for cross head Phillips® screws, extra-short series ● PH2
- 4 drivers for Torx® head screws, with handles ○ T20-T25-T27-T30
- 6 pin punches 2-3-4-5-6-8 mm
- 1 centre punch 4 mm
- 3 flat chisels 125-150-75 mm
- 1 cape chisels, standard type 125 mm
- 2 engineer's hammer 500-1000 g
- 1 telescopic magnet with flexible head
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 smooth half - round long needle nose pliers ● 140 mm
- 1 diagonal cutting nippers ✂ 125 mm
- 4 micro-screwdrivers for slotted head screws ● 2,0-2,5-3,0-3,5 mm
- 2 micro-screwdrivers for cross-head Phillips® screws ● 0-00
- 9 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30-T40-T45-T50
- 1 self - locking pliers 240 mm
- 1 adjustable self locking pliers, long jaws 180 mm
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 sliding gauge
- 1 metric feeler gauge
- 1 packing scraper
- 7 double swivel end socket wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 1/2" drive swivel handle
- 1 pry bar with handle 450 mm
- 1 telescopic joint inspection mirror 670 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 brake shoe cleaning brush plastic handle steel wires

Beta N.

TR

- 1048 M165
- 1082BM M165
- 1150BM M165
- 1162BM M165
- 1290 M165
- 1290N M165
- 1292 M165
- 1292N M165
- 1297TX M165
- 31 M231
- 32 M231
- 34 M231
- 36 M231
- 1370 M231
- 1712TF M231
- 1390 M231
- 1692 M125
- 1032 M62
- 1034 M62
- 1036 M62
- 1038 M62
- 1177BM M62
- 1188BM M62
- 1257LP M62
- 1257PH M62
- 97TTX M62
- 1052 M77
- 1058 M77
- 1481PL/A M77
- 1481PL/B M77
- 1481PL/C M77
- 1650 M77
- 1708/20 M77
- 1716P M77
- 80 M77
- 920/36A M77
- 965 M77
- 1715 M231
- 1719BMA8/M M231
- 1719BMA8/P M231
- 1719BMA8/Q M231
- 1719BMA8/R M231
- 1719BMA8/T M231
- 1737NX M231

5935ET/1MB

assortment of 95 tools for tool chest C35, in soft foam trays

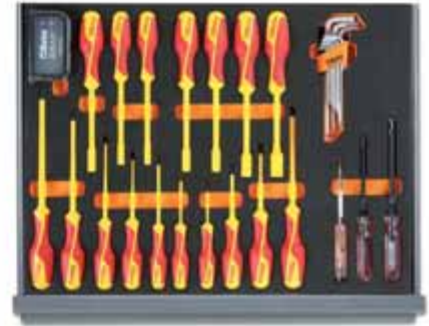
Electrotechnical maintenance



MB57



MB62



MB63

Quantity/Description

2	pin punches Ø 4-6 mm
1	centre punch Ø 4 mm
2	flat chisels, ribbed type 125-200 mm
1	engineer's hammer 300 g
1	soft face hammer Ø 35 mm
1	measuring tape 5 m
1	second-cut round files 200 mm
1	second-cut half-round files 200 mm
1	second-cut flat files 200 mm
1	second-cut triangular files 200 mm
1	second-cut square files 200 mm
1	hacksaw frame, aluminium handle 420 mm
1	flash light
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
1	slip joint pliers, boxed joint 250 mm
1	diagonal cutting nippers 1000V ∇ 140 mm
1	electrician's scissors, straight blades, with countersink
1	cable cutter 230 mm
1	wire stripping pliers ∇ 160 mm
1	combination pliers 1000V \equiv 180 mm

Beta N.	TR
31	MB57
32	MB57
35	MB57
1370	MB57
1390	MB57
1692	MB57
1719BMA...R	MB57
1719BMA...M	MB57
1719BMA...P	MB57
1719BMA...T	MB57
1719BMA...Q	MB57
1725	MB57
1835	MB57
55	MB62
1048MQ	MB62
1082MQ	MB62
1128BSX	MB62
1132MQ	MB62
1142MQ	MB62
1150MQ	MB62

Quantity/Description

1	extra long needle nose pliers, 1000V, \bullet 160 mm
1	extra long bent needle nose pliers \bullet 160 mm
1	adjustable wrench, 1000V 250 mm
1	utility knife, 1000V
1	bent knurled point spring tweezers, 1000V
1	crimping pliers for insulated terminals
9	ball head offset hexagon key wrenches \odot
1	screwholding screwdriver for slotted head screws \bullet
1	screwholding screwdriver for cross head Phillips® screws \oplus
1	mains testing screwdriver \bullet
6	hexagon nut spinners with handles \odot 5,5-6-7-8-10-13 mm
4	screwdrivers for cross head Phillips® screws, 1000V \oplus
	PH0x60-PH1x80-PH2x100-PH3x150 mm
6	screwdrivers for headless slotted screws, 1000V \bullet 2,5x75-3x100-4x100-5,5x125-6x150-8x175 mm
31	bits with magnetic quick release bit holder in plastic case \bullet
	$\odot \oplus \ominus \otimes$
1	magnetic bit holder, insulated \oplus

Beta N.	TR
1166MQ	MB62
1168MQ	MB62
110MQ	MB62
1777MQ	MB62
993MQ	MB62
1602	MB62
96BPC/SC9	MB63
1250	MB63
1251	MB63
1253	MB63
943MQ	MB63
1272MQ	MB63
1274MQ	MB63
860MIX/A31	MB63
850MQ	MB63

5980ET/A

assortment of 69 tools

Electrotechnical maintenance



7.9 kg

Quantity/Description

- 1 centre punch Ø 4 mm
- 1 flat chisels, ribbed type 150 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 8 offset hexagon key wrenches, long series ○ 1,5+12 mm
- 1 adjustable wrench 200 mm
- 1 magnetic bit holder, insulated ®
- 10 bits with magnetic bit holder in plastic case ● ⊕ ⊕
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 cable cutter 170 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles ● 160 mm
- 1 bent needle nose pliers ● 160 mm
- 1 screwholding screwdriver for slotted head screws ● 4x125 mm
- 1 screwholding screwdriver for cross head Phillips® screws ⊕ PH1x150 mm
- 1 mains testing screwdriver ●

Beta N.

- 32
- 35
- 55/B8
- 96LC/SC8
- 111
- 850MQ
- 860MIX/A10
- 1048MQ
- 1082BM
- 1128BSX
- 1132BM
- 1150BM
- 1166BM
- 1168BM
- 1250
- 1251
- 1253

Quantity/Description

- 5 screwdrivers for cross head Phillips® screws ● 2,5x75 - 3,5x100 - 5,5x125 - 6,5x150 mm
- 1 screwdrivers for slotted head screws, extra-short series ● 4x30 mm
- 4 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x120 - PH2x150 - PH3x150 mm
- 1 screwdrivers for cross head Phillips® screws, extra-short series ⊕ PH2x30 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V ⊕ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 5 screwdrivers for headless slotted screws, 1000V ● 5,5x125 - 3x100 - 4x100 - 6,5x150 - 8x175 mm
- 1 flat chisel with side cutter
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 crimping pliers for insulated terminals
- 1 friction tape 25 m
- 1 measuring tape 5 m
- 1 files 200 mm
- 1 files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 fold - away knife

Beta N.

- 1201
- 1201N
- 1202
- 1202N
- 1272MQ
- 1274MQ
- 1343
- 1370
- 1390
- 1602
- 1639NS-N
- 1692
- 1719BMA/M
- 1719BMA/R
- 1725
- 1777BM

5980ET/A

059800262

Assortment recommended in combination with C12 - 2032TV - 2032VV

Electrotechnical maintenance



3.7 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
3 pin punches Ø 2 - 3 - 4 mm	31	1 engineer's hammer 300 g	1370
1 centre punch Ø 4 mm	32	1 soft face hammer Ø 35 mm	1390
1 flat chisels 150 mm	34	1 crimping pliers for insulated terminals	1602
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8	1 flexible graduated rule 250 mm	1682
9 ball head offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96BPC/SC9	1 engineer's scriber 250 mm	1688
1 deburrer 150 mm	345SB	1 measuring tape 5 m	1692
6 hexagon nut spinners with handles 1000V \odot 5,5 - 6 - 7 - 8 - 10 - 13 mm	943MQ/S6	1 spirit level, made of aluminium 200 mm	1696
1 slip joint pliers, boxed joint 250 mm	1048MQ	1 electrician's chisel 10x200 mm	1701NE3
1 diagonal cutting nippers 1000V ∇ 160 mm	1082MQ	1 chalk line reel	1705
1 electrician's scissors, straight blades, with countersink	1128BSX	1 square flexible inspection mirror 600 mm	1715FL/A
1 cable cutter 230 mm	1132MQ	1 second cut files 200 mm	1719BMA8/M
1 wire stripping pliers ∇ 160 mm	1142MQ	1 second cut files 200 mm	1719BMA8/R
1 combination pliers 1000V \equiv 180 mm	1150MQ	1 spring puller	1723
1 extra long needle nose pliers, 1000V, \bullet 160 mm	1166MQ	1 hacksaw frame, aluminium handle	1726BM
1 mains testing screwdriver \bullet	1253	1 bristle brush	1738
3 screwdrivers for cross head Phillips® screws, 1000V \oplus PH0x60 - PH1x80 - PH2x100 mm	1272MQ	1 fitting tool for nylon ties	1743
4 screwdrivers for headless slotted screws, 1000V \bullet 3x100 - 4x100 - 5,5x125 - 6,5x150 mm	1274MQ	1 plastic oil bottle 80 cc	1755
		100 nylon cable ties 3,6x200 mm	1748/8K
		100 nylon cable ties 4,8x300 mm	1748/17K
		1 snap - off blade utility knife	1771BM
		1 soldering iron 30 W	1814M
		1 LED inspection torch	1835/2

5980 ET/B

059800263

Assortment recommended in combination with C12 - 2029/VV - 2033P/VV - 2036TV

5980MQ

assortment of 46 tools

Electrotechnical maintenance



7 kg

Quantity/Description

- 7 single open end wrenches, 1000V 10 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1 adjustable wrench, 1000V 250 mm
- 6 hexagon nut spinners with handles \odot 5,5 - 6 - 7 - 8 - 10 - 13 mm
- 4 T-handle wrenches with hexagon male ends \odot 4 - 5 - 6 - 8 mm
- 1 bent knurled point spring tweezers, 1000V
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V \angle 160 mm
- 1 electrician's scissors
- 1 wire stripping pliers \angle 160 mm
- 1 combination pliers 1000V \equiv 180 mm
- 1 extra-long bent flat nose pliers \equiv 160 mm
- 1 extra long needle nose pliers, 1000V, \bullet 160 mm

Beta N.

- 52MQ
- 110MQ
- 943MQ
- 951MQ
- 993MQ
- 1048MQ
- 1082MQ
- 1128MQ
- 1142MQ
- 1150MQ
- 1164MQ
- 1166MQ

Quantity/Description

- 1 mains testing screwdriver \bullet
- 4 screwdrivers for cross head Phillips® screws, 1000V \oplus PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 5 screwdrivers for headless slotted screws, 1000V \bullet 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 1 measuring tape 5 m
- 1 200 mm
- 1 mini - hacksaw frame, 1000V
- 2 utility knife, 1000V
- 1 soldering iron 30 W
- 1 high-brightness LED torch
- 1 combination voltage and continuity tester

Beta N.

- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1692
- 1701NE/3
- 1725MQ
- 1777MQ
- 1814M
- 1834PS
- 1847P

5980MQ

059800257

Assortment recommended in combination with 2029/VV

Electronics



Quantity/Description

- 13 small double open end wrenches 4+14 mm
- 9 offset hexagon key wrenches \varnothing 1,5+10 mm
- 1 bent point tweezers 130 mm
- 1 straight thin knurled point pin spring tweezers 150 mm
- 1 cross tweezers 155 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 wire stripping pliers ∇ 160 mm
- 1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm
- 1 flat nose pliers $=$
- 1 smooth half - round long bent needle nose pliers \bullet
- 1 combination pliers \bullet
- 1 diagonal flush cutting nippers \angle
- 1 diagonal cutting nippers \angle
- 1 screwholding screwdriver for slotted head screws \bullet 4x125 mm

Beta N.

- 73/B13
- 96N/SC9
- 991
- 992
- 998
- 1128BSX
- 1142BM
- 1166BM
- 1172BM
- 1178BM/P
- 1178BM
- 1185BM
- 1188BM
- 1250

Quantity/Description

- 1 screwholding screwdriver for cross head Phillips® screws \oplus PH0x125 mm
- 8 micro-screwdrivers
- 1 engineer's hammer 200 g
- 1 measuring tape 5 m
- 1 telescopic joint inspection mirror
- 3 needle files
- 1 spring puller
- 1 bristle brush
- 1 pen oiler
- 1 snap - off blade utility knife
- 1 self-locking round end knurled tool made of stainless steel
- 1 soldering iron 25 W
- 1 de - soldering pump
- 1 LED inspection torch

Beta N.

- 1251
- 1257LPH/S8
- 1370
- 1692
- 1715
- 1720/S3
- 1723
- 1738
- 1756
- 1771
- 1002
- 1814M
- 1830T
- 1835/2

5980EL/B

assortment of 98 tools

Electronics



Quantity/Description

13	small double open end wrenches 4÷14 mm
9	offset hexagon key wrenches \odot 1,5÷10 mm
8	offset key wrenches for Torx® head screws \odot T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
1	adjustable wrench 150 mm
18	set of 13 hexagon sockets and 5 accessories, 1/4" square drive
1	straight thin knurled point spring tweezers 130 mm
1	bent point tweezers 130 mm
1	extra slim short end spring tweezers 120 mm
1	electrician's scissors, straight blades
1	front wire stripping pliers, self - adjusting 170 mm
1	half-round needle nose pliers \equiv 180 mm
1	flat nose pliers \equiv 140 mm
1	smooth half - round long needle nose pliers \bullet 140 mm
1	smooth half - round long bent needle nose pliers \bullet 140 mm
1	diagonal flush cutting nippers, rounded tips ζ 120 mm
1	diagonal flush cutting nippers, slim tips ζ 120 mm
1	end flush oblique cutting nippers ζ
8	micro-screwdrivers
1	mains testing screwdriver \bullet

Beta N.

73/B13
96/SC9
97TX/BG8
111
900/C13-5
990
991
999A
1128BMX
1149F
1150BM
1172BM
1177BM
1178BM/P
1184BM
1186BM
1191BM
1257LPH/S8
1253

Quantity/Description

1	screwdriver for slotted head screws, extra-short series \bullet 6,5x30 mm	1290N
3	screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm	1292
2	screwdriver for cross head Phillips® screws, extra-short series \oplus PH1x30 - PH2x30 mm	1292N
5	screwdrivers for headless slotted screws \bullet 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm	1294
1	engineer's hammer 200 g	1370
1	flexible graduated rule 150 mm	1682
1	engineer's scribe 220 mm	1688
1	measuring tape 5 m	1692
1	telescopic joint inspection mirror 670 mm	1715
1	needle files \bullet	1720R
1	needle files \blacktriangle	1720T
1	needle files \blacksquare	1720P
1	spring puller	1723
1	bristle brush	1738
1	pen oiler	1756
1	snap - off blade utility knife	1771BM
1	fold - away knife	1777BM
1	self - locking tool	1779
1	soldering iron 25W	1814M
1	de - soldering pump	1830T
1	LED inspection torch	1835/2

Beta N.

1290N
1292
1292N
1294
1370
1682
1688
1692
1715
1720R
1720T
1720P
1723
1738
1756
1771BM
1777BM
1779
1814M
1830T
1835/2

5980EL/B

059800242

Assortment recommended in combination with 2029/VV - 2033P/VV - 2036TV

Plumbing maintenance



11.6 kg

Quantity/Description

- 1 flat chisels 150 mm
- 1 flat chisels, ribbed type 200 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
- 1 adjustable wrench 250 mm
- 1 pipe cutter for copper and light alloy pipes \varnothing 3+30 mm
- 1 pipe wrench Swedish pattern 320 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 tin snips 300 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers \equiv 180 mm

Beta N.

- 34
- 35
- 55/S12X
- 111
- 334
- 374
- 1048
- 1052
- 1112
- 1128BMX
- 1150BM

Quantity/Description

- 4 screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x150 - 8x150 mm
- 2 screwdrivers for cross head Phillips® screws \oplus PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape, made of fibre 2 m
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 second-cut half-round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 brake shoe cleaning brush plastic handle steel wires

Beta N.

- 1201
- 1202
- 1370
- 1690F
- 1692
- 1696
- 1719BMA...M
- 1725
- 1737NX

5902MT

Assortment of 106 tools for agricultural, building and earth-moving machinery

Car repairs



28.6 kg

Quantity/Description

- 2 drift punches Ø 3 - 4 mm
- 2 pin punches Ø 6 - 8 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels, ribbed type 150 - 200 mm
- 18 combination wrenches 6+14 - 17 - 19 - 22
24 - 27 - 30 - 32 - 36 - 41 mm
- 10 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 -
16x17 - 18x19 - 20x22 - 24x27 - 30x32 mm
- 10 offset hexagon key wrenches 1,5+12 mm
- 17 1/2" square drive hexagon sockets
10+22 - 24 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive push-through square ratchet
- 11 3/4" square drive hexagon socket 22 - 24 - 27 - 30 - 32 - 36 - 41 -
46 - 50 - 55 - 60 mm
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive swivel handle
- 1 3/4" drive sliding T - handle
- 1 3/4" drive reversible ratchet

Beta N.

- 30
- 31
- 32
- 35
- 42
- 90
- 96N/B10
- 920A
- 920/21
- 920/22
- 920/25
- 920/42
- 920/50
- 928A
- 928/21
- 928/36A
- 928/42
- 928/55

Quantity/Description

- 1 pry bar 964
- 1 Slip joint pliers boxed joints 250 mm 1048
- 1 adjustable self locking pliers, curved jaws 1055
- 1 heavy duty diagonal cutting nippers 160 mm 1084BM
- 1 electrician's scissors, straight blades 1128BMX
- 1 half-round needle nose pliers 180 mm 1150BM
- 1 extra long needle knurled nose pliers, bi-material handles 160 mm 1166BM
- 4 screwdrivers for slotted head screws with hexagon bolsters 1260E
6,5x150 - 8x175 - 10x200 - 12x250 mm
- 3 screwdrivers for cross head Phillips® screws with hexagon bolsters 1262E
PH2x150 - PH3x175 - PH4x200 mm
- 1 ball peen hammer 900 g 1377
- 1 soft face hammer Ø 35 mm 1390
- 1 metric feeler gauge 1708/20
- 1 three - cutting edges scraper 200 mm 1717B
- 5 second cut files 200 mm 1719BMA/S5
- 1 hacksaw frame, aluminium handle 1725

Beta N.

- 964
- 1048
- 1055
- 1084BM
- 1128BMX
- 1150BM
- 1166BM
- 1260E
- 1262E
- 1377
- 1390
- 1708/20
- 1717B
- 1719BMA/S5
- 1725

5902MT

059020043

Assortment recommended in combination with C22S - C23S - C23SC - C39T

5902MT/AS

Assortment of 99 tools for earth-moving machinery (CATERPILLAR)

Car repairs



27.3 kg

Quantity/Description

- 2 drift punches Ø 3 - 4 mm
- 2 pin punches Ø 6 - 8 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels, ribbed type 150 - 200 mm
- 20 combination wrenches 1/4÷1.1/2"
- 6 double ended offset ring wrenches 1/4x5/16 - 3/8x7/16 - 1/2x9/16 - 5/8x3/4 - 11/16x13/16 - 7/8x15/16"
- 11 offset hexagon key wrenches \odot 3/64÷3/8"
- 10 1/2" square drive bi - hex sockets \odot 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive push-through square ratchet \otimes
- 12 hexagon hand sockets 1/4" \odot \square 3/4", 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4 - 1.5/16 1.1/2 - 1.5/8 - 1.11/16 - 1.7/8 - 2"
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive swivel handle
- 1 3/4" drive sliding T - handle
- 1 3/4" drive reversible ratchet \otimes

Beta N.

- 30
- 31
- 32
- 35
- 42AS
- 90AS
- 96AS/B11
- 920AS
- 920/21
- 920/22
- 920/25
- 920/42
- 920/50
- 928AS
- 928/21
- 928/36A
- 928/42
- 928/55

Quantity/Description

- 1 pry bar 964
- 1 Slip joint pliers boxed joints 250 mm 1048
- 1 adjustable self locking pliers, curved jaws 1055
- 1 heavy duty diagonal cutting nippers \angle 160 mm 1084BM
- 1 electrician's scissors, straight blades 1128BMX
- 1 half-round needle nose pliers \equiv 180 mm 1150BM
- 1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm 1166BM
- 4 screwdrivers for slotted head screws with hexagon bolsters \bullet 6,5x150 - 8x175 - 10x200 - 12x250 mm 1260E
- 3 screwdrivers for cross head Phillips® screws with hexagon bolsters \oplus PH2x150 - PH3x175 - PH4x200 mm 1262E
- 1 ball pein hammer 900 g 1377
- 1 soft face hammer Ø 35 mm 1390
- 1 metric feeler gauge 150 - 200 mm 1708/20
- 1 three - cutting edges scraper 200 mm 1717B
- 5 second cut files 200 mm 1719BMA/S5
- 1 hacksaw frame, aluminium handle 1725

5902MT/AS

059020044

Assortment recommended in combination with C22S - C23S - C23SC - C39T

5904VG/1M

assortment of 76 tools

Car repair



Quantity/Description

16	combination wrenches 6÷21 mm
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm
1	heavy duty diagonal cutting nippers 160 mm
1	half-round needle nose pliers 180 mm
1	screwdrivers for slotted head screws 160 mm
8	offset hexagon key wrenches 2-2,5-3-4-5-6-7-8 mm
6	drivers for Torx® head screws, with handles T10-T15-T20-T25-T27-T30
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
1	1/2" wobble extension bar 125 mm
1	1/2" wobble extension bar 250 mm

Beta N.	TR
42	M15
42	M16
1084	M132
1150	M132
1166	M132
96T	M50
97TTX	M55
1201	M220
1202	M220
920AN/125	M83
920AN/250	M83

Quantity/Description

1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet
19	1/2" square drive hexagon sockets
	10÷24 - 26 - 27 - 30 - 32 mm
1	circlip pliers straight, internal 180 mm
1	circlip pliers bent, internal 170 mm
1	circlip pliers straight, external 175 mm
1	circlip pliers bent, external 175 mm
2	flat chisels, ribbed type 100 - 200 mm
1	engineer's hammer 300 g
1	soft face hammer Ø 35 mm

Beta N.	TR
920/25	M83
920/42	M83
920/55	M83
920A	M83
1032	M145
1034	M145
1036	M145
1038	M145
35	M234
1370	M234
1390	M234

5904 VG/1M

059040197

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers
C23ST - C39T - C24SL - C24SL/CAB - C59 - C55

Car repair



M15 M16 VP/M3



M50 M55 M86



M208 M85 M234



M83 M131 M145

Quantity/Description

16 combination wrenches 6+21 mm	42	M15
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	M16
8 offset hexagon key wrenches \varnothing 2-2,5-3-4-5-6-7-8 mm	96T	M50
6 drivers for Torx® head screws, with handles \varnothing T10-T15-T20-T25-T27-T30	97TTX	M55
7 hexagon bits \varnothing 4-5-6-7-8-10-12 mm	867PE	M86
7 hexagon bits \varnothing 4-5-6-7-8-10-12 mm	867PE/L	M86
5 bits with XZN® profile \varnothing 5-6-8-10-12 mm	867XZN	M86
5 bits with XZN® profile \varnothing 5-6-8-10-12 mm	867XZN/L	M86
7 bits for Torx® head screws \varnothing T20-T25-T30-T40-T45-T50-T55	867TX	M86
6 bits for Torx® head screws \varnothing T25-T30-T40-T45-T50-T55	867TX/L	M86
7 bits for Tamper Resistant Torx® head screws \varnothing T20-T25-T30-T40-T45-T50-T55	867RTX	M86
1 bit holder sockets for item 867	867/1	M86
1 bit holder sockets for item 867	867/2	M86
5 screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 4x125 - 5,5x150 - 6,5x150 mm	1260	M208
3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm	1262	M208
1 screwdrivers for slotted head screws, extra-short series \bullet 4x30 mm	1260N	M208
1 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 mm	1262N	M208
5 bits for slotted head screws, coloured \bullet 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm	860LP	M85
8 hexagon bits for power drivers, coloured \varnothing 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	860PE	M85
5 bits for cross head Phillips® screws, coloured \oplus PH0 - PH1 - PH2 - PH3 - PH4	860PH	M85

Quantity/Description

4 bits for cross head Pozidriv® - Supadriv® screws, coloured \oplus PZ1 - PZ2 - PZ3 - PZ4	860PZ	M85
10 bits for Torx® head screws, coloured \varnothing T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	860TX	M85
8 bits for Tamper Resistant Torx® head screws, coloured \oplus T9-T10-T15-T20-T25-T27-T30-T40	860RTX	M85
1 magnetic bit holder with handle 230 mm	851SR	M85
1 reversible bit ratchet 100 mm	860/55	M85
2 flat chisels, ribbed type 100 - 200 mm	35	M234
1 engineer's hammer 300 g	1370	M234
1 soft face hammer \varnothing 35 mm	1390	M234
1 1/2" wobble extension bar 125 mm	920AN/125	M83
1 1/2" wobble extension bar 250 mm	920AN/250	M83
1 1/2" drive universal joint	920/25	M83
1 1/2" drive sliding T-handle	920/42	M83
1 1/2" drive reversible ratchet \oplus	920/55	M83
19 1/2" square drive hexagon sockets \varnothing 10+24 - 26 - 27 - 30 - 32 mm	920A	M83
1 half-round needle nose pliers \equiv 180 mm	1150BM	M131
1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM	M131
1 heavy duty diagonal cutting nippers \angle 160 mm	1084BM	M131
1 circlip pliers straight, internal \varnothing 180 mm	1032	M145
1 circlip pliers bent, internal \varnothing 170 mm	1034	M145
1 circlip pliers straight, external \bullet 175 mm	1036	M145
1 circlip pliers bent, external \bullet 175 mm	1038	M145
1		VPM3

5904VG/2T

Assortment of 99 tools

Car repairs



14.5 kg

Quantity/Description

16	combination wrenches 6+21 mm	42	T15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16
19	1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 30 - 32 mm	920A	T80
5	1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" drive reversible ratchet \oplus	920/55	T80
1	Slip joint pliers boxed joints 250 mm	1048	T153
1	self - locking pliers 240 mm	1052	T153
1	heavy duty diagonal cutting nippers \nless 160 mm	1084	T132
1	screwdrivers for slotted head screws \bullet 160 mm	1166	T132
1	half-round needle nose pliers \equiv 180 mm	1150	T132
1	circlip pliers straight, internal \odot 180 mm	1032	T145
1	circlip pliers straight, external \bullet 175 mm	1036	T145

Beta N. TR

Quantity/Description

1	circlip pliers bent, internal \odot 170 mm	1034	T145
1	circlip pliers bent, external \bullet 175 mm	1038	T145
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer \varnothing 35 mm	1390	T234
4	screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260	T208
3	screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm	1262	T208
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	T33
9	offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	T33
6	offset hexagon key wrenches \odot 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	T52
6	drivers for Torx® head screws, with handles \odot T10 - T15 - T20 - T25 - T27 - T30	97TTX	T55

Beta N. TR

5904 VG/2T

059040191

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 5 - 6 - 7 - 8 drawers
C23ST - C39T - C24SL - C24SL/CAB - C59 - C55

Car repairs



20.7 kg

Quantity/Description

- 6 pin punches Ø 2÷8 mm
- 1 centre punch Ø 5 mm
- 1 flat chisels, ribbed type 200 mm
- 17 combination wrenches 6÷22 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 11 offset hexagon key wrenches 2÷10 mm
- 13 offset key wrenches for Torx® head screws T6÷T50
- 1 adjustable wrench 300 mm
- 13 1/2" square drive hexagon sockets with rail 10÷22 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive push-through square ratchet 20
- 6 T - handle wrenches with swivelling socket 8 - 10 - 12 - 13 - 17 - 19 mm
- 1 pry bar with handle 450 mm
- 2 circlip pliers straight, internal 180 - 225 mm
- 2 circlip pliers bent, internal 170 - 210 mm
- 2 circlip pliers straight, external 175 - 225 mm
- 2 circlip pliers bent, external 175 - 220 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 200 mm
- 1 toggle lever assisted end cutting nippers 200 mm

Beta N.

- 31/B6
- 32
- 35
- 42
- 55
- 96N/SC9
- 96T/SP11
- 97TX/B13
- 111
- 920A/SB13
- 920/21
- 920/22
- 920/25
- 920/42
- 920/50
- 952
- 965
- 1032
- 1034
- 1036
- 1038
- 1048
- 1057A
- 1084BM
- 1092V

Quantity/Description

- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x125 - 6,5x150 mm
- 1 screwdrivers for slotted head screws, extra-short series 6,5x30 mm
- 2 screwdrivers for slotted head screws with hexagon bolsters 8x175 - 10x200 mm
- 3 screwdrivers for cross head Phillips® screws PH0x100 - PH1x120 - PH2x100 mm
- 1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm
- 1 screwdrivers for cross head Phillips® screws with hexagon bolsters PH3x175mm
- 1 screwdriver for cross head Phillips® screws, long series PH2x400 mm
- 1 screwdriver for headless slotted screws, long series 6,5x400 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 45 mm
- 1 adjustable oil filter wrench
- 1 metric feeler gauge
- 5 200 mm
- 1 hacksaw frame, aluminium handle
- 1 metal oil can 200 cc

Beta N.

- 1112
- 1128BMX
- 1150BM
- 1260
- 1260N
- 1260E
- 1262
- 1262N
- 1262E
- 1262L
- 1264L
- 1370
- 1390
- 1491
- 1708/20
- 1719BMA/S5
- 1726BM
- 1751

5904 VG/3

059040192

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 7 - 8 drawers
C24SL - C24SL/CAB - C59 - C55

5904VG/3T

assortment of 102 tools in foam trays

Car repair



T199

T202

T83



T145

T153

T131

T234



T52

T33

T15

T16



T63

VP5

Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 \pm 10 mm
- 6 offset hexagon key wrenches \odot 2-2,5-3-4-5-6 mm
- 8 T - handle wrenches with swivelling socket \odot 7-8-10-12-13-14-17-19 mm
- 19 1/2" square drive hexagon sockets \odot 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet \otimes
- 1 heavy duty diagonal cutting nippers ∇ 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm
- 1 circlip pliers straight, internal \odot 180 mm

Beta N.	TR
42	T15-T16
55	T33
96/SC9	T33
96T	T52
952	T63
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1084BM	T131
1150BM	T131
1166BM	T131
1032	T145

Quantity/Description

- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 1 self - locking pliers 240 mm
- 1 Slip joint pliers boxed joints 250 mm
- 7 screwdrivers for cross head Phillips® screws \bullet 2,5x50 -3x75 -3,5x100 - 4x125 -5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws \otimes PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- empty thermoformed tray

Beta N.	TR
1034	T145
1036	T145
1038	T145
1052	T153
1048	T153
1260	T199
1262	T202
35	T234
1370	T234
1390	T234
VP5	

5904 VG/3T

059040510

Assortment recommended in combination with C24S - C24SA - C33 - C39 with 6 - 7 - 8 drawers C24SL - C24SL/CAB - C59 - C55

Car repairs



T80 T15 T16



T63 VP6



T145 T170 T176 T52



T33 T171 T172 T173



T234 T131 T112 T153

25 kg

Quantity/Description

- 5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 19 1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 30 - 32 mm
- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 8 T - handle wrenches with swivelling socket \odot 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- empty thermoformed tray
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 7 screwdrivers for cross head Phillips® screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 5 drivers for Torx® head screws, with handles \odot T25 - T27 - T30 - T40 - T45
- 6 offset hexagon key wrenches \odot 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

Beta N.	TR
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
42	T15
42	T16
952	T63
VP6	VP6
1032	T145
1034	T145
1036	T145
1038	T145
1290	T170
1297TX	T176
96T	T52
55	T33
96N/SC9	T33

Quantity/Description

- 3 screwdrivers for cross head Phillips® screws \bullet 8x150 - 8x200 - 10x200 mm
- 2 screwdriver for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 screwdrivers for cross head Phillips® screws \oplus PH3x150 - PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series \oplus PH1x30 - PH2x30 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm
- 1 heavy duty diagonal cutting nippers \leq 160 mm
- 8 bits for Torx® head screws \odot T6+T15
- 8 bits for Torx® head screws \odot T20+T55
- 1 socket holder
- 1 socket holder
- 1 1/4" sockets for Torx® head screws \odot E4+E10
- 1 1/2" sockets for Torx® head screws \odot E12+E24
- 1 1/2" drive, socket drivers for Torx® head screws \odot T55L - T60 - T70L
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm

Beta N.	TR
1290	T171
1290N	T171
1292	T172
1292	T173
1292N	T173
35	T234
1370	T234
1390	T234
1150BM	T131
1166BM	T131
1084BM	T131
861TX	T112
866TX	T112
895/1	T112
895/6	T112
900FTX	T112
920FTX	T112
920TX	T112
1048	T153
1052	T153

5905VG/1

Assortment of 94 tools for car body repair shops

Car repairs



20 kg

Quantity/Description

- 1 drift punches Ø 4 mm
- 6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 1 cape chisels, standard type 150 mm
- 17 combination wrenches 6÷22 mm
- 10 offset hexagon key wrenches 1,5÷12 mm
- 1 adjustable wrench 300 mm
- 12 hi-torque hexagon nut spinners, long series 4÷14 mm
- 1 pry bar with handle 450 mm
- 1 Slip joint pliers boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 adjustable self locking pliers, aluminium jaws 280 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 construction worker's pincers 250 mm
- 1 compound leverage shears, straight blades
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdriver for Dzus® head screws
- 4 screwdrivers for cross head Phillips® screws
● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 1 screwdrivers for slotted head screws, extra-short series ● 4x30 mm
- 2 screwdrivers for slotted head screws with hexagon bolsters ● 10x175 - 12x200 mm

Beta N.

- 30
- 31/B6
- 32
- 34
- 36
- 42/S17
- 96/B10
- 111N
- 943BX
- 965
- 1048
- 1052
- 1060AL
- 1084BM
- 1098PL
- 1122
- 1128BMX
- 1150BM
- 1201DZ
- 1260
- 1260N
- 1260E

Quantity/Description

- 3 screwdrivers for cross head Phillips® screws
● PH0x60 - PH1x80 - PH2x100 mm
- 1 screwdrivers for cross head Phillips® screws, extra - short series ● PH1x30 mm
- 1 screwdrivers for cross head Phillips® screws with hexagon bolsters ● PH3x175 mm
- 7 drivers for Torx® head screws ● T6 - T8 - T10 - T15 - T20 - T25 - T30
- 1 curved dolly 1350 g
- 1 toe dolly
- 1 heel dolly
- 1 general purpose dolly
- 1 buffer dolly
- 1 curved angle spoon
- 1 heavy duty spoon
- 1 long double-ended spoon
- 1 body blade holder, with blade 9"
- 1 extra flat chisel with hand guard
- 1 body hammer
- 1 body hammer Ø 32 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m

Beta N.

- 1262
- 1262N
- 1262E
- 1267TX
- 1303
- 1305
- 1306
- 1310
- 1313
- 1326
- 1327
- 1330
- 1338A
- 1342PM
- 1345
- 1357Z/32
- 1370
- 1390
- 1692

5905VG/1

059050158

Assortment recommended in combination with C25

Car repairs



19.5 kg

Quantity/Description

6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder
14	combination wrenches 6+14 - 17 - 19 - 22 - 24 mm
13	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm
3	half - moon ring wrenches 11x13 - 14x17 - 19x22 mm
10	offset hexagon key wrenches \odot 1,5+12 mm
6	drivers for Torx® head screws, with handles \odot T10 - T15 - T20 - T25 - T30 - T40
2	1/2" drive impact sockets \odot 17 - 19 mm
20	1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 28 - 30 - 32 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet \oplus
8	T - handle wrenches with swivelling socket \odot 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm
1	T - handle swivel spark plug wrenches
1	wheel nut wrench \odot 17x19x22x \blacksquare 1/2"
1	circlip pliers straight, internal \odot 180 mm
1	circlip pliers bent, internal \odot 170 mm
1	circlip pliers straight, external \bullet 175 mm

Beta N.

38/B6
42
55
83
96N/B10
97TTX
720
920A
920/21
920/22
920/25
920/42
920/55
952
959
979
1032
1034
1036

Quantity/Description

1	circlip pliers bent, external \bullet 175 mm	1038
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers ∇ 160 mm	1084BM
1	compound leverage shears, straight blades 250 mm	1122
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers \equiv 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM
8	screwdrivers for cross head Phillips® screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
2	screwdrivers for slotted head screws with hexagon bolsters \bullet 10x200 - 12x250 mm	1260E
1	screwdrivers for slotted head screws, extra-short series \bullet 6,5x30 mm	1260N
4	screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
1	engineer's hammer 400 g	1370
1	soft face hammer \varnothing 35 mm	1390
1	adjustable oil filter wrench	1491
1	circuit tester 3=48 V	1498

5905 VG/2

059050144

Assortment recommended in combination with C25

Car repair



Quantity/Description

Beta N. TR

16	combination wrenches 6÷21 mm	42	T15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
5	1/2" drive, socket drivers for hexagon screws 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" drive reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
1	circlip pliers straight, internal 180 mm	1032	T145
1	circlip pliers bent, internal 170 mm	1034	T145
1	circlip pliers straight, external 175 mm	1036	T145
1	circlip pliers bent, external 175 mm	1038	T145
1	circlip pliers straight, internal 140 mm	1032	T146
1	circlip pliers straight, internal 225 mm	1032	T146
1	circlip pliers straight, external 140 mm	1036	T146
1	circlip pliers straight, external 225 mm	1036	T146
9	screwdrivers for cross head Phillips® screws 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	T167
2	screwdrivers for slotted head screws, extra-short series 4x30 - 6,5x30 mm	1260N	T167
7	screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1262	T168
2	screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm	1262N	T168
8	T - handle wrenches with swivelling socket 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952	T63
2	screwdriver for cross head Phillips® screws, long series PH1x400 - PH2x400 mm	1262L	T209
3	screwdriver for headless slotted screws, long series 3x300 - 4x400 - 5x400 mm	1264L	T209
6	drivers for Torx® head screws, with handles T10-T15-T20-T25-T27-T30	97TTX	T55
13	1/2" drive impact sockets 10-11-12-13-14-16-17-18-19-21-22-23-24 mm	720	T110
1	1/2" drive impact extension bar 125 mm	720/21	T110

Quantity/Description

Beta N. TR

5	socket drivers for hexagon screws 5L - 6L - 7L - 8L - 10L	920PE	T113
4	1/2" drive, socket drivers for Torx® head screws T40L - T45L - T55L - T70L	920TX	T113
3	socket drivers with XZN® profile 6M6L - M8L - M12L	920XZN	T113
5	second cut files 200 mm	1719BMA8/S5	T236
1	adjustable oil filter wrench 110 mm	1491	T264
1	square oil drain plug socket 10 mm	1494	T264
7	male hexagon oil drain plug sockets 8-9-10-11-12-14-17 mm	1494E	T264
4	male square oil drain plug sockets 8-9,5-12-13 mm	1494Q	T264
1	male triangular oil drain plug socket Δ	1494T	T264
1	male oil drain plug socket with XZN® profile 6	1494XZN	T264
1	oil plug wrenches	1496/C	T264
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	Slip joint pliers boxed joints 250 mm	1048	T153
1	self - locking pliers 240 mm	1052	T153
1	half-round needle nose pliers 180 mm	1150	T132
1	screwdrivers for slotted head screws 160 mm	1166	T132
1	heavy duty diagonal cutting nippers 160 mm	1084	T132
11	3/4" square drive hexagon socket 22-24-27-30-32-34-36-38-41-46-50 mm	928A	T105
1	3/4" drive extension bar 200 mm	928/21	T106
1	3/4" drive extension bar 380 mm	928/22	T106
1	3/4" drive sliding T - handle 450 mm	928/42	T106
1	3/4" drive reversible ratchet	928/55	T106
1	empty thermoformed tray	VP6	VP6
4	offset hexagon key wrenches 13-14-17-19 mm	96N	
1	adjustable wrench 300 mm	111	
1	pry bar with handle	965	
1	tin snips 250 mm	1112	
1	electrician's scissors, straight blades	1128BMX	
1	engineer's hammer 1000 g	1370	
1	metric feeler gauge	1708/20	
1	telescopic magnet with flexible head	1712	
1	telescopic joint inspection mirror	1715	
1	three - cutting edges scraper 200 mm	1717B	
1	hacksaw frame, aluminium handle 440 mm	1726	
1	brake shoe cleaning brush plastic handle steel wires	1737NX	
1	metal oil can 200 cl	1751	
1	snap - off blade utility knife	1771	

Car repairs



Quantity/Description

16	combination wrenches 6÷21 mm
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm
6	double swivel end socket wrenches 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
1	adjustable oil filter wrench 110 mm
1	square oil drain plug socket 10 mm
7	male hexagon oil drain plug sockets 8-9-10-11-12-14-17 mm
4	male square oil drain plug sockets 8-9,5-12-13 mm
1	male triangular oil drain plug socket Δ
1	male oil drain plug socket with XZN® profile ○
1	oil plug wrenches
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet ⊗
19	1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm
1	circclip pliers straight, internal ○ 180 mm
1	circclip pliers bent, internal ○ 170 mm
1	circclip pliers straight, external ● 175 mm
1	circclip pliers bent, external ● 175 mm
1	circclip pliers straight, internal ○ 140 mm
1	circclip pliers bent, internal ○ 225 mm
1	circclip pliers straight, external ● 140 mm
1	circclip pliers bent, external ● 225 mm
6	drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30
12	swivel end ratcheting combination wrenches 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
1	half-round needle nose pliers = 180 mm

Beta N. Quantity/Description

42	1 extra long needle knurled nose pliers, bi-material handles ● 160 mm
42	1 heavy duty diagonal cutting nippers ⊠ 160 mm
80	1 slip joint pliers, push button alignment 240 mm
1491	1 self - locking pliers 240 mm
1494	8 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
1494E	9 screwdrivers for cross head Phillips® screws ● 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
1494Q	2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
1494T	1 pin punches
1494XZN	7 screwdrivers for cross head Phillips® screws
1496/C	● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
920ME	2 screwdrivers for cross head Phillips® screws, extra - short series
920/21	● PH1x30 - PH2x30 mm
920/22	1 adjustable wrench 250 mm
920/25	1 1/2" drive swivel T-handle
920/42	1 1/2" drive swivel T-handle
920/55	6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
920A	4 T handle wrenches with swivelling hexagon male ends ○ 4-5-6-8 mm
1032	2 engineer's hammer 300-500 g
1034	2 screwdriver for cross head Phillips® screws, long series ● PH1x400 - PH2x400 mm
1036	3 screwdriver for headless slotted screws, long series ● 3x300 - 4x400 - 5x400 mm
1038	1 ball head offset hexagon key wrenches ○
1032	1 click-type torque wrenches with reversible ratchets 8 ÷ 60 Nm
1034	1 click-type torque wrenches with reversible ratchets 60 ÷ 330 Nm
1036	1 impact sockets
1038	1 adaptor, 1/2" female and 3/8" male drives
97TTX	1 assortment of 12 sockets and 5 accessories 3/4"
142SN	1 lever with articulated, flat, curved head
1150BM	1 dead blow hammer Ø 50 mm
	1 Reversible impact wrench, made from composite material 127

Beta N.

1166BM
1084BM
1047
1057A
952
1260
1260N
31/B6
1262
111
920/40
951
953
1370
1262L
1264L
96BPC/SC9
666N/5
666N/30
720/C12
910/16
928A/C12
966/C3
1392
1927P

5935VG/1MB

assortment of 98 tools for tool chest C35, in soft foam trays

Car repair



MB11



MB36



MB46

Quantity/Description	Beta N.	TR	Quantity/Description	Beta N.	TR
21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	42	MB11	1 flat chisels, ribbed type 200 mm	35	MB36
8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55	MB11	1 heavy duty diagonal cutting nippers ∇ 160 mm	1084BM	MB36
1 Slip joint pliers boxed joints 250 mm	1048	MB11	1 half-round needle nose pliers \equiv 180 mm	1150BM	MB36
18 1/2" square drive hexagon sockets \odot 10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm	920A	MB36	1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM	MB36
1 1/2" wobble extension bar 125 mm	920AN/125	MB36	1 engineer's hammer 500 g	1370	MB36
1 1/2" wobble extension bar 250 mm	920AN/250	MB36	1 soft face hammer 35 mm	1390	MB36
1 1/2" drive universal joint	920/25	MB36	4 screwdrivers for cross head Phillips® screws \bullet 3x75-4x100-5x125-6,5x150 mm	1260	MB46
1 1/2" drive sliding T-handle	920/42	MB36	3 screwdrivers for cross head Phillips® screws \oplus PH0x60-PH1x80--PH2x100 mm	1262	MB46
1 1/2" drive reversible ratchet \otimes	920/55	MB36	6 drivers for Torx® head screws \odot T8-T10-T15-T20-T25-T30	1267TX	MB46
5 socket drivers for hexagon screws \odot 5-6-8-10-12 mm	920PE	MB36	9 ball head offset hexagon key wrenches \odot	96BPC/SC9	MB46
1 circlip pliers straight, internal \odot 180 mm	1032	MB36	6 offset hexagon key wrenches \odot 2-2,5-3-4-5-6	96T	MB46
1 circlip pliers bent, internal \odot 170 mm	1034	MB36	1 self - locking pliers 240 mm	1052	MB46
1 circlip pliers straight, external \bullet 175 mm	1036	MB36			
1 circlip pliers bent, external \bullet 175 mm	1038	MB36			

5935 VG/1MB

059350321

Assortment recommended in combination with C35

Motorcycle repairs



Quantity/Description

1	drift punches Ø 2 mm	Beta N.	30
1	centre punch Ø 4 mm		32
1	flat chisels 125 mm		34
10	combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm		42
6	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm		55
9	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	
1	click-type torque wrenches with reversible ratchets 3/8", 8+60 Nm	666N/5	
54	assortment of 52 hexagon bits, 10 mm, and 2 accessories	867/C52	
17	assortment of 12 sockets and 5 accessories	920A/C12X	
1	adaptor, 1/2" female and 3/8" male drives	910/16	
2	3/8" square drive spark plug sockets 16 - 17,8 mm	956E	
1	extra - long nose pliers 283 mm	1009L/A	
2	circlip pliers straight, internal 140 - 180 mm	1032	

Quantity/Description

1	circlip pliers straight, external 140x1,3 mm	Beta N.	1036
1	diagonal cutting nippers 160 mm		1082
	electrician's scissors, straight blades		1128BM
1	half-round needle nose pliers 180 mm		1150
1	screwdriver for Dzus® head screws		1201DZ
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x100 - 6,5x150 mm		1201
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm		1202
1	circuit testing screwdriver		1254
1	engineer's hammer 300 g		1370
	adjustable oil filter wrench		1491
1	metric feeler gauge		1708/13
1	mini hacksaw frame		1725CR
1	brush, brass wires		1737
1	plastic oil can 250 cc		1754

5940SBK

059400082

Assortment recommended for use with items C41S - C41H - C42S - C42H

5941VU/M

assortment of 64 tools for trolley C41, in soft foam trays

Universal use



Quantity/Description	Beta N.	TR	Quantity/Description	Beta N.	TR
16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm	42	MC11	1 diagonal cutting nippers \angle 160 mm	1082BM	
9 offset hexagon key wrenches \odot	96/SC9	MC11	1 electrician's scissors, straight blades 145 mm	1128BMX	
1 measuring tape 5 m	1692/5	MC11	1 half-round needle nose pliers \equiv 180 mm	1150BM	
19 1/2" square drive hexagon sockets \odot 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm	920A	MC21	1 extra long needle knurled nose pliers, bi-material handles \bullet 160 mm	1166BM	
1 1/2" drive universal joint	920/25	MC21	3 screwdrivers for cross head Phillips® screws \bullet 3,5x100-5,5x125-6,5x150 mm	1260	
1 1/2" drive sliding T-handle	920/42	MC21	3 screwdrivers for cross head Phillips® screws \oplus PH0-PH1-PH2	1262	
1 1/2" drive reversible ratchet \otimes	920/55	MC21	1 engineer's hammer 300 g	1370	
2 1/2" wobble extension bar 125-250 mm	920AN	MC21	1 snap - off blade utility knife 18 mm	1771	
1 adjustable wrench 250 mm	111				
1 Slip joint pliers boxed joints 250 mm	1048				

5941 VU-M

059410001

Assortment recommended in combination with C41H

Car repair



Quantity/Description

1	pin punches with handles 4 mm	31BM
5	combination wrenches 8-10-13-17-19 mm	42
9	ball head offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9
2	reversible ratcheting combination wrenches 10-13 mm	142
1	hi-torque hexagon nut spinners short series \odot 7 mm	942BX
1	T-handle spark plug wrenches with swivelling sockets 20,8 mm	957
1	slip joint pliers 250 mm	1048V
1	self - locking pliers 240 mm	1052
1	diagonal cutting nippers \sphericalangle 160 mm	1082
1	electrician's scissors, straight blades 145 mm	1128BMX
1	half-round needle nose pliers \equiv 180 mm	1150
1	screwdrivers for slotted head screws \bullet 160 mm	1166

Quantity/Description

4	screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x125 - 5,5x150 - 6,5x150 mm	1201
4	screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x00 - PH3x150 mm	1202
1	engineer's hammer 400 g	1370
1	soft face hammer \varnothing 35 mm	1390
1	spring pulling hook wrench 155 mm	1410M
1	measuring tape 3 m	1692/3
1	files 200 mm	1719BMD8/P
1	nylon cable ties 100 mm	1748/3K
1	nylon cable ties 300 mm	1748/9K
1	hacksaw frame, aluminium handle 300 mm	1725
1	snap - off blade utility knife 18 mm	1771

5941KART

059410011

Assortment recommended in combination with C9 - C10 - C10S - C11 - CP15 - CP15PL - C16 - CP17 - CP17L - C18

Car repairs



24.6 kg

Quantity/Description

5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm
1	centre punch Ø 4 mm
1	flat chisels 150 mm
18	combination wrenches 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
3	half - moon ring wrenches 11x13 - 14x17 - 19x22 mm
12	offset hexagon key wrenches \odot 2÷10 mm
11	offset hexagon key wrenches \odot 2÷8 - 10 mm
20	1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 28 - 30 - 32 mm
5	1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet \odot
10	T - handle wrenches with swivelling socket \odot 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
2	T - handle swivel spark plug wrenches 16 - 20,8 mm
1	wheel nut wrench \odot 17x19x22x \blacksquare 1/2"
2	circlip pliers straight, internal \odot 140 - 180 mm
1	circlip pliers bent, internal \odot 170 mm
2	circlip pliers straight, external \bullet 140x1,3 - 175 mm
1	circlip pliers bent, external \bullet 175 mm
1	Slip joint pliers boxed joints 250 mm
1	self - locking pliers 240 mm

Beta N.

31
32
34
42
55
83
96
96T
920A
920ME
920/21
920/22
920/25
920/42
920/55
952
959
979
1032
1034
1036
1038
1048
1052

Quantity/Description

1	heavy duty diagonal cutting nippers \leq 160 mm	1084BM
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers \equiv 180 mm	1150BM
5	screwdrivers for cross head Phillips® screws \bullet 3x75 - 4x100 - 5,5x125 - 6,5x150 - 10x200 mm	1260
2	screwdrivers for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm	1260N
4	screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
2	screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 - PH2x30 mm	1262N
1	screwdriver for cross head Phillips® screws, long series \oplus PH2x400 mm	1262L
1	screwdriver for headless slotted screws, long series \bullet 6,5x400 mm	1264L
1	engineer's hammer 400 g	1370
1	soft face hammer Ø 35 mm	1390
1	circlip pliers for butt - ended circlips	1458
1	adjustable oil filter wrench	1491
1	crimping pliers for non insulated terminals	1603
1	metric feeler gauge	1708/13
1	flexible magnetic pick-up tool 0,5 kg	1712E/1
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1726BM
1	plastic oil can 250 cc	1754

5953VG

059530085

Assortment recommended in combination with C53VG

Car repairs



18.9 kg

Quantity/Description

5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm
1	centre punch Ø 4 mm
1	flat chisels 125 mm
18	combination wrenches 6x22 - 24 mm
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
3	double ended offset ring wrenches 12x13 - 14x15 - 17x19 mm
13	offset hexagon key wrenches ○ 2+10 - 12 mm
3	1/2" drive impact sockets ○ 17 - 19 - 22 mm
1	3/8" drive swivel T - handle
20	1/2" square drive hexagon sockets ○ 10+24 - 26 - 27 - 28 - 30 - 32 mm
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet Ⓢ
4	hi-torque hexagon nut spinners, long series ○ 6 - 7 - 8 - 10 mm
10	T - handle wrenches with swivelling socket ○ 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
3	3/8" square drive spark plug sockets ○ 16 - 17,8 - 20,8 mm
1	pry bar
1	circlip pliers straight, internal ○ 180 mm
1	circlip pliers bent, internal ○ 170 mm
1	circlip pliers straight, external ● 175 mm
1	circlip pliers bent, external ● 175 mm
1	Slip joint pliers boxed joints 250 mm
1	self - locking pliers 240 mm

Beta N.

31
32
34
42
55
90
96
720
910/40
920A
920/21
920/22
920/25
920/42
920/55
943BX
952
956E
964
1032
1034
1036
1038
1048
1052

Quantity/Description

1	adjustable self locking pliers, long jaws 180 mm
1	diagonal cutting nippers ≤ 160 mm
1	electrician's scissors, straight blades
1	half-round needle nose pliers = 180 mm
1	extra long needle knurled nose pliers, bi-material handles ● 160 mm
1	circuit testing screwdriver ● 6+24V
6	screwdrivers for cross head Phillips® screws ● 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 10x200 mm
1	screwdrivers for slotted head screws, extra-short series ● 6,5x30 mm
3	screwdrivers for cross head Phillips® screws Ⓢ PH0x60 - PH1x80 - PH2x100 mm
1	screwdrivers for cross head Phillips® screws, extra - short series Ⓢ PH2x30 mm
5	drivers for Torx® head screws ○ T8 - T10 - T15 - T20 - T25
1	engineer's hammer 300 g
1	dead blow hammer Ø 35 mm
1	brake spring pliers 210 mm
1	crimping pliers for non insulated terminals
1	measuring tape 5 m
1	metric feeler gauge
1	flexible magnetic pick-up tool 1,8 kg
6	needle files 160 mm
1	plastic oil can 150 cc

Beta N.

1058
1082BM
1128BMX
1150BM
1166BM
1254
1260
1260N
1262
1262N
1267TX
1370
1392
1470
1603
1692
1708/20
1712E/2
1720/B6
1754

5954VG

059540085

Assortment recommended in combination with C54VG

Car repairs



36.6 kg

Quantity/Description

6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder
17	combination wrenches 6÷22 - 24 - 27 - 30mm
12	double open end wrenches 6x7 ÷ 30x32 mm
8	offset hexagon key wrenches 2 ÷ 10 mm
1	offset hexagon key wrenches 2,5 ÷ 12 mm
8	offset key wrenches, for Torx® head screws T9 ÷ T40
5	M5 ÷ M12
1	adjustable wrench 250 mm
1	click-type torque wrenches with reversible ratchets 1/2", 40÷200 Nm
13	1/2" square drive bi-hex sockets with rail 10÷22 mm
8	1/2" square drive bi-hex sockets with rail 23÷32 mm
4	1/2" socket drivers for slotted head screws 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm
3	1/2" socket drivers for Phillips® screws PH2 - 3 - 4
1	1/2" drive extension bar 125 mm
1	1/2" drive extension bar 255 mm
1	1/2" drive universal joint
1	1/2" drive sliding T-handle
1	1/2" drive reversible ratchet
2	1/2" drive impact sockets 17 - 19 mm
10	T - handle wrenches with swivelling socket 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
3	T - handle swivel spark plug wrenches 14 - 16 - 20,8 mm
1	pry bar
1	wheel nut wrench 1/2" - 17 - 19 - 22 mm
2	circlip pliers straight, internal 140 - 180 mm
2	circlip pliers bent, internal 130 - 170 mm
2	circlip pliers straight, external 140x1,3 - 175 mm
2	circlip pliers bent, external 135x1,3 - 175 mm
1	Slip joint pliers boxed joints 250 mm
1	self - locking pliers 240 mm

Beta N.

31/SP6
38/SP6
42
55/S12X
96T/S8
96N/G7
97TX/SC8
98XZN/B5
111
666N/20
920B/SB13
920B/SB8
920LP
920PH
920/21
920/22
920/25
920/42
920/55
720
952
959
963
979
1032
1034
1036
1038
1048
1052

Quantity/Description

1	diagonal cutting nippers 160 mm	1082BM
1	heavy duty diagonal cutting nippers 160 mm	1084BM
1	toggle lever assisted end cutting nippers 180 mm	1092V
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles 160 mm	1166BM
1	bent needle nose pliers 160 mm	1168BM
7	screwdrivers for cross head Phillips® screws 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
4	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 PH3x150 mm	1262
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer Ø 35 mm	1390
11	roller stud extractors M5÷M16 mm	1433/C11
1	adjustable oil filter wrench	1491
1	circuit tester	1498
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/20
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	two cutting edges scraper 200 mm	1717A
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751
1	snap - off blade utility knife	1771
1	sliding gauge	1650

5957VG

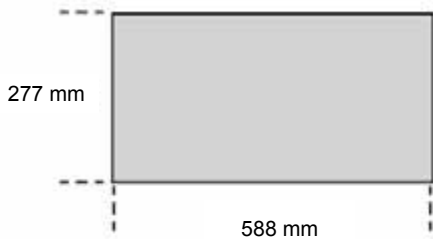
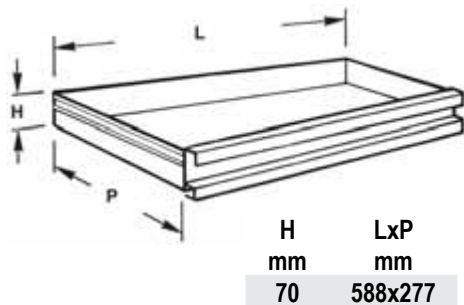
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Assortment recommended for use with items C57S A - C57S B - C57SP - C55PSP

Soft thermoformed trays M-series



Assortment of tools in thermoformed trays, designed for roller cabs C22S, C23S, C23SC.



MC10

34



42	6-7-8-9-10-11-12 13-14-15-16-17 18-19-21-22 mm
96/SC9	1,5-2-2,5-3-4-5-6-8-10 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1201	3,5x100-5,5x150-6,5x150 mm
1202	PH0x60-PH1x80-PH2x100 mm

3,5 kg



MC10	1 027500010
MCV10	1 027510010

MC11

26



42	6-7-8-9-10-11-12-13-14-15-16-17-18-19- 21-22 mm
96/SC9	1,5-2-2,5-3-4-5-6-8-10 mm
1692/5	5 m



MC11	1 041500011
MCV11	1 041510011

MC20

74



860MIX/A31

895/1	
1048	250 mm
1370	300 g
32	Ø 4 mm
36	Ø 4 mm
900	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/21	150 mm
900/25	
900BG/30C	
900/42	
900/55	
920A	10-11-12-13-14-15-16-17-18-19-21-22- 24-27-30-32 mm
920/25	
920AN/125	125 mm
920/42	
920/55	

6 kg

12"



MC20	1 027500020
MCV20	1 027510020

MC21

24



920A	10-11-12-13-14-15-16-17-18-19-20-21- 22-23-24-26-27-30-32 mm
920/25	
920/42	
920/55	
920AN	125-250 mm

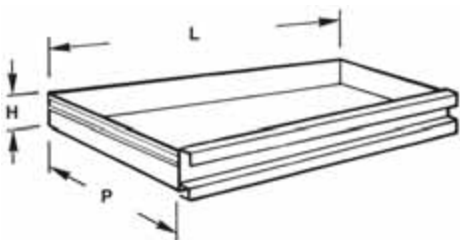


MC21	1 041500021
MCV21	1 041510021

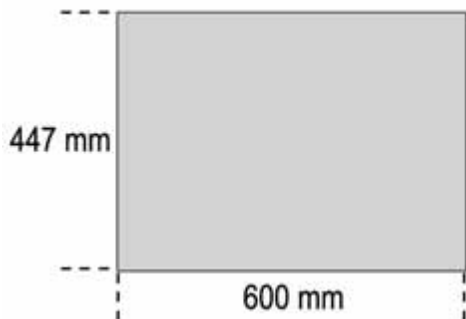
Soft thermoformed trays M-series



Assortment of tools in thermoformed trays, designed C35.



H	LxP
mm	mm
70	600x447



Beta

Beta

MB11

30



42	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
1048	250 mm

5,4 kg



MB11	1	024504211
MBV11	1	024524211

MB34

52



920A	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
920/21	125 mm
920/22	150 mm
920/25	
920/42	
920/55	
111	250 mm
1052	240 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
900	4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/55	
900/42	

7,0 kg



MB34	1	024504234
MBV34	1	024524234

MB35

80



96T	2-2,5-3-4-5-6-7-8 mm
851SR	230 mm
860LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
860PE	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
860PH	PH0 - PH1 - PH2 - PH3 - PH4
860PZ	PZ1 - PZ2 - PZ3 - PZ4
860RTX	T9-T10-T15-T20-T25-T27-T30-T40
860TX	T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
860/55	100 mm
882P	80 mm
892/0	
920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
920/21	125 mm
920/22	250 mm
920/25	
920/42	
920/55	
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm

5,9 kg



MB35	1	024504235
MBV35	1	024524235

MB36

39



920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
920/21	125 mm
920/22	250 mm
920/25	
920/42	
920/55	
920PE	5-6-8-10-12 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
35	200 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1370	500 g
1390	35 mm

7,2 kg



MB36	1	024504236
MBV36	1	024524236

MB44

34



- 1260 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm
- 1260N 4x30-6,5x30 mm
- ⊕ 1262 PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm
- ⊕ 1262N PH1x30-PH2x30 mm
- 1253
- 96BPC/SC9
- 951 2,5-3-4-5-6-8 mm

2,8 kg



MB44 1 024504244
MBV44 1 024524244

MB45

29



- 1260 2,5x50-3x75-3,5x100-4x100-5,5x100-5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm
- ⊕ 1267TX T8-T10-T15-T20-T25-T30
- 1052 240 mm
- 96BPC/SC9

2,8 kg



MB45 1 024504245
MBV45 1 024524245

MB46

29



- 1260 3x75-4x100-5,5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH1x80-PH2x100 mm
- ⊕ 1267TX T8-T10-T15-T20-T25-T30
- 96BPC/SC9
- 96T 2-2,5-3-4-5-6
- 1052 240 mm

2,8 kg



MB46 1 024504246
MBV46 1 024524246

MB47

48



- 1260 3x75-4x100-5,5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH1x80-PH2x100 mm
- 1260N 4x30 mm
- ⊕ 1262N PH1x30 mm
- 96T 2,5-3-4-5-6-8 mm
- 96BPC/SC9
- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 250 mm
- 920/25
- 920/42
- ⊕ 920/55

5,6 kg



MB47 1 024504247
MBV47 1 024524247

MB55

17



- 31 Ø 2-3-4-5-6 mm
- 32 Ø 4 mm
- 35 200 mm
- 1112 250 mm
- 1128BMX
- 1370 500 g
- 1390 Ø 45 mm
- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1726 440 mm

4,5 kg



MB55 1 024504255
MBV55 1 024524255

MB56

15



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1370T 300 g
- 1390N Ø 35 mm
- 35 200 mm
- 1692 5 mt
- 1725 260 mm
- 1771 18 mm

3,7 kg



MB56 1 024504256
MBV56 1 024524256

MB57

15



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 31 Ø 4-6 mm
- 32 Ø 4 mm
- 35 125-200 mm
- 1370 300 g
- 1390 Ø 35 mm
- 1692 5 mt
- 1725 420 mm
- 1835

3,4 kg

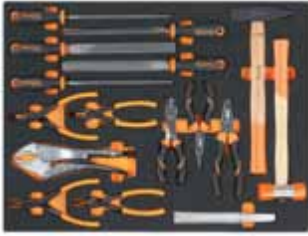


MB57 1 024504257
MBV57 1 024524257



MB61

16



■ 1719BMA/Q	200 mm
■ 1719BMA/P	200 mm
▲ 1719BMA/T	200 mm
► 1719BMA/M	200 mm
● 1719BMA/R	200 mm
35	200 mm
○ 1032	180 mm
○ 1034	170 mm
● 1036	175 mm
● 1038	175 mm
1052	240 mm
◁ 1084BM	160 mm
≡ 1150BM	180 mm
● 1166BM	160 mm
1370	500 g
1390	Ø 35 mm

4,8 kg



MB61	1 024504261
MBV61	1 024524261

MB62

20



55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
1048MQ	250 mm
◁ 1082MQ	140 mm
1128BSX	
1132MQ	230 mm
◁ 1142MQ	160 mm
≡ 1150MQ	180 mm
● 1166MQ	160 mm
● 1168MQ	160 mm
110MQ	250 mm
1777MQ	
993MQ	
1602	

4,1 kg



MB62	1 024504262
MBV62	1 024524262

MB63

60



○ 96BPC/SC9	
● 1250	4x125 mm
● 1251	PH1x150 mm
● 1253	
○ 943MQ	5,5-6-7-8-10-13 mm
● 1272MQ	PH0x60-PH1x80-PH2x100-PH3x150 mm
● 1274MQ	2,5x75-3x100-4x100-5,5x125-6,5x150-8x175 mm
● 860LP	0,5x3 - 0,6x4 - 0,8x5,5 1,0x5,5 - 1,2x6,5 mm
○ 860PE	2 - 2,5 - 3 - 4 - 5 - 6 8 - 10 mm
● 860PH	PH0 - PH1 - PH2 - PH3 - PH4
● 860PZ	PZ1 - PZ2 - PZ3 - PZ4
● 860RTX	T9 - T10 - T15 - T20 T25 - T27 - T30 - T40
882MSR/50	○ 1/4 ● 1/4
● 850MQ	

3,2 kg

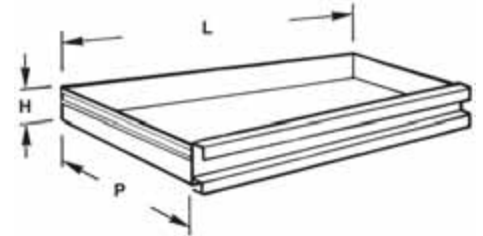


MB63	1 024504263
MBV63	1 024524263

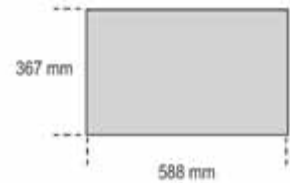
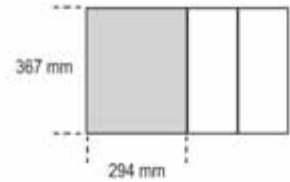
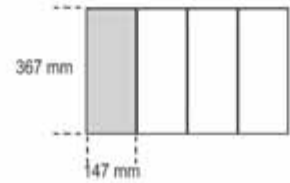
Soft thermoformed trays M-series

Assortment of tools in thermoformed trays, designed for all roller cabs and trolleys.

The heights of drawers C1 and C2 are shown in order to choose the most suitable thermoformed tray. Near each thermoformed tray you will find the height of the drawer it is suitable for.



	H mm	LxP mm
C1	50	588x367
C2	70	588x367



9899C1/4

plastic toolbox, empty, for hard and soft foam trays, 1/4 drawer

• Suitable for all types of T and M series foam trays, 1/4 drawer



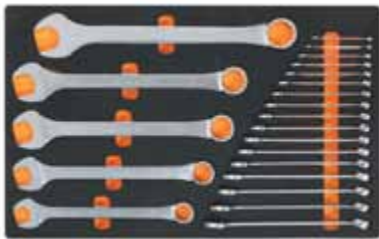
9899C1/4

1 098990606



M10

22



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm

C2



4,5 kg

M10 1 024500010
MV10 1 024510010

M15

16



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm

C2



1,5 kg

M15 1 024500015
MV15 1 024510015

M16

5



42 22-24-27-30-32 mm

C2



2,1 kg

M16 1 024500016
MV16 1 024510016

M30

31



55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm

90 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm

○96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

C2



4,2 kg

M30 1 024500030
MV30 1 024510030

Beta

M25

40



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm

90 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm

123Q1/4

123Q3/8

123Q1/2

142 8-9-10-11-12-13-14-15-16-17-18-19 mm



M25 1 024500873
MV25 1 024510873

M31

27



42AS 1/4-9/32-5/16-3/8-7/16-1/2-9/16-19/32-5/8-11/16-3/4-13/16-7/8-15/16-1-1-1/16-1-1/8-1-1/4
○96BP/AS-SC9 1/16-3/32-1/8-5/32-3/16-7/32-1/4-5/16-3/8



M31 1 024500031
MV31 1 024510031

M33

17



55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
○96/SC9 1,5+10 mm



1,1 kg

M33 1 024500033
MV33 1 024510033

M38

4



55 21x23-24x26-27x29-30x32 mm

C1-C2



1,7 kg

M38 1 024500038
MV38 1 024510038

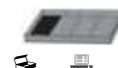
M40

7



90 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm

C2



810 g

M40 1 024500040
MV40 1 024510040

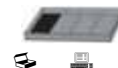
M45

12



142 8-9-10-11-12-13-14-15-16-17-18-19 mm

C2



1,3 kg

M45 1 024500045
MV45 1 024510045

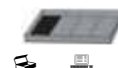
M46

12



142SN 8-9-10-11-12-13-14-15-16-17-18-19 mm

C2



1,4 kg

M46 1 024500046
MV46 1 024510046

M50



○ 96T

2-2,5-3-4-5
6-7-8 mm



1,1 kg

C1-C2

M50	1	024500050
MV50	1	024510051

M52



○ 96T

2,5-3-4-5-6 mm



330 g

C1-C2

M52	1	024500052
MV52	1	024510052

M53



○ 96TBP

2,5-3-4-5-6 mm



350 g

C1-C2

M53	1	024500053
MV52	1	024510052

M55



○ 97TTX

T10-T15-T20-T25-T30



330 g

C1-C2

M55	1	024500055
MV55	1	024510055

M60



○ 96T

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

○ 97BTX/SC8

T9-T10-T15-T20-T25-T27-T30-T40

○ 944BX

5-6-7-8-10-13 mm



1,9 Kg

C1-C2

M60	1	024500060
MV60	1	024510060

M62



97TTX	T10-T15-T20-T25-T27-T30-T40-T45-T50
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1177BM	140 mm
1188BM	125 mm
1257LP	2-2,5-3-3,5 mm
1257PH	0-00



M62	1	024500875
MV62	1	024510875

M63



○ 952 7-8-10-12-13-14-17-19 mm

3,4 kg

C1-C2

M63	1	024500063
MV63	1	024510063



Beta

M65



950 8-10-12-13-14-17-19 mm

951 2,5-3-4-5-6-8-10-12-14 mm

3,6 Kg

C1-C2

M65	1	024500065
MV65	1	024510065

M69



○ 951

2,5-3-4-5-6-8
10-12-14 mm

1,8 kg

C1-C2

M69	1	024500069
MV69	1	024510069

M75



○ 933 7-8-9-10-11-12-13-14-15
16-17-18-19-21-22-24 mm

5,5 kg

C2

M75	1	024500075
MV75	1	024510075

M77

17



- 80 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 920/36A
- 965 450 mm
- 1052 240 mm
- 1058 180 mm
- 1481PL/A
- 1481PL/B
- 1481PL/C
- 1650 150 mm
- 1708/20
- 1716P



- M77 1 024500876
- MV77 1 024510876

M79

6



- 80 8x9-10x11-12x13-14x15-16x17-18x19 mm



- M79 1 024500079
- MV79 1 024510079

M82

29



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25 305 mm
- ⊕ 920/55



- M82 1 024500082
- MV82 1 024510082



M83

24



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25 255 mm
- 920/42 305 mm
- ⊕ 920/55



- M83 1 024500083
- MV83 1 024510083

M85

45



- 851SR 230 mm
- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- ⊕ 860PH PH0 - PH1 - PH2 - PH3 - PH4
- ⊕ 860PZ PZ1 - PZ2 - PZ3 - PZ4
- ⊕ 860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- ⊕ 860RTX T9-T10-T15-T20-T25-T27-T30-T40
- 860/55 100 mm
- 882P 80 mm
- 892 1/4 - □ 1/4

1/4

- M85 1 024500085
- MV85 1 024510085

M86

46



- 867PE 4-5-6-7-8-10-12 mm
- 867PE/L 4-5-6-7-8-10-12 mm
- 867XZN 5-6-8-10-12 mm
- 867XZN/L 5-6-8-10-12 mm
- ⊕ 867TX T20-T25-T30-T40-T45-T50-T55
- ⊕ 867TX/L T25-T30-T40-T45-T50-T55
- ⊕ 867RTX T20-T25-T30-T40-T45-T50-T55
- 867/1
- 867/2

10mm

- M86 1 024500086
- MV86 1 024510086

M91

25



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900ME 2,5-3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25 □ 1/4 - ■ 1/4
- 900BG/30
- 900/42
- ⊕ 900/55



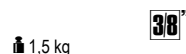
- M91 1 024500091
- MV90 1 024510090

M92

22



- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊕ 910/55



- M92 1 024500092
- MV92 1 024510092

M94

26



- 900AS/L 3/16-7/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16
- 900AS 3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16
- 900AN 50-100mm
- 900/25
- ⊕ 900/55
- 900/42



- M94 1 024500094
- MV94 1 024510094

M96

22



- 920A/AS 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
- 920/25
- 920AN 125-250mm
- 920/42
- ⊕ 920/55



- M96 1 024500096
- MV96 1 024510096

M100

98



- 895/1
- 895/3
- 895/6
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/20 50 mm
- 900/20L 100 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- ⊕ 900/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 920/15
- 920/25
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/42
- ⊕ 920/55
- 920FTX 10-12-14-16-18-20-22-24 mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22 mm

6,7 Kg

14" 12"

C2

M100	1	024500100
MV100	1	024510100



M105

116



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- 895/1
- 895/3
- 895/6
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/16 □ 1/4 - ■ 3/8
- 900/... 50-100-150 mm
- 900/25
- 900BG/30
- 900/42
- ⊕ 900/55
- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/15 □ 3/8 - ■ 1/4
- 910/16 □ 3/8 - ■ 1/2
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊕ 910/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 920/15 □ 1/2 - ■ 3/8
- 920/25
- 920AN 125 - 250 mm
- 920/42
- ⊕ 920/55
- 956E 16-17,8-20,8 mm

14" 38" 12"

C2

M105	1	024500871
MV105	1	024510871

M110

36



- ⊕ 850MQ
- ⊕ 860TX/A10
- 920MQ/A 8-9-10-11-12-13-14-15-16-17-18-19-20 mm
- 920MQ/PE 5-6-8-10-12 mm
- 920MQ/21 125 mm
- 920MQ/22 250 mm
- 920MQ/55A
- 943MQ 6-7-8-10 mm

3,1 kg

C2

M110	1	024500110
MV110	1	024510110

M112

32



- ⊕ 861TX ● 1/4-T6+T15
- ⊕ 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- 900FTX □ 1/4-E4+E10
- 920FTX □ 1/2-E12+E24
- 920TX □ 1/2-T55L-T60-T70L

1,3 kg

14" 12"

C2

M112	1	024500112
MV112	1	024510112

M120

75



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42
- 920AL 10-12-13-14-15-16-17-18-19-22-24-27-30-32 mm
- 920FTX 10-12-14-16-18-20-22-24 mm
- ⊕ 920/55
- 920PE 5-5L-6-6L-7-7L-8-8L-10-10L-12-12L-14-14L
- ⊕ 920TX T20-T25-T27-T30-T40-T45-T50-T55-T60-T20L-T25L-T27L-T30L-T40L-T45L-T50L

6,9 Kg

12"

C2

M120	1	024500120
MV120	1	024510120



M121

46



- 920BP 5L-6L-8L-10L-5XL-6XL-8XL mm
- 920TX T20-T25-T27-T30-T40L-T45L-T50L-T55L-T60L-T70L
- 920XZN 4-5-6-6L-8-8L-10-10L-12-12L-14-14L-16-18 mm
- 920ES 7-9-10-11-12L-14L-16L-7XL-9XL-10XL-11XL-12XL-14XL-16XL mm

920/36A

6,3 Kg

12"

C1-C2



M121 1 024500121
MV121 1 024510121

M125

68



- 910AL 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 920PE 5-6-6L-7-8-8L-10-10L-12-12L mm
- 920FTX E12-E14-E16-E18-E20-E22-E24
- 920TX T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 920XZN 5-6-6L-8-8L-10-10L-12L mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm

1692/5

38"

12"

C1-C2



M125 1 024500872
1 024510872

M130

13



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1048 250 mm
- 1052 240 mm
- 1082BM 160 mm
- 1098 220 mm
- 1112 250 mm
- 1128BM
- 1150BM 180 mm
- 1166BM 160 mm
- 1168BM 160 mm

3,4 Kg

C1-C2



M130 1 024500130
MV130 1 024510130

M131

3



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

750 g

C1-C2



M131 1 024500131
MV131 1 024510131

M132

3



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm

650 g

C1-C2



M132 1 024500132
MV132 1 024510132

M135

3



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm

750 g

C1-C2



M135 1 024500135
MV135 1 024510135

M145

4



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g

C1-C2



M145 1 024500145
MV145 1 024510145

M153

2



- 1048 250 mm
- 1052 240 mm

1 kg

C1-C2



M153 1 024500153
MV153 1 024510153

M160

15



- 1128MQ
- 1048MQ 250 mm
- 1084MQ 200 mm
- 1150MQ 200 mm
- 1162MQ 160 mm
- 1164MQ 160 mm
- 1272MQ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1777MQ/U

3,0 kg

C1 - C2



M160 1 024500160
MV160 1 024510160

M165

49



- 860MIX/A31
- 1048 250 mm
- 1082BM 160 mm
- 1150BM 180 mm
- 1162BM 160 mm
- 1290 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1290N 6,5x30 mm
- 1292 4,5x80-6x100-8x150 mm
- 1292N 6x30 mm
- 1297TX T20-T25-T27-T30

3,4 Kg

C1-C2



M165 1 024500874
MV165 1 024510874



M170



- 1290 2,5x50
- 3x75
- 3,5x100
- 4x125
- 5,5x100
- 5,5x150
- 6,5x150 mm



500 g

C1-C2



M170	1 024500170
MV170	1 024510170

M172



- ⊕ 1292 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150 mm



450 g

C1-C2



M172	1 024500172
MV172	1 024510172

M174



- ⊙ 1297TX T8-T10-T15-T20-T25-T30



450 g

C1-C2



M174	1 024500174
MV174	1 024510174

M180



- 1290 3x75
- 4x100
- 5,5x150
- 6,5x150 mm
- ⊕ 1292 PH0x60
- PH1x80
- PH2x100 mm



500 g

C1-C2



M180	1 024500180
MV180	1 024510180

M199



- 1260 2,5x50
- 3x75
- 3,5x100
- 4x125
- 5,5x100
- 5,5x150
- 6,5x150 mm



500 g

C1-C2



M199	1 024500199
MV199	1 024510199

M202



- ⊕ 1262 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150 mm



450 g

C1-C2



M202	1 024500202
MV202	1 024510202

M204



- ⊙ 1267TX T8-T10-T15-T20-T25-T30



450 g

C1-C2



M204	1 024500204
MV204	1 024510204

M208



- 1260 3x75
- 3,5x100
- 4x125
- 5,5x150
- 6,5x150 mm
- ⊕ 1262 PH0x60
- PH1x80
- PH2x100 mm
- 4x30 mm
- 1260N
- ⊕ 1262N PH1x30 mm



750 g

C1-C2



M208	1 024500208
MV208	1 024510208

M210



- 1201 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1201N 4x30 mm
- ⊕ 1202 PH0x60-PH1x80-PH2x100-PH3x150 mm
- ⊕ 1202N PH1X30 mm
- ⊙ 1207TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
- 1253



1,8 Kg

C1-C2



M210	1 024500210
MV210	1 024510210

M211



- 1201 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm



500 g

C1-C2



M211	1 024500211
MV211	1 024510211



M212



➤ 1202 PH0x60-PH1x80-
PH1x120-PH2x100-
PH2x150-PH3x150 mm

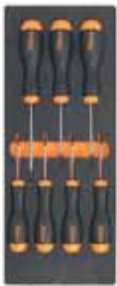
📦 450 g

C1-C2



M212 1 024500212
MV212 1 024510212

M215



➤ 1207TX T6-T7-T8-T9-T10-
T15-T20

📦 500 g

C1-C2



M215 1 024500215
MV215 1 024510215

M220



● 1201 3x75
4x100
5,5x150
6,5x150 mm
➤ 1202 PH0x60
PH1x80
PH2x100 mm

📦 500 g

C1-C2



M220 1 024500220
MV220 1 024510220

M226



● 1274MQ 3x100
4x100
5,5x125
6,5x150 mm
➤ 1272MQ PH0x60
PH1x80
PH2x100 mm

📦 500 g

C1-C2



M226 1 024500226
MV226 1 024510226

M227



○ 944BX 6-7-8-10-13 mm

📦 420 g

C1-C2



M227 1 024500227
MV227 1 024510227

M230



30 Ø 2-3-4 mm
31 Ø 2-3-4-5-6-8 mm
32 Ø 4 mm
34 150 mm
35 200-250 mm
36 125 mm
1370 500 g
1390 Ø 35 mm
1692 3 m
1712TF
■ 1719BMA/Q 200 mm
▲ 1719BMA/T 200 mm
▮ 1719BMA/P 200 mm
▸ 1719BMA/M 200 mm
● 1719BMA/R 200 mm
1737NX
1771 18 mm

📦 3,2 Kg

C1-C2



M230 1 024500230
MV230 1 024510230

M231



31 2-3-4-5-6-8 mm
32 4 mm
34 125-150-175 mm
36 125 mm
1370 500-1000 g
1390 Ø 35 mm
1712TF 590 mm
1715 670 mm
1719BMA8/Q 200 mm
1719BMA8/T 200 mm
1719BMA8/P 200 mm
1719BMA8/M 200 mm
1719BMA8/R 200 mm
1737NX

M231 1 024500877
MV231 1 024510877

M234



35 100-200 mm
1370 300 g
1390 Ø 35 mm

📦 1,3 kg

C1-C2



M234 1 024500234
MV232 1 024510232

M236



■ 1719BMA/Q 200 mm
▲ 1719BMA/T 200 mm
▮ 1719BMA/P 200 mm
▸ 1719BMA/M 200 mm
● 1719BMA/R 200 mm

📦 870 g

C1-C2



M236 1 024500236
MV236 1 024510236



M237



35 100-200 mm
1370T 300 mm
1390N Ø 35 mm



1,3 kg

C1-C2



M237	1	024500237
MV232	1	024510232

M240



31BM Ø 2-3-4-5-6-8 mm
32 Ø 4 mm



850 g

C1-C2



M240	1	024500240
MV240	1	024510240

M264



1491 Ø 65+110 mm
■ 1494 ■ 10 mm
○ 1494E ○ 8-9-10-11-12-14-17 mm
○ 1494Q ○ 8-9,5-12-13 mm
△ 1494T △ 9,5
○ 1494XZN ○ 16
1496C ■ 8x ■ 10 mm



2,1 kg

C2



M264	1	024500264
MV264	1	024510264

Beta

M285



1112 250 mm
1128BM 440 mm
1726 440 mm
1728BM (5)
1753 200 cc



1,5 kg

C2



M285	1	024500285
MV285	1	024510285

M288



1128BMX
1130BMX
■ 1719BMA/Q 200 mm
■ 1719BMA/P 200 mm
▶ 1719BMA/M 200 mm
● 1719BMA/R 200 mm
1726BM 400 mm
1728BM (5)
1771BM 170 mm
1778V18 185 mm



2,4 Kg

C1-C2



M288	1	024500288
MV287	1	024510287

M289



1692 5 m
1725CR
1755 30 cc
1771



500 g

C2



M289	1	024500289
MV289	1	024510289

M295

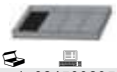


1650
1682
1707
1708/20



450 g

C1-C2



M295	1	024500295
MV295	1	024510295

M300



1927A
○ 720 12-13-14-15-16-17
18-19-21-22
24-27 mm
720/21



4,7 kg

12"

C2



M300	1	024500300
MV300	1	024510300

M310



1927CD
○ 720 12-13-14-15-16-17
18-19-21-22
24-27 mm
720/21



4,0 kg

12"

C2



M310	1	024500310
MV310	1	024510310

Beta

VPM0

soft thermoformed tray with tote tray



VPM0 1 088870350

VPM3

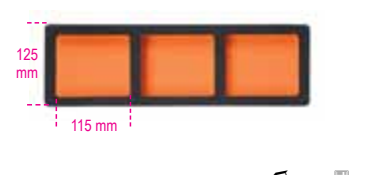
soft thermoformed tray with 4 tote trays



VPM3 1 088870353

VPM7

soft thermoformed tray with 3 tote trays



VPM7 1 088870356

VPM8

soft thermoformed tray with tote tray



VPM8 1 088870357

VPM9

soft thermoformed tray with tote tray



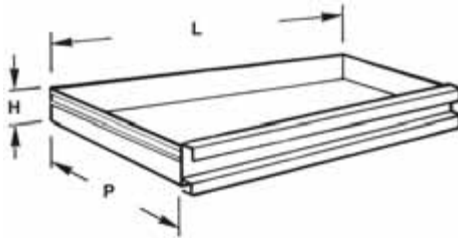
VPM9 1 088870358

Hard thermoformed trays T-series

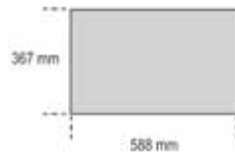
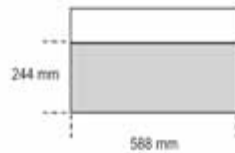
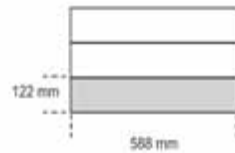
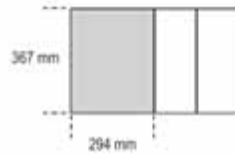
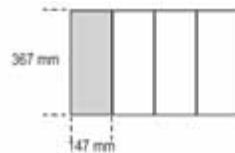


Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.

The heights of drawers C1 and C2 are shown in order to choose the most suitable thermoformed tray. Near each thermoformed tray you will find the height of the drawer it is suitable for.



	H mm	LxP mm
C1	50	588x367
C2	70	588x367



T10



42 6-7-8-10-11-12-13
14-16-17-18-19-21
22-24-27-30 mm

2,7 kg

T10 1 024240010
TV10 1 024000400

T15



42 6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21 mm

1,5 kg

T15 1 024240015
TV15 1 024000445

T16



42 22-24-27-30-32 mm

2,1 kg

T16 1 024240016
TV16 1 024000446

T18



42MP 6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21 mm

1,5 kg

T18 1 024240018
TV15 1 024000445



T19

5



42MP 22-24-27-30-32 mm

2,1 kg

C2



T19	1	024240019
TV16	1	024000446

T22

15



42AS 5/16-3/8-7/16-1/2
9/16-5/8-11/16-3/4
96AS/BG7 3/32-1/8-5/32-3/16
1/4-5/16-3/8

1 kg

C2



T22	1	024240022
TV20	1	024000488

T23

16



42INOX 8-10-11-12-13-14-15-17-19 mm
96BPINOX 2,5-3-4-5-6-8-10 mm

1 kg

C2



T23	1	024240023
TV23	1	024249906

T31

27



31 Ø 2-3-4-5-6 mm
32 Ø 4 mm
55 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22-21x23
24x26-27x29
30x32 mm
96N/SC9 1,5÷10 mm

3 kg

C2



T31	1	024240031
TV30	1	024000401

T33

17



55 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22 mm
96/SC9 1,5÷10 mm

1 kg

C2



T33	1	024240033
TV20	1	024000488

T34

17



55MP 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22 mm
96/SC9 1,5÷10 mm

1 kg

C2



T34	1	024240034
TV20	1	024000488

T40

7



90 6x7-8x9-10x11
12x13-14x15
16x17-18x19 mm

810 g

C2



T40	1	024240040
TV40	1	024000456

T41

5



90 20x22-21x23
24x26-25x28
27x29 mm

1,5 kg

C2



T41	1	024240041
TV41	1	024000457

T45

12



142 8-9-10-11-12
13-14-15-16
17-18-19 mm

1,3 kg

C2



T45	1	024240045
TV45	1	024000498

T46

12



142SN 8-9-10-11-12
13-14-15-16
17-18-19 mm

1,5 kg

C2



T46	1	024240046
TV46	1	024000499

T48

12



96BPC/SC9 1,5÷10 mm
142C 8-9-10-11-12
13-14-15-16
17-18-19 mm

1,4 kg

C2



T48	1	024240048
TV47	1	024000763

T50

11



96T 2-2,5-3-3,5-4-4,5
5-6-7-8-10 mm

1,3 kg

C1 - C2



T50	1	024240050
TV50	1	024000764

T52



○96T 2,5-3-4-5-6 mm

350 g

C1 - C2



T52	1	024240052
TV52	1	024000765

T53



○96TBP 2,5-3-4-5-6 mm

300 g

C1 - C2



T53	1	024240053
TV52	1	024000765

T55



○97TTX T10-T15-T20
T25-T27-T30

330 g

C1 - C2



T55	1	024240055
TV55	1	024000766

T56



○96BP 2-3-4-5-6-8-10 mm
○97TX T20-T25-T30-T40-
T45-T50-T55

300 g

C1-C2



T56	1	024240056
TV56	1	024249901

T57



○96TINOX 2,5-3-4-5-6 mm



350 g

C1-C2



T57	1	024240057
TV57	1	024249907

T59



111	250 mm
920/40	1/2
○951	2,5-3-4-5-6-8 mm
○953	4-5-6-8 mm
1370	300 - 500 g

4,7 kg

C2



T59	1	024240059
TV60	1	024000420

T63



○952 7-8-10-12-13-14-17-19 mm

3,8 kg

C1 - C2



T63	1	024240063
TV63	1	024000471

T64



○952FTX E10-E12-E14
○953TX T25-T27-T30-T40-T45

3,8 kg

C1 - C2



T64	1	024240064
TV63	1	024000471

T65



○953 3-3,5-4-5-6-7-8-10 mm

2,8 kg

C1 - C2



T65	1	024240065
TV63	1	024000471

T68



○951 2,5-3-4-5-6-8 mm

590 g

C1 - C2



T68	1	024240068
TV68	1	024000470

T73



○930 6x7-8x9-10x11-12x13-
14x15-16x17-18x19-
20x22 mm

1,3 kg

C2



T73	1	024240073
TV73	1	024000418



T75

16



○ 933 7-8-9-10-11-12-13
14-15-16-17-18-19
21-22-24 mm

4,2 kg

C2

T75	1	024240075
TV75	1	024000422

T76

16



○ 932 7-8-9-10-11-12-13
14-15-16-17-18-19
21-22-24 mm

4,2 kg

C2

T76	1	024240076
TV75	1	024000422

T77

10



○ 933 6-7-8-10-11-12-13
14-17-19 mm

1,4 kg

C2

T77	1	024240077
TV77	1	024000474

T79

6



80 8x9-10x11-12x13
14x15-16x17
18x19 mm

1,3 kg

C2

T79	1	024240079
TV79	1	024000490

T80

29



○ 920A 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
○ 920ME 5-6-8-10-12 mm
920/21 125 mm
920/22 255 mm
920/25 305 mm
920/42 305 mm
Ⓢ 920/55

4,1 kg

12"

C2

T80	1	024240080
TV80	1	024000403

T81

29



○ 920B 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
○ 920ME 5-6-8-10-12 mm
920/21 125 mm
920/22 255 mm
920/25 305 mm
920/42 305 mm
Ⓢ 920/55

4,1 kg

12"

C2

T81	1	024240081
TV80	1	024000403

T82

29



○ 920A 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
○ 920ME 5-6-8-10-12 mm
920AN/125 125 mm
920AN/250 250 mm
920/25 305 mm
920/42 305 mm
Ⓢ 920/55

4,1 kg

12"

C2

T82	1	024240082
TV80	1	024000403

T83

24



○ 920A 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
920/21 125 mm
920/22 255 mm
920/25 305 mm
920/42 305 mm
Ⓢ 920/55

3,6 kg

12"

C2

T83	1	024240083
TV83	1	024000402

T85

81



● 861LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
○ 861PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
⊕ 861PH PH0 - PH1 - PH2 - PH3
⊕ 861PZ PZ1 - PZ2 - PZ3
⊕ 861TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
⊕ 861RTX T9-T10-T15-T20-T25-T27-T30-T40
⊕ 861TRW 1-2-3-4-5-6 mm
⊕ 861TQS 0-1-2-3-4-5-6-8 mm
⊕ 861SP 4-6-8-10-12 mm
851SR 230 mm
○ 900 4-4,5-5-5,5-6-7-8-9
10-11-12-13-14 mm
900/21 150 mm
900/25 41 mm
900BG/30 176 mm
900/42 115 mm
Ⓢ 900/55 125 mm
194 1/4x5/16

1,0 kg

14"

C1 - C2

T85	1	024240085
TV85	1	024000747

T91

25



○ 900 4-4,5-5-5,5-6
7-8-9-10-11
12-13-14 mm
○ 900ME 2,5-3-4-5-6-8 mm
900/20 50 mm
900/21 150 mm
900/25 150 mm
900BG/30 115 mm
900/42 115 mm
Ⓢ 900/55

560 g

14"

C1 - C2

T91	1	024240091
TV90	1	024000447

T92

22



○ 910A 6-7-8-9-10-11-12-13
14-15-16-17-18-19
20-21-22 mm
910/21 125 mm
910/22 250 mm
910/25 210 mm
910/42 210 mm
Ⓢ 910/55

1,5 kg

3/8"

C2

T92	1	024240092
TV92	1	024000458

T99

16

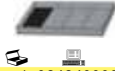


- 920INOX-A 10-12-13-14-15-16-17
18-19-21-22-24-27
30-32mm
- ⊗ 920/55INOX



12"

C2



T99	1	024240099
TV99	1	024249908

T100

16



- 920A 10-12-13-14-15
16-17-18-19-21
22-24 mm
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- ⊗ 920/55

12"

C2



2,1 kg

T100	1	024240100
TV100	1	024000495

T101

16



- 920B 10-12-13-14-15
16-17-18-19-21
22-24 mm
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- ⊗ 920/55

12"

C2



2,1 kg

T101	1	024240101
TV100	1	024000495

T102

16



- 920AS 3/8-7/16-1/2
9/16-5/8-11/16
3/4-13/16-7/8
15/16-1-1.1/16
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- ⊗ 920/55

12"

C2



2,1 kg

T102	1	024240102
TV100	1	024000495

T103

17



- 900L 6-7-8-9-10-11-12 mm
- 920AL 13-14-16-17-18-19
21-22-24-27 mm

14" 12"



1,1 kg

T103	1	024240103
TV103	1	024000748

T105

11



- 928A 22-24-27-30-32-34
36-38-41-46-50 mm

34"



4,9 kg

T105	1	024240105
TV105	1	024000484

T106

4



- 928/21 200 mm
- 928/22 380 mm
- 928/42 450 mm
- 928/55

34"



4,5 kg

T106	1	024240106
TV106	1	024000485

T110

14



- 720 10-11-12-13-14
16-17-18-19-21
22-23-24 mm
- 720/21 125 mm

12"



1,8 kg

T110	1	024240110
TV110	1	024000477

T112

32



- ⊗ 861TX ● 1/4-T6+T15
- ⊗ 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- ⊗ 900FTX □ 1/4-E4+E10
- ⊗ 920FTX □ 1/2-E12+E24
- ⊗ 920TX □ 1/2-T55L-T60-T70L

14" 12"



1,3 kg

T112	1	024240112
TV112	1	024000480

T113

12



- 920PE 5L-6L-7L-8L-10L
- ⊗ 920TX T40L-T45L
T55L-T70L
- 920XZN M6L-M8L-M12L

12"



1,5 kg

T113	1	024240113
TV113	1	024000489

T121

1



- 666N/20 40 - 200 Nm

12"



T121	1	024240121
TV121	1	024000767

T131

3



- ⊗ 1084BM 160 mm
- ≡ 1150BM 180 mm
- 1166BM 160 mm

750 g



T131	1	024240131
TV130	1	024000451

T132



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm

650 g

C1 - C2



T132	1	024240132
TV130	1	024000451

T142



- 1048 250 mm
- 1052 240 mm
- 1112 250 mm
- 1150 180 mm

1,8 kg

C1 - C2



T142	1	024240142
TV143	1	024000409

T153



- 1048 250 mm
- 1052 240 mm

1,1 kg

C1 - C2



T153	1	024240153
TV150	1	024000462

T135



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm

1000 V

750 g

C1 - C2



T135	1	024240135
TV135	1	024000762

T145



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g

C1 - C2



T145	1	024240145
TV145	1	024000448

T154



- 1082 160 mm
- 1150 180 mm
- 1048 250 mm

1 kg

C1 - C2



T154	1	024240154
TV148	1	024000500

T136



- 1048MQ 250 mm
- 1777MQ/U

700 g

C1 - C2



T136	1	024240136
TV136	1	024000438

T146



- 1032 140x0,9 mm
- 1032 225 mm
- 1036 140x1,3 mm
- 1036 225 mm

700 g

C1 - C2



T146	1	024240146
TV146	1	024000449

T155



- 1082BM 160 mm
- 1150BM 180 mm
- 1048BM 250 mm

1,1 kg

C1 - C2



T155	1	024240155
TV148	1	024000500

T140



- 1032 140x0,9 - 180 mm
- 1034 170 mm
- 1036 140x1,3 - 175 mm
- 1038 175 mm
- 1084 160 mm
- 1128BM

1,1 kg

C1 - C2



T140	1	024240140
TV140	1	024000405

T151



- 1047 240 mm
- 1057A 240 mm

1,3 kg

C2



T151	1	024240151
TV150	1	024000462

T160



- 1290 3x75
- 3x100
- 4x100
- 4x150
- 5,5x100
- 5,5x150
- 6,5x150
- 8x150
- 10x200 mm
- 1290N 4x30
- 6,5x30 mm

1,3 kg

C1 - C2



T160	1	024240160
TV160	1	024000706

T161

Betamax



- 1292 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150
PH3x150 mm
- 1292N PH1x30
PH2x30 mm

C1 - C2



1 kg

T161	1	024240161
TV161	1	024000707

T164



- 952 8-10-13-17-19 mm
- 959 16 mm (5/8") - 20,8 mm (13/16")
- 1260 3x75-4x100-5,5x100
6,5x150-10x200 mm
- 1262 PH0x60-PH1x80
PH2x100-PH3x150 mm

C1 - C2



5 kg

T164	1	024240164
TV61	1	024000721

T167



- 1260 3x75
3x100
4x100
4x150
5,5x100
5,5x150
6,5x150
8x150
10x200 mm
- 1260N 4x30
6,5x30 mm

C1 - C2



1,3 kg

T167	1	024240167
TV160	1	024000706

T168



- 1262 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150
PH3x150 mm
- 1262N PH1x30
PH2x30 mm

C1 - C2



1 kg

T168	1	024240168
TV161	1	024000707

T170

Betamax



- 1290 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

C1 - C2



450 g

T170	1	024240170
TV170	1	024000741

T171

Betamax



- 1290 8x150
8x200
10x200 mm
- 1290N 4x30
6,5x30 mm

C1 - C2



750 g

T171	1	024240171
TV171	1	024000742

T172

Betamax



- 1292 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150 mm

C1 - C2



450 g

T172	1	024240172
TV172	1	024000743

T173

Betamax



- 1292 PH3x150
PH4x200 mm
- 1292N PH1x30
PH2x30 mm

C1 - C2



560 g

T173	1	024240173
TV173	1	024000744

T175

Betamax



- 1297TX T6-T7-T8-T9
T10-T15-T20

C1 - C2



410 g

T175	1	024240175
TV175	1	024000760

T176

Betamax



- 1297TX T25-T27-T30
T40-T45

C1 - C2



640 g

T176	1	024240176
TV176	1	024000761

T177

Betamax



- 1298RTX T9-T10-T15
T20-T25-T27
T30-T40

C1 - C2



680 g

T177	1	024240177
TV177	1	024000759

Beta

T180



- 1290 3x75
4x100
5,5x150
6,5x150 mm
- ⊕ 1292 PH0x60
PH1x80
PH2x100 mm

480 g

C1 - C2



T180	1	024240180
TV180	1	024000701

T183



- ⊕ 1292L PH1x400-PH2x400 mm
- 1294L 3x300-4x400-5x400 mm

580 g

C2



T183	1	024240183
TV183	1	024000497

T198



- 1260 3x75
4x100
5,5x150
6,5x150 mm
- ⊕ 1269PZ PZ0 - PZ1 - PZ2

490 g

C1 - C2



T198	1	024240198
TV180	1	024000701

T199



- 1260 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

490 g

C1 - C2



T199	1	024240199
TV170	1	024000741

T201



- 1260 8x200
10x150
10x200 mm
- 1260N 4x30
6,5x30 mm

680 g

C1 - C2



T201	1	024240201
TV171	1	024000742

T202



- ⊕ 1262 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150 mm

490 g

C1 - C2



T202	1	024240202
TV172	1	024000743

T204



- ⊕ 1262 PH3x150
PH4x200 mm
- ⊕ 1262N PH1x30
PH2x30 mm

610 g

C1 - C2



T204	1	024240204
TV173	1	024000744

T205



- ⊕ 1267TX T6-T7-T8-T9
T10-T15-T20

460 g

C1 - C2



T205	1	024240205
TV175	1	024000760

T206



- ⊕ 1267TX T25-T27-T30
T40-T45

710 g

C1 - C2



T206	1	024240206
TV176	1	024000761

T207



- ⊕ 1268RTX T9-T10-T15
T20-T25-T27-T30

760 g

C1 - C2



T207	1	024240207
TV207	1	024000758

T208



- 1260 3x75
4x100
5,5x150
6,5x150 mm
- ⊕ 1262 PH0x60
PH1x80
PH2x100 mm

530 g

C1 - C2



T208	1	024240208
TV180	1	024000701

T209



- ⊕ 1262L PH1x400-PH2x400 mm
- 1264L 3x300-4x400-5x400 mm

580 g

C2



T209	1	024240209
TV183	1	024000497

T210



- 1201 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

490 g

C1 - C2



T210	1	024240210
TV170	1	024000741

T226



- 1274MQ 3x100
4x100
5,5x125
6,5x150 mm
- 1272MQ PH0x60
PH1x80
PH2x100 mm

1000 V

460 g

C1 - C2



T226	1	024240226
TV180	1	024000701

T233



- 35 100-200 mm
- 1370F 32 mm
- 1390 Ø 35 mm

1,3 kg

C1 - C2



T233	1	024240233
TV232	1	024000452

T212



- 1202 PH0x60
PH1x80
PH1x120
PH2x100
PH2x150
PH3x150 mm

490 g

C1 - C2



T212	1	024240212
TV212	1	024000440

T227



- 944BX 5-6-7-8-10-13 mm

490 g

C1 - C2



T227	1	024240227
TV227	1	024000705

T234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1,3 kg

C1 - C2



T234	1	024240234
TV232	1	024000452

T215



- 1207TX T6-T7-T8-T9
T10-T15-T20

410 g

C1 - C2



T215	1	024240215
TV175	1	024000760

T228



- 1290INOX 3x75 - 4x100 -
5,5x150 - 6,5x150 mm
- 1292INOX PH0x60 - PH1x80 -
PH2x100 mm



480 g

C1 - C2



T228	1	024240228
TV180	1	024000701

T236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- ▮ 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g

C1 - C2



T236	1	024240236
TV235	1	024000453

T220



- 1201 3x75
4x100
5,5x150
6,5x150 mm
- 1202 PH0x60
PH1x80
PH2x100 mm

530 g

C1 - C2



T220	1	024240220
TV180	1	024000701

T231



- 1370 400 g
- 1390 Ø 35 mm
- ▲ 1719BMA/T 200 mm
- ▮ 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm

1,7 kg

C2



T231	1	024240231
TV230	1	024000411

T239



- 31BM Ø 2-3-4-5-6-8 mm
- 32 Ø 4 mm

850 g

C1 - C2



T239	1	024240239
TV239	1	024000439

T241



1500N/1
1500N/3
1516/1



4,2 kg

C2



T241	1	024240241
TV241	1	024000414

T250

Automotive



34 150 mm
83/S3 11x13-14x17
19x22 mm
1458 175 mm
1491
1603
1708/13 0,05±1 mm



1430 g

C1 - C2



T250	1	024240250
TV250	1	024000408

T256

Automotive



○ 956E 16 mm (5/8) - 20,8 mm (13/16)
○ 956L 16 mm (5/8) - 20,8 mm (13/16)
959 16 mm (5/8) - 20,8 mm (13/16)
■ 1164 200 mm
1708/20 0,05±1 mm



3,2 kg

C2



T256	1	024240256
TV255	1	024000467

Beta

T259



○ 96BP 2,5-3-4-5
6-8-10 mm
○ 96N 12 mm
● 860MIX/A31
○
⊕
⊕
⊕
895/1



950 g

C2



T259	1	024240259
TV263	1	024000492

T264



1491 Ø 65±110 mm
■ 1494 ■ 10 mm
○ 1494E ○ 8-9-10-11-12-14-17 mm
○ 1494Q ○ 8-9,5-12-13 mm
△ 1494T △ 9,5
○ 1494XZN ○ 16
1496C ■ 8x ■ 10 mm



2,1 kg

C2



T264	1	024240264
TV264	1	024000466

T270



430 M3 - 4 - 5 - 6 - 7 - 8 - 9
10 - 12 - 14 - 16 - 18 - 20
433 M6x0,75 - M8x1 - M10x1,25
M12x1,5 - M14x1,5
M16x1,5 - M18x1,5
440 M3 - 4 - 5 - 6 - 7 - 8 - 9
440A M10 - 12 - 14 - 16 - 18 - 20
441 M6x0,75 - M8x1,0
441A M10x1,25 - M12x1,5
M14x1,5 - M16x1,5
M18x1,5



4,3 kg

C2



T270	1	024240270
TV270	1	024000481

T273



435/1,5 M3±M12
435/3 M5±M21
436/1 □ 2,0+5,0 mm
(M3-M8)
436/2 □ 4,6+8 mm
(M5-M12)
444/1 Ø 25,4 mm
444/2 Ø 38,1 mm
1707 W 62±4x1"



2,1 kg

C2



T273	1	024240273
TV272	1	024000482

T281



1741B 250 mm
1741RV2,9K 2,9x6 mm (100)
1741RV3,2K 3,2x8 mm (100)
1741RV3,8K 3,8x10 mm (100)
1741RV4K 4x12 mm (100)



1,4 kg

C2



T281	1	024240281
TV280	1	024000478

T285



1112 250 mm
1128BM -
1726 400 mm
1728BM (5)
1753 200 cc



1,5 kg

C2



T285	1	024240285
TV285	1	024000487

Beta

Beta

T288



- 1128BMX
- 1130BMX
- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1726BM 400 mm
- 1728BM
- 1771BM 170 mm
- 1778V18 185 mm

2,9 Kg



T288	1	024240288
TV286	1	024249904

T289



- 1692 5 m
- 1725CR -
- 1755 30 cc
- 1771 -

500 g



T289	1	024240289
TV290	1	024000455

T291



- 1479RB/1
- 1479RB/2
- 1479RB/3

600 g



T291	1	024240291
TV291	1	024000472

T297



- 1651DGT
- 1682
- 1691BM

490 g

C1 - C2



T297	1	024240297
TV296	1	024000749

VP1 - VP2

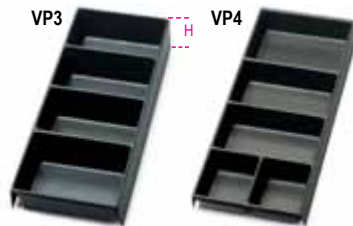
thermoformed trays for small items, made from plastic for all roller cabs C22, C23, C23C



	H mm	
VP1	50	1 088880351
VP2	35	1 088880352

VP3 - VP4

thermoformed trays for small items, made from plastic for all roller cabs and all trolleys



	H mm	
VP3	45	1 088880353
VP4	35	1 088880354

VP5

thermoformed tray



VP5	1	088880355
-----	---	-----------

VP6

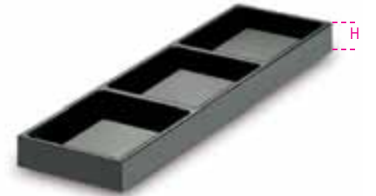
thermoformed tray



VP6	1	088880359
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VP-3SC

thermoformed tool trays, made from plastic, for mobile roller cab C38



VP-3SC	H mm	45	1	088880356
--------	------	----	---	-----------

VP-LS

thermoformed tool trays, made from plastic, for mobile roller cab C38



VP-LS	H mm	45	1	088880357
-------	------	----	---	-----------

VP-LD

thermoformed tool trays, made from plastic, for mobile roller cab C38



VP-LD	H mm	45	1	088880358
-------	------	----	---	-----------

8889P1

parallel partitions for item C22S e C27S

drawer 588x257 mm



8889P1/5	h	50 mm	1	088890005
8889P1/7	h	70 mm	1	088890007

8889C1

crossed partitions for item C22S and C27S

for drawer 588x257 mm



	h		
8889C1/5	50 mm	1	088890015
8889C1/7	70 mm	1	088890017

8889P2

parallel partitions for standard drawer 588x367 mm



	h		
8889P2/7	70 mm	1	088890107

8889C2

crossed partitions for standard drawer 588x367 mm



	h		
8889C2	70 mm	1	088890117

8889P3

parallel partitions for item C24SA-XL

for drawer 882x367 mm



	h		
8889P3	70 mm	1	088890207

8889C3

crossed partitions for C24SA-XL

for drawer 882x367 mm



	h		
8889C3	70 mm	1	088890217

8889P4

parallel partitions for item C41

for drawer 418x205 mm



	h		
8889P4	70 mm	1	088890307

8889I4

crossed partition for item trolley C41

for drawer 418x205 mm



	h		
8889C4	70 mm	1	088890317

8889PS

parallel partitions for item C38

left side drawer 570x410 mm



	h		
8889PS/7	70 mm	1	088890407

8889CS

crossed partitions for item C38

left side drawer 570x410 mm



	h		
8889CS/7	70 mm	1	088890417

8889PD

parallel partitions for item C38

right side drawer 313x410 mm



	h		
8889PD/7	70 mm	1	088890427

8889CD

crossed partitions for item C38

right side drawer 313x410 mm



	h		
8889CD/7	70 mm	1	088890437

8889C6

crossed partitions for item C35

for drawer 600x447 mm



	h		
8889C6/7,5	75 mm	1	088890475
8889C6/10	100 mm	1	088890480
8889C6/15	150 mm	1	088890485
8889C6/20	200 mm	1	088890490

SB

socket rails



	L mm		
SB1	210	10	088880201
SB2	280	10	088880202
SB3	360	10	088880203

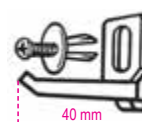
MB

socket clips for rails SB



	□		
MB0	1/4	50	088880210
MB1	3/8	50	088880211
MB2	1/2	50	088880212

KIT/GPS



KIT/GPS	40 mm	50	088880119

VE1



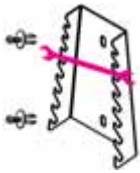
VE1		20	088880120

GM



∅ mm			
6,5		5	088880250
9,5		5	088880251
13		5	088880252
16		5	088880253
19		5	088880254
25		5	088880255

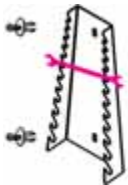
S55/8



1 088880420

S55/8
55/S8
55AS/8
55MP/S8

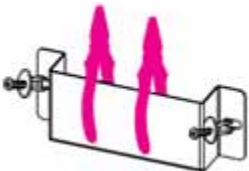
S55/12



1 088880421

S55/12
55/S12
55/S12X
55AS/12
55MP/S12

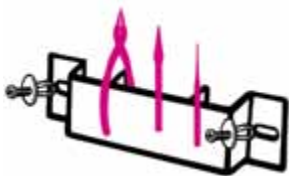
ST2P



1 088880422

ST2P

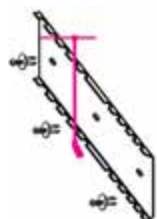
TSPP



1 088880402

TSPP

S952/10



1 088880423

S952/10

Beta

S1719BM



1 088880404

S1719BM
1719BMA: Q-T-P-M-R
1719BMD: Q-T-P-M-R

SGN



1 088880405

SGN
1290N-1292N-1299N/PZ
1260N-1262N-1269N/PZ
1201N-1202N-1209N/PZ

CB/2

only for C54

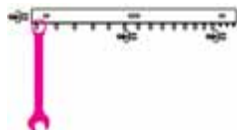
12"



1 088880411

CB/2
920A/920B
10+24+26-27
28-30-32 mm
920/21-920/22-920/25-
920/42-920/55

S42/17



1 088880428

S42/17
42/S17
42MP/S17
42/S17X
42AS/17
142/S17

S951/6



1 088880429

S951/6
951/S6
951AS/S6X
951TX/S6

SPG11 - S1203/8



1 088880910

SPG11
n.8 Ø = 7 mm
n.2 Ø = 10 mm
n.1 Ø = 12 mm

S1203/8
1203/S8
1263/D8
1293/S8

1 088880430

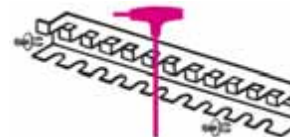
S96T/8



1 088880431

S96T/8

96T/SPV



1 000960958

96T/SPV
96T/S11
97TTX/S11

Beta

BLISTER PACK RANGE



free-service sales!

- **Increased visibility**
- **Display efficiency**
- **Bar code**



Blister pack support:

- *tearproof PVC*
- *4 formats for optimized display space*
- *New-generation fixing system with elastic band*

42K



mm		
5,5x5,5	5	000429005
6x6	5	000429006
7x7	5	000429007
8x8	5	000429008
9x9	5	000429009
10x10	5	000429010
11x11	5	000429011
12x12	5	000429012
13x13	5	000429013
14x14	5	000429014
15x15	5	000429015
16x16	5	000429016
17x17	5	000429017
18x18	5	000429018
19x19	5	000429019
20x20	3	000429020
21x21	3	000429021
22x22	3	000429022
23x23	3	000429023
24x24	3	000429024
25x25	2	000429025
26x26	2	000429026
27x27	2	000429027
28x28	2	000429028
29x29	2	000429029
30x30	2	000429030
32x32	2	000429032

55K



mm		
6x7	5	000559012
8x9	5	000559021
10x11	5	000559030
10x12	5	000559033
10x13	5	000559035
12x13	5	000559042
12x14	5	000559045
13x17	5	000559051
14x15	5	000559054
14x17	5	000559057
16x17	5	000559060
17x19	2	000559063
18x19	2	000559066
19x22	2	000559069
20x22	2	000559075
21x23	2	000559078
22x24	2	000559081
24x26	2	000559087
24x27	2	000559090
25x28	2	000559096
27x29	2	000559099
27x30	2	000559102
30x32	2	000559108

90K



mm		
6x7	5	000909006
8x9	5	000909012
10x11	5	000909018
12x13	5	000909027
14x15	5	000909033
16x17	5	000909039
18x19	5	000909045
20x22	3	000909051
21x23	2	000909057
24x26	2	000909063

mm		
24x27	2	000909067
25x28	2	000909070
27x29	2	000909073
30x32	2	000909080

93K



mm		
21x22	3	000939021

94K



mm		
8x10	2	000949008
9x11	2	000949009
10x11	2	000949010
11x13	2	000949011
12x14	2	000949012
13x15	2	000949013
14x15	2	000949014
14x17	2	000949015
17x19	2	000949017
19x22	2	000949019
22x24	2	000949022
24x27	2	000949024
30x32	2	000949030

96/SC9



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

96/ST6K



96/ST6K		
2,5-3-4-5-6-8 mm	3	000969370

96N/ST6K



96N/ST6K		
2,5-3-4-5-6-8 mm	3	000969640

96BPA/SC9



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

96BPC/SC9



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

96C/AS



1/16	20	000961702
3/32	20	000961706
1/8	20	000961710
5/32	20	000961714
3/16	20	000961716
7/32	20	000961718
1/4	20	000961720
5/16	10	000961724
3/8	10	000961728

96LBP/SC9



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

96/BGS7



96/BGS7		
1,5-2-2,5-3-4-5-6 mm	1	000960367

96/BG7



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

1 000960368

96TK



mm	1	2
2	5	000969934
2,5	5	000969935
3	5	000969936
4	5	000969938
5	5	000969940
6	5	000969941
8	3	000969943
10	3	000969945

97BTX/SC8



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

1 000970164

97BTXL/SC8



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

1 000970364

111K



L mm	1	2
100	3	001119010
150	3	001119015
200	3	001119020
250	3	001119025
300	3	001119030

123/K4



123/K4

1 001230504

142K



mm	1	2
6	3	001429006
7	3	001429007
8	3	001429008
9	3	001429009
10	3	001429010
11	3	001429011
12	3	001429012
13	3	001429013
14	2	001429014
15	2	001429015
16	2	001429016
17	2	001429017
18	2	001429018
19	2	001429019
21	1	001429021
22	1	001429022
24	1	001429024

192/S2



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

1 001920070

195K



mm	1	2
8x10	2	001959010
12x13	2	001959013
14x15	2	001959015
16x18	2	001959018
17x19	2	001959019

374K



L mm	1	2
240	1	003749024

850MQ



1000 V



L mm	1	2
233	1	008500910

855P



L1 mm	1	2
240	1	008550010

860/58K



L mm	1	2
126	1	008609884

860LP



SxA mm	1	2
0,5x3	5	008600005
0,6x4,5	5	008600010
0,8x5,5	5	008600015
1x5,5	5	008600020
1,2x6,5	5	008600025

860PH



PH	1	2
0	5	008600220
1	5	008600225
2	5	008600230
3	5	008600245
4	5	008600250

860PZ



PZ	1	2
1	5	008600320
2	5	008600325
3	5	008600330
4	5	008600335

860PE



mm	🔧	📦
2	5	008600101
2,5	5	008600102
3	5	008600103
4	5	008600104
5	5	008600105
6	5	008600106
8	5	008600108
10	5	008600110

860TX



⊕	🔧	📦
T6	5	008600704
T7	5	008600705
T8	5	008600710
T9	5	008600715
T10	5	008600720
T15	5	008600725
T20	5	008600730
T25	5	008600735
T27	5	008600740
T30	5	008600745
T40	5	008600750

860RTX



⊕	🔧	📦
T9	5	008600550
T10	5	008600555
T15	5	008600560
T20	5	008600565
T25	5	008600570
T27	5	008600575
T30	5	008600580
T40	5	008600585

860/C27



860/C27	🔧	📦
	1	008600880

860MIX/A10



860MIX/A10	🔧	📦
	1	008600900

860TX/A10



860TX/A10	🔧	📦
	1	008600970

860MIX/A31



860MIX/A31	🔧	📦
	1	008600902

862F/A7



862F/A7	🔧	📦
	1	008620950

900K



mm	🔧	📦
4	10	009009040
4,5	10	009009045
5	10	009009050
5,5	10	009009055
6	10	009009060
7	10	009009070
8	10	009009080
9	10	009009090
10	10	009009100
11	10	009009110

mm	🔧	📦
12	10	009009120
13	10	009009130
14	10	009009140

900/20LK



L mm	🔧	📦
100	5	009009819

900/25K



L mm	🔧	📦
41	5	009009830

900BG/30K



L mm	🔧	📦
128	5	009009834

900/55K



L mm	🔧	📦
125	5	009009870

920AK



mm	🔧	📦
10	10	009209010
11	10	009209011
12	10	009209012
13	10	009209013
14	10	009209014
15	10	009209015
16	10	009209016
17	10	009209017
18	10	009209018
19	10	009209019
20	5	009209020
21	5	009209021
22	5	009209022
23	5	009209023
24	5	009209024
25	5	009209025
26	5	009209026
27	5	009209027
28	5	009209028
29	5	009209029
30	5	009209030
32	5	009209032

920/21K

12"



L mm	5	009209822
125	5	009209822

920/25K

12"



L mm	5	009209830
75	5	009209830

920/55K

12"



L mm	3	009209882
275	3	009209882

935K



mm	5	009359105
6x7	5	009359105
8x9	5	009359111
10x11	5	009359115
12x13	5	009359117
14x15	5	009359126
16x17	5	009359128
18x19	5	009359131
20x22	3	009359138

937K



mm	5	009379006
6x6	5	009379006
7x7	5	009379007
8x8	5	009379008
9x9	5	009379009
10x10	5	009379010
11x11	5	009379011
12x12	5	009379012
13x13	5	009379013
14x14	5	009379014
15x15	5	009379015
16x16	5	009379016
17x17	5	009379017
18x18	5	009379018
19x19	5	009379019
20x20	5	009379020
21x21	3	009379021
22x22	3	009379022

943BXX



mm	5	009439005
5,5	5	009439005
6	5	009439006
7	5	009439007
8	5	009439008
10	3	009439010
13	3	009439013

951K



mm	5	009519521
2	5	009519521
2,5	5	009519525
3	5	009519530
3,5	5	009519535
4	5	009519540
4,5	5	009519545
5	5	009519550
6	5	009519560
8	5	009519580
10	5	009519610

1032K



L mm	5	010329013
140x0,9	5	010329013
140x1,3	5	010329014
180	5	010329017

1033K



L mm	5	010339013
140x0,9	5	010339013
140x1,3	5	010339014
180	5	010339017

1034K



L mm	5	010349013
130x0,9	5	010349013
130x1,3	5	010349014
170	5	010349017

1036K



L mm	5	010369013
140x0,9	5	010369013
140x1,3	5	010369014
175	5	010369017

1037K



L mm	5	010379013
140x0,9	5	010379013
140x1,3	5	010379014
175	5	010379017

1038K



L mm	5	010389013
135x0,9	5	010389013
135x1,3	5	010389014
175	5	010389017

1044K



L mm	5	010449250
250	5	010449250

1044FK



L mm	5	010449015
250	5	010449015

1046K



L mm	5	010469240
240	5	010469240

1048K



L			
mm			
175	3	010489010	
250	5	010489250	

1048VK



L			
mm			
175	3	010489110	
250	5	010489025	

1052K



L			
mm			
140	3	010529014	
190	3	010529019	
240	3	010529024	

1082K



L			
mm			
140	5	010829004	
160	5	010829006	

1082BMK



L			
mm			
140	3	010829034	
160	3	010829036	

1084K



L			
mm			
160	3	010849006	

1084BMK



L			
mm			
160	3	010849036	

1088K



L			
mm			
160	2	010889006	

1088BMK



L			
mm			
160	2	010889036	

1096K



L			
mm			
200	5	010969020	

1098K



L			
mm			
190	5	010989190	
220	5	010989220	

1098PLK



L			
mm			
220	5	010989320	

1112K



L			
mm			
200	2	011129020	

1122K



L			
mm			
250	2	011229020	

1123K



L			
mm			
250	2	011239020	

1124K



L			
mm			
250	2	011249020	

1128BAX



L			
mm			
150	5	011280088	

1128BCX



L	mm	5	011280080
---	----	---	-----------

1128BMX



L	mm	5	011280050
---	----	---	-----------

1128BSX



L	mm	5	011280060
---	----	---	-----------

1129BMK



L	mm	5	011299000
---	----	---	-----------

1130BMX



L	mm	1	011300001
---	----	---	-----------

1132K



L	mm	2	011329107
---	----	---	-----------

1132BMK



L	mm	2	011329137
---	----	---	-----------

1142BMK



L	mm	3	011429036
---	----	---	-----------

1149F



L	mm	1	011490010
---	----	---	-----------

1150K



L	mm	5	011509006
180	5	011509008	
200	5	011509010	
220	2	011509012	

1150BMK



L	mm	3	011509036
180	3	011509038	
200	3	011509040	
220	2	011509042	

1162K



L	mm	5	011629006
200	5	011629010	

1162BMK



L	mm	3	011629036
200	3	011629040	

1164K



L	mm	5	011649006
200	5	011649010	

1164BMK



L	mm	3	011649036
200	3	011649040	

1166K



L	mm	5	011669006
200	5	011669010	

1166BMK



L	mm	3	011669036
200	3	011669040	



1168K



L mm	⚡	📄
160	5	011689006
200	5	011689010

1168BMK



L mm	⚡	📄
160	3	011689036
200	3	011689040

1201K



SxAxL mm	⚡	📄
0,4x2,5x50	5	012019003
0,4x2,5x75	5	012019006
0,5x3x75	5	012019009
0,5x3x100	5	012019012
0,6x3,5x75	5	012019018
0,6x3,5x100	5	012019021
0,8x4x100	5	012019030
0,8x4x125	5	012019033
0,8x4x150	5	012019036
1,0x5,5x100	5	012019039
1,0x5,5x125	5	012019040
1,0x5,5x150	5	012019042
1,2x6,5x100	5	012019048
1,2x6,5x125	5	012019050
1,2x6,5x150	5	012019051
1,2x8x150	3	012019057
1,2x8x200	3	012019060
1,6x10x200	3	012019066

1201NK



SxAxL mm	⚡	📄
0,8x4x30	3	012019103
1,2x6,5x30	3	012019106

1202K



PHxDxL mm	⚡	📄
0x3x60	5	012029003
0x3x100	5	012029006
1x4,5x80	5	012029009
2x6x100	5	012029018
3x8x150	3	012029024
1x4,5x120	5	012029012
2x6x150	5	012029021
4x9,5x200	3	012029027

1202NK



PHxDxL mm	⚡	📄
1x4,5x30	3	012029103
2x6x30	3	012029106

1204K



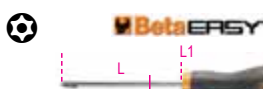
SxDxL mm	⚡	📄
0,4x2,5x60	5	012049003
0,6x3x75	5	012049006
0,5x3x100	5	012049009
0,8x4x100	5	012049012
0,8x4x125	5	012049015
1,0x5x125	5	012049018
1,0x5x150	5	012049021
1,2x6,5x150	5	012049024

1207TXK



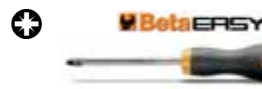
T	⚡	📄
T5	5	012079005
T6	5	012079006
T7	5	012079007
T8	5	012079008
T9	5	012079009
T10	5	012079010
T15	5	012079015
T20	5	012079020
T25	5	012079025
T27	5	012079027
T30	5	012079030
T40	2	012079040
T45	2	012079045

1208RTXK



T	⚡	📄
T9	5	012089009
T10	5	012089010
T15	5	012089015
T20	5	012089020
T25	5	012089025
T27	5	012089027
T30	5	012089030
T40	2	012089040

1209PZK



PZ	⚡	📄
0	5	012099000
1	5	012099003
2	5	012099006
3	3	012099009
4	3	012099012

1209N/PZK



	⚡	📄
1	3	012099103
2	3	012099106

1253



SxAxL mm	⚡	📄
0,5x3,5x100	5	012530001

1254



SxAxL mm	⚡	📄
0,5x3x44	5	012540001

1260K



SxAxL mm	⚡	📄
0,4x2,5x50	5	012609003
0,4x2,5x75	5	012609006
0,5x3x75	5	012609009
0,5x3x100	5	012609012
0,6x3,5x75	5	012609018
0,6x3,5x100	5	012609021
0,8x4x100	5	012609030
0,8x4x125	5	012609033
0,8x4x150	5	012609036
1x5,5x100	5	012609039
1x5,5x150	5	012609042
1,5x6,5x100	5	012609048
1,2x6,5x150	5	012609051
1,2x8x150	3	012609057
1,2x8x200	3	012609060
1,6x10x200	3	012609066

1260NK



SxAxL mm	⚙️	📦
0,8x4x30	5	012609103
1,2x6,5x30	5	012609106

1260EK



SxAxL mm	⚙️	📦
1,2x6,5x150	3	012609156
1,2x8x175	3	012609157
1,6x10x200	2	012609159
2x12x250	2	012609162

1262K



PHxDxL mm	⚙️	📦
0x3x60	5	012629003
0x3x100	5	012629006
1x4,5x80	5	012629009
1x4,5x120	5	012629012
2x6x100	5	012629018
2x6x150	5	012629021
3x8x150	3	012629024
4x10x200	3	012629027

1262NK



PHxDxL mm	⚙️	📦
1x4,5x30	5	012629103
2x6x30	5	012629106

1262EK



PHxDxL mm	⚙️	📦
2x6x150	3	012629153
3x8x175	3	012629156
4x10x200	3	012629159

1264K



SxDxL mm	⚙️	📦
0,5x2,5x60	5	012649003
0,6x3x75	5	012649006
0,6x3x100	5	012649009
0,8x4x100	5	012649012
0,8x4x125	5	012649015
1x5x125	5	012649018
1x5x150	5	012649021
1,2x6,5x150	5	012649024

1267TXK



⊖	⚙️	📦
T5	5	012679005
T6	5	012679006
T7	5	012679007
T8	5	012679008
T9	5	012679009
T10	5	012679010
T15	5	012679015
T20	5	012679020
T25	5	012679025
T27	5	012679027
T30	5	012679030
T40	2	012679040
T45	2	012679045

1268RTXK



⊕	⚙️	📦
T9	3	012689009
T10	3	012689010
T15	3	012689015
T20	3	012689020
T25	3	012689025
T27	3	012689027
T30	3	012689030
T40	2	012689040

1269PZK



PZ	⚙️	📦
0	5	012699000
1	5	012699001
2	5	012699002
3	3	012699003
4	3	012699004

1269N/PZK



PZ	⚙️	📦
1	5	012699011
2	5	012699012

1290K



SxAxL mm	⚙️	📦
0,4x2,5x50	5	012909003
0,4x2,5x75	5	012909006
0,5x3x75	10	012909009
0,5x3x100	10	012909012
0,6x3,5x75	10	012909018
0,6x3,5x100	10	012909021
0,8x4x100	10	012909030
0,8x4x125	10	012909033
0,8x4x150	10	012909036
1x5,5x100	10	012909039
1x5,5x150	10	012909042
1,2x6,5x100	10	012909048
1,2x6,5x150	10	012909051
1,2x8x150	3	012909057
1,2x8x200	3	012909060
1,6x10x200	3	012909066

1290NK



SxAxL mm	⚙️	📦
0,8x4x30	5	012909103
1,2x6,5x30	5	012909106

1292K



PHxDxL mm	⚙️	📦
0x3x60	10	012929003
0x3x100	5	012929006
1x4,5x80	10	012929009
1x4,5x120	10	012929012
2x6x100	10	012929018
2x6x150	10	012929021
3x8x150	3	012929024
4x10x200	3	012929027

1292NK



PHxDxL mm	⚙️	📦
1x4,5x30	5	012929103
2x6x30	5	012929106

1294K



SxDxL mm		
0,5x2,5x60	5	012949003
0,6x3x75	5	012949006
0,8x4x100	5	012949012
1x5x125	5	012949018

1298RTXK



T9	5	012989009
T10	5	012989010
T15	5	012989015
T20	5	012989020
T25	5	012989025
T27	5	012989027
T30	5	012989030
T40	2	012989040

1299PZK



PZ		
0	5	012999000
1	5	012999003
2	5	012999006

1299N/PZK



PZ		
1	5	012999021
2	5	012999024

1472VW



L mm		
200	1	014720051

1473P



A Max mm		
53	1	014730020

1497RC



1497RC	1	014970351

1603K



mm ² 0÷8		
0÷8	5	016039001

1603BK



mm ² 0÷8		
0÷8	2	016039010

1691BM



L m		
5	1	016910205
8	1	016910208
10	1	016910210

1692



L m		
2	5	016920052
3	5	016920053
5	5	016920055
8	5	016920058

1729CG



L mm		
310	2	017290200

1729DM 450



L mm		
450	4	017290450

1741U



Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741U	1	017410450

Beta

1741B



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741B 1 017410000

1760K



CAT III-1000V



1760K 1 017600140

1762K



Ø mm	2-2,5-3	3,5-4-4,5
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1762K 2 017629001

1771



1771 10 017710000

1770BM



1770BM 10 017700050

1771BM



1771BM 10 017710050

1772R



1772R 5 017720006

1773A



1773A 10 017730000

1777BMT



1777BMT 5 017770050

1777T



1777T 5 017770030

1783



1783 5 017830021
1783 5 017830024

1820



1820 30 1 018200003
30W
L = 210mm
1820 60 1 01820006
60W
L = 220mm
1820 80 1 01820008
80W
L = 260mm

1822



1822 120 1 018220012
120W
LxA = 250x125mm
1822 180 1 018220018
180W
LxA = 250x125mm
1822 320 1 018220032
320W
LxA = 250x140mm

1834PS



1834PS 1 018340310

1834PM



1834PM 1 018340320

1834PL



1834PL 1 018340325



1834PXL



1834PXL 1 018340330

1834RR



1834RR 1 018340520

1836A

CE



1836A 1 018360050

1836B

CE



1836B 1 018360200

1837N



L mm 450 1 018370002

1838COB

CE



IP65



1838COB 1 018380010

1838P

CE



1838P 1 018380005

1838SLR

CE



IP30



1838SLR 1 018380201

1838SN

CE



IP20



1838SN 1 018380132

6888B1/4

blister support for 1/4" sockets



6888B1/4 50 068880900

6888B3/8

blister support for 3/8" sockets



6888B3/8 50 068880910

6888B1/2

blister support for 1/2" sockets

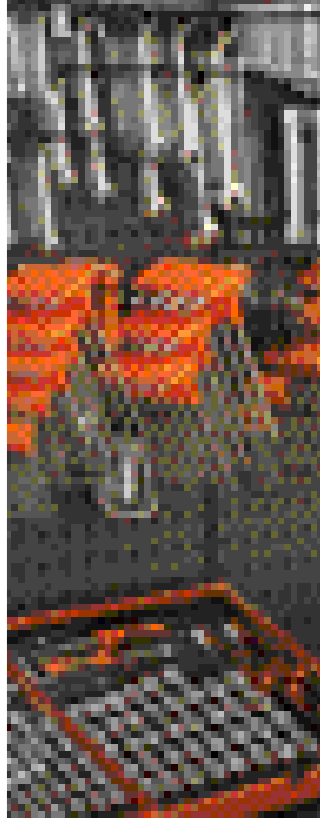
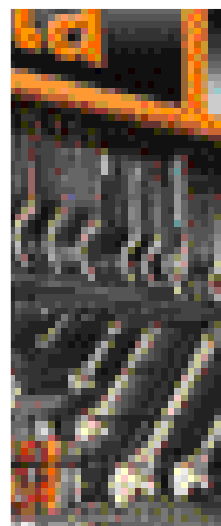
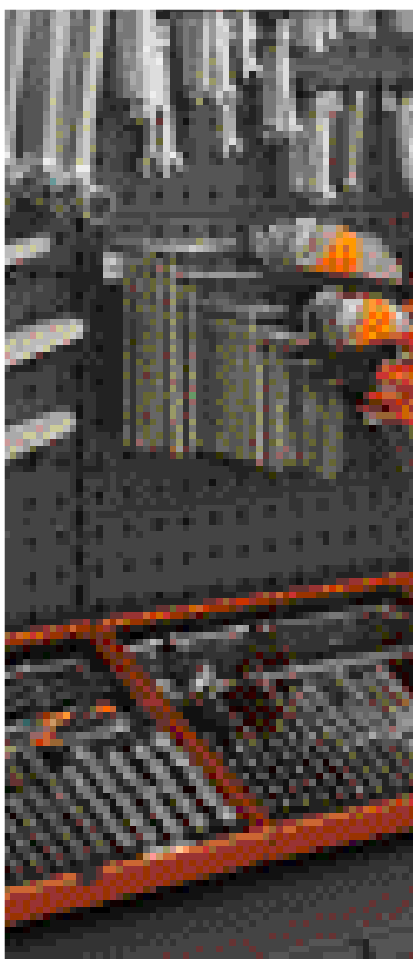


6888B1/2 50 068880920

Beta

Beta

DISPLAY UNITS FOR SALES POINTS



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38/DS1

wall-mounted display with 75 punches



495x260x332 mm

display with assortment **38/DS1** 1 000380701

		n.
30	Ø 2 - 3 - 4 - 5 - 6 mm	5
31	Ø 2 - 3 - 4 - 5 - 6 - 8 - 10 mm	5
32	Ø 3 - 4 - 5 mm	5

empty display **38/DVS1** 1 000380751

38/DS2

wall-mounted display with 65 chisels



495x260x332 mm

display with assortment **38/DS2** 1 000380702

		n.
34	125 - 150 - 175 mm	5
35	100 - 125 - 150 - 200 - 250 - 300 mm	5
36	125 - 150 mm	5
37	150 - 200 mm	5

empty display **38/DVS2** 1 000380752

942BX/DG

wall-mounted display with 43 hi-torque hexagon nut spinners, short series



330x260x332 mm

display with assortment **942BX/DG** 1 009420701

		n.
⊙ 942BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty display **942BX/DVG** 1 009420751

943BX/DG

wall-mounted display with 43 hi-torque hexagon nut spinners, long series



330x260x332 mm

display with assortment **943BX/DG** 1 009430701

		n.
⊙ 943BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty display **943BX/DVG** 1 009430751

944BX/DG

wall-mounted display with 43 deep hi-torque hexagon nut spinners with handles, long series



330x260x332 mm

display with assortment **944BX/DG** 1 009440701

		n.
⊙ 944BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty display **944BX/DVG** 1 009440751

943MQ/BG

wall-mounted display with 30 hexagon nut spinners



⚡ 1000 V ⚡

330x260x332 mm

display with assortment **943MQ/BG** 1 009430281

		n.
⊙ 943MQ	5,5 - 6 - 7 - 8 - 10 - 13 mm	5

empty display **943BG-MQ/DV** 1 009430285

1203/E1P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display
with assortment

1 012030301

Symbol	Code	Description	Quantity
	n.		
●	1201	0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100 0,8x4x100 - 0,8x4x125 mm	7
		1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
		1,2x8x150 mm	5
⊕	1202	PH0x3x60 mm	7
		PH1x4,5x80 - PH2x6x100 mm	6
		PH3x8x150 mm	5

empty
display

1 012030351

1203/E4P

wall-mounted display with 85 screwdrivers



495x260x310 mm

display
with assortment

1 012030304

Symbol	Code	Description	Quantity
	n.		
●	1201	0,4x2,5x50 - 0,5x3x75 - 0,8x4x125 mm	7
		1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
●	1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
		1,0x5x125 mm	6
⊕	1209PZ	PZ0x3x60 mm	7
		PZ1x4,5x80 - PZ2x6x100 mm	6

empty
display

1 012030354

1203/E5P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display
with assortment

1 012030305

Symbol	Code	Description	Quantity
	n.		
⊕	1202	PH0x3x60 mm	7
		PH1x4,5x80 - PH1x4,5x120 PH2x6x100 - PH2x6x150 mm	6
		PH3x8x150 mm	5
●	1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
		1,0x5x125 mm	6
⊕	1209PZ	PZ0x3x60 mm	7
		PZ1x4,5x80 - PZ2x6x100 mm	6

empty
display

1 012030355

1203/E10P

wall-mounted display with 80 screwdrivers



495x260x310 mm

display
with assortment

1 012030310

Symbol	Code	Description	Quantity
	n.		
⊖	1207TX	T6	4
		T7	3
		T8	7
		T9 - T10 - T15 - T20 - T25	6
		T27 - T30	3
⊕	1208RTX	T9 - T10	3
		T15 - T20 - T25	6
		T27 - T30	3

empty
display

1 012030360

1263/E78

wall-mounted display with 78 screwdrivers



display
with assortment

1 012630510

Symbol	Code	Description	Quantity
●	1260	2,5x75-3x75-3,5x100 mm	7
⊕	1262	PH0x60 mm	7
		4x100-4x125-5,5x100-5,5x150-6,5x150 mm	6
		8x150 mm	4
		PH1x80-PH2x100 mm	6
		PH3x150	4

empty
display

1 012630511

1263/E85

wall-mounted display
with 85 screwdrivers



495x260x377 mm

display
with assortment

1 012630550

Symbol	Code	Description	Quantity
	n.		
●	1260	2,5x50 mm	7
		2,5x75 mm	6
		3x75 - 3x100 - 3,5x100 mm	7
		4x100 - 4x125 - 5,5x125	6
		5,5x150 - 6,5x150 mm	4
		8x150 mm	4
●	1260E	10x200 mm	3
		12x250 mm	2
●	1260N	4x30 - 6,5x30 mm	6

empty
display

1 012630551

1263/E70

wall-mounted display
with 70 screwdrivers



495x260x327 mm

display
with assortment
1263/E70 1 012630560

	n.
➕ 1262 PH0x60 - PH0x100 mm	7
PH1x80 - PH1x120 mm	6
PH2x100 mm	9
PH2x150 - PH3x150 mm	5
PH4x200 mm	4
➕ 1262E PH2x150 mm	5
PH3x175 mm	4
➕ 1262N PH1x30 - PH2x30 mm	6

empty
display
1263/EV70 1 012630561

1263/E50

wall-mounted display
with 50 screwdrivers



330x260x269 mm

display
with assortment
1263/E50 1 012630570

	n.
● 1264 2,5x60 - 3x75 - 3x100 mm	7
4x100 - 4x125 - 5x125 - 5x150 mm	6
6,5x150 mm	5

empty
display
1263/EV50 1 012630571

1263/E62

wall-mounted display
with 62 screwdrivers



495x260x257 mm

display
with assortment
1263/E62 1 012630590

	n.
➕ 1267TX T5	5
T6	6
T7	5
T8	6
T9	5
T10 - T15 - T20	6
T25	5
T27 - T30	4
T40 - T45	2

empty
display
1263/EV62 1 012630591

1263/E39

wall-mounted display
with 39 screwdrivers



330x260x257 mm

display
with assortment
1263/E39 1 012630595

	n.
➕ 1268RTX T9x60 - T10x80 - T15x80	6
T20x100 - T25x100 mm	4
T27x115 mm	3
T30x115 mm	2
T40x130 mm	2

empty
display
1263/EV39 1 012630596

1263/E40

wall-mounted display
with 40 screwdrivers



330x260x327 mm

display
with assortment
1263/E40 1 012630580

	n.
➕ 1269 PZ0x60 mm	7
PZ1x80 mm	6
PZ2x100 - PZ3x150 - PZ4x200 mm	5
➕ 1269N PZ1x30 - PZ2x30 mm	6

empty
display
1263/EV40 1 012630581

1273MQ/E1

wall-mounted display with 40 screwdrivers



▲ 1000 V

330x260x332 mm

display
with assortment
1273MQ/E1 1 012730312

	n.
➕ 1272MQ PH0x60 - PH1x80 mm	5
PH2x100 mm	3
PH3x150 mm	2
● 1274MQ 3x100 - 4x100 - 5,5x125 - 6,5x150 mm	5
8x175 mm	3
10x200 mm	2

empty
display
1273BG-MQ/DV 1 012730651

1293BX/DA

wall-mounted display with 90 screwdrivers



495x260x332 mm

display
with assortment
1293BX/DA

1 012930701

		n.
● 1290	3x75 - 3,5x100 - 4x100 - 4x125 5,5x100 - 5,5x150 mm 6,5x150 mm	7 6
	8x150 mm	3
	10x200 mm	2
● 1290N	4x30 - 6,5x30 mm	3
⊕ 1292	PH0x60 - PH1x80 mm	7
	PH2x100 mm	6
	PH3x150 mm	5
⊕ 1292N	PH1x30 - PH2x30 mm	3

empty
display
1293BX/DVA

1 012930751

1293BX/DD

wall-mounted display with 48 screwdrivers



330x260x332 mm

display
with assortment
1293BX/DD

1 012930704

		n.
● 1294	2,5x60 - 3x75 - 3x100 - 4x100 4x150 - 5x125 mm 6,5x150 mm	7 6

empty
display
1293BX/DVD

1 012930754

1293BX/DE

wall-mounted display with 42 screwdrivers



330x260x332 mm

display
with assortment
1293BX/DE

1 012930705

		n.
⊕ 1299PZ	PZ0x60 - PZ1x80 mm PZ2x100 mm PZ3x150 - PZ4x200 mm	7 6 5
⊕ 1299N/PZ	PZ1x30 - PZ2x30 mm	6

empty
display
1293BX/DVE

1 012930755

1293BX/DF

wall-mounted display with 59 screwdrivers



330x260x332 mm

display
with assortment
1293BX/DF

1 012930706

		n.
⊖ 1297TX	T6 - T8 - T10 - T15 - T20 - T25 T27 - T30 T40	7 6 5

empty
display
1293BX/DVF

1 012930756

Beta

C68

Beta wall display, empty



1000x560x2200 mm

C68/1	1 m	1	068000001
C68/2	2 m	1	068000002
C68/3	3 m	1	068000003
C68/4	4 m	1	068000004
C68/5	5 m	1	068000005
C68/6	6 m	1	068000006
C68/7	7 m	1	068000007
C68/8	8 m	1	068000008
C68/9	9 m	1	068000009
C68/10	10 m	1	068000010

C68 G

"gondola" display



1000x1120x1600 mm

C68G/1	1 m	1	068000051
C68G/2	2 m	1	068000052
C68G/3	3 m	1	068000053
C68G/4	4 m	1	068000054

C88 R/1

Robur wall display, empty



1000x560x2200 mm

C88R/1	1 m	1	088000001
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C88VE

display tray for display walls C88

suitable for housing coils of chains item 8120



C88VE		1	088000120
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C88SE

display tray for Genovese chain reels

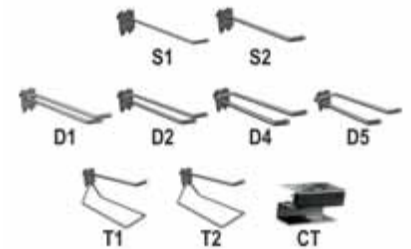


C88SE		1	088000130
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1700x600x600 mm

6888

hooks for displays C60 - C61 - C68 - C88



6888S1		10	068880011
6888S2		10	068880012
6888D1		5	068880021
6888D2		5	068880022
6888D4		5	068880024
6888D5		5	068880025
6888T1		5	068880031
6888T2		5	068880032
6888CT		1	068880044

6800 VE

showcase for wall displays C68 and C88 R/1



6800VE/1	1 m	1	068000401
6800VE/2	2 m	1	068000402
6800VE/3	3 m	1	068000403
6800VE/4	4 m	1	068000404
6800VE/5	5 m	1	068000405

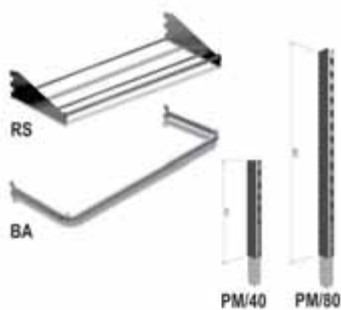
ACCESSORIES



6800AE	1	068000145
6800AI	1	068000140
6800AD/P	1	068000143



6800CB/100	1	068000104
6800FB/100	1	068000109
6800FO/100	1	068000108
6800PL	1	068000137
6800RP/100	1	068000150
6800GR/37	1	068000159



6800BA	1	068000130
6800RS	1	068000135
6800PM/40	1	068000171
6800PM/80	1	068000172

6600 M/11

assortment of 154 tools,
with hooks without panel



6600 M/11	1	066000011
-----------	---	-----------

6600 M/22

assortment of 108 tools,
with hooks without panel



6600 M/22	1	066000022
-----------	---	-----------

6600 M/27

assortment of 25 tools,
with hooks without panel



6600 M/27	1	066000027
-----------	---	-----------

6600 M/33

assortment of 37 tools, with hooks without
panel



6600 M/33	1	066000033
-----------	---	-----------

6600 M/39

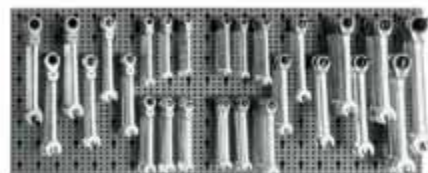
assortment of 77 tools,
with hooks without panel



6600 M/39	1	066000039
-----------	---	-----------

6600 M/40

assortment of 100 tools,
with hooks without panel



6600 M/40	1	066000040
-----------	---	-----------

6600 M/47

assortment of 65 tools,
with hooks without panel



6600 M/47	1	066000047
-----------	---	-----------

6600 M/51

assortment of 257 tools
with hooks without panel



6600 M/51	1	066000051
-----------	---	-----------

6600 M/52

assortment of 176 tools
with hooks without panel





6600 M/52	1	066000052
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6600 M/58

assortment of 150 tools
with hooks without panel





6600 M/58   1 066000058

6600 M/61

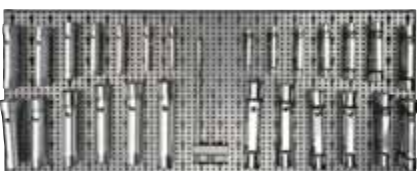
assortment of 71 tools,
with hooks without panel





6600 M/61   1 066000061

6600 M/63

assortment of 110 tools
with hooks without panel





6600 M/63   1 066000063

6600 M/73

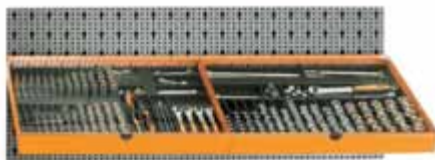
assortment of 68 tools
with hooks without panel





6600 M/73   1 066000073

6600 M/112

assortment of 329 tools,
with hooks without panel





6600 M/112   1 066000112

6600 M/116

assortment of 306 tools,
with hooks without panel





6600 M/116   1 066000116

6600 M/120

assortment of 163 tools,
with hooks without panel





6600 M/120   1 066000120

6600 M/125

assortment of 133 tools,
with hooks without panel





6600 M/125   1 066000125

6600 M/126

assortment of 58 tools,
with hooks without panel





6600 M/126   1 066000126

6600 M/131

assortment of 92 tools,
with hooks without panel



6600 M/131   1 066000131

6600 M/174

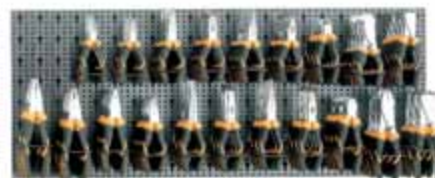
assortment of 13 tools, with hooks without
panel





6600 M/174   1 066000174

6600 M/216

assortment of 80 tools
with hooks without panel



6600 M/216   1 066000216

6600 M/221

assortment of 83 tools
with hooks without panel



6600 M/221



6600 M/244

assortment of 91 tools
with hooks without panel



6600 M/244



6600 M/326

assortment of 155 tools,
with hooks without panel



6600 M/326



6600 M/230

assortment of 78 tools,
with hooks without panel



6600 M/230



6600 M/311

assortment of 114 tools,
with hooks without panel

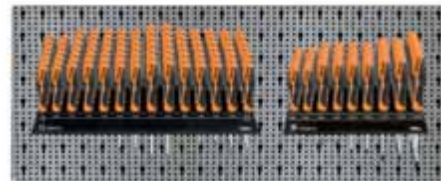


6600 M/311



6600 M/327

assortment of 101 tools,
with hooks without panel



6600 M/327



6600 M/234

assortment of 31 tools
with hooks without panel

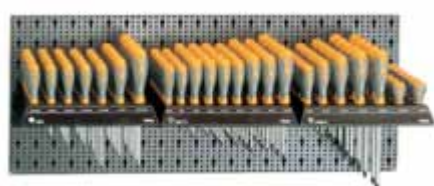


6600 M/234



6600 M/315

assortment of 149 tools,
with hooks without panel

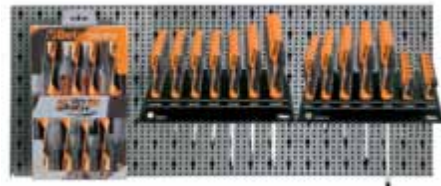


6600 M/315



6600 M/330

assortment of 110 tools,
with hooks without panel



6600 M/330



6600 M/241

assortment of 43 tools,
with hooks without panel

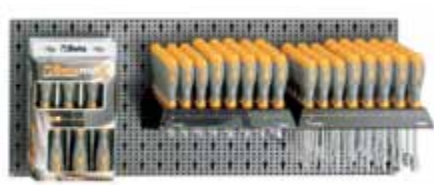


6600 M/241



6600 M/320

assortment of 98 tools,
with hooks without panel

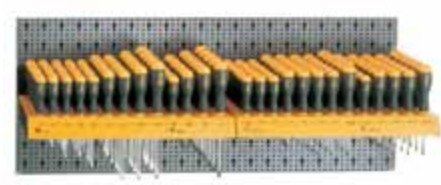


6600 M/320



6600 M/370

assortment of 162 tools,
with hooks without panel





6600 M/370



6600 M/378

assortment of 73 tools
with hooks without panel



6600 M/378   1 066000378

6600 M/422

assortment of 43 tools, with hooks without panel



6600 M/422   1 066000422

6600 M/423

assortment of 30 tools, with hooks without panel



6600 M/423   1 066000423

6600 M/424

assortment of 36 tools, with hooks without panel





6600 M/424   1 066000424

6600 M/427

assortment of 24 tools,
with hooks without panel





6600 M/427   1 066000427

6600 M/430

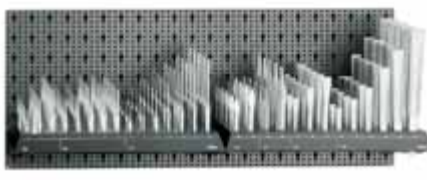
assortment of 29 tools,
with hooks without panel





6600 M/430   1 066000430

6600 M/440

assortment of 140 tools,
with hooks without panel





6600 M/440   1 066000440

6600 M/456

assortment of 41 tools,
with hooks without panel



6600 M/456   1 066000456

6600 M/465

assortment of 36 tools, with hooks without panel





6600 M/465   1 066000465

6600 M/480

assortment of 18 tools,
with hooks without panel





6600 M/480   1 066000480

6600 M/485

assortment of 12 tools,
with hooks without panel





6600 M/485   1 066000485

6600 M/510

assortment of 16 tools,
with hooks without panel



6600 M/510   1 066000510

6600 M/529

assortment of 56 tools, with hooks without panel



6600 M/529

1 066000529

6600 M/532

assortment of 24 tools
with hooks without panel



6600 M/532

1 066000532

6600 M/542

assortment of 53 tools,
with hooks without panel



6600 M/542

1 066000542

6600 M/561

assortment of 60 tools,
with hooks without panel



6600 M/561

1 066000561

6600 M/583

assortment of 22 tools
with hooks without panel



6600 M/583

1 066000583

6600 M/609

assortment of 67 tools,
with hooks without panel



6600M/609

1 066000609

6600 M/637

assortment of 87 tools,
with hooks without panel



6600 M/637

1 066000637

6600 M/650

assortment of 28 tools,
with hooks without panel

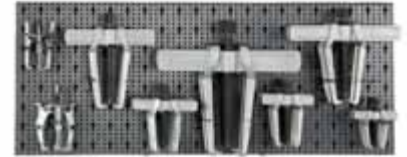


6600 M/650

1 066000650

6600 M/657

assortment of 17 tools,
with hooks without panel

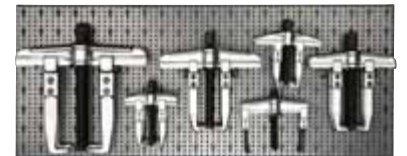


6600 M/657

1 066000657

6600 M/658

assortment of 14 tools
with hooks without panel



6600 M/658

1 066000658

6600 M/715

assortment of 63 tools,
with hooks without panel



6600 M/715

1 066000715

6600 M/813

assortment of 25 tools, with hooks without panel



6600 M/813

1 066000813

6600 M/842

assortment of 36 tools, with hooks without panel



6600 M/842 1 066000842

6600 M/843

assortment of 18 tools, with hooks without panel

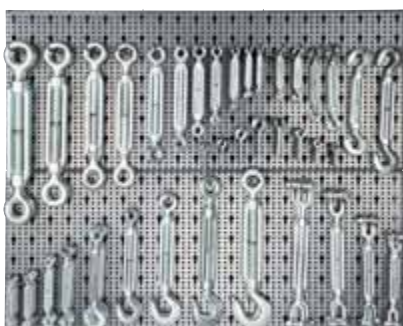


6600 M/843 1 066000843



8600 R/10

assortment of 672 wire rope accessories, with hanging hooks without panel



8600 R/10 1 086000010

8600 R/112

assortment of 1942 wire rope accessories, with hanging hooks without panel



8600 R/112 1 086000112

8600 R/224

assortment of 61 wire rope accessories, with hooks without panel



8600 R/224 1 086000224

8600 R/411

assortment of 551 wire rope accessories, STAINLESS STEEL, with hooks without panel



8600 R/411 1 086000411

8600 R/514

assortment of 14 Genovese chain reels with display tray



8600 R/514 1 086000514



8600 E/R

assortment of 3226 wire rope accessories, with hooks without display stand



8600E/R 1 086000917

6600 E/A10

assortment of 605 tools, with hooks without display stand



6600 E/A10 1 066000927

6600 E/A20

assortment of 917 tools
with hooks without display stand



6600 E/A20

1 066000913

6600 E/B10

assortment of 596 tools
with hooks without display stand



6600 E/B10

1 066000925

6600 E/C10

assortment of 309 tools
with hooks without display stand



6600 E/C10

1 066000929

6600 E/A30

assortment of 723 tools
with hooks without display stand



6600 E/A30

1 066000924

6600 E/B20

assortment of 601 tools
with hooks without display stand



6600 E/B20

1 066000926

6600 E/K20

assortment of 386 tools,
with hooks without display stand



6600 E/K20

1 066000983

SAFETY FOOTWEAR

SAFETY STANDARDS

HOW TO CHOOSE SAFETY FOOTWEAR

Make sure that the footwear matches the required protection class, according to type and workplace. Below you will find the European reference standards, including any and all additional specifications.

EN ISO 20344: Test methods and general requirements.

EN ISO 20345: Safety footwear with toe caps resistant to shocks up to 200 Joules.

EN ISO 20346: Protective footwear with toe caps resistant to shocks up to 100 Joules.

EN ISO 20347: Occupational footwear, no toe caps required.

EN ISO 20345 The footwear that complies with this norm is marked with the letter "S" (Safety). The letter "S" is followed by letters and/or numbers indicating the protection class the footwear belongs to.

SB Minimum requirements: 200 Joule toe cap.

Upper made from split leather or the like.

Minimum upper height.

S1 SB characteristics supplemented with the following:

Antistatic footwear (A).

Energy absorption in the heel region (E).

Closed back. (Low shoes as well)

Antislip UNI EN ISO 20345. Method in accordance with EN 13287

S2 S1 characteristics supplemented with the following:

Waterproof upper, no water penetration for at least 1h (WRU).

S3 S2 characteristics supplemented with the following:

Penetration proof insole or inset (P).

Gripped outsole.

S4 S1 characteristics supplemented with the following:

Hydrocarbon proof outsole (ORO).

S5 S4 characteristics supplemented with the following:

Penetration proof insole or inset (P).

Gripped outsole.

EN ISO 20346 These shoes are basically the same as safety footwear. However, since they have 100 Joule toe caps, they are marked with the letter "P" (Protective). Hence they are defined as protective footwear. They are used in workplace environments requiring no more than 100 Joule operation.

EN ISO 20347 These shoes do not have any protective toe caps and are marked with the letter "O" (Occupational); hence they are considered occupational footwear.

Over the years the safety footwear line has gained the most demanding professionals' confidence and preference. These products have been proving so successful as to result in a regularly upgraded and expanded range.

To make it easier to identify both the specifications and the details that suit you best, read the section and icons below.



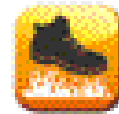
Penetration proof midsole or inset



Flexing resistance >60,000



Steel, aluminium or plastic toe cap



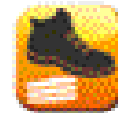
Outsole resistant to hot contact (300 °C/min.)



Antistatic footwear



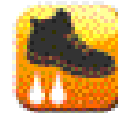
Shoe with a wide body for enhanced comfort



Energy absorption in the heel region



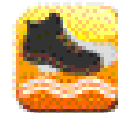
Nonmagnetic shoe, totally free from metal parts



Oil, hydrocarbon and solvent proof outsole



Shoe designed and developed to allow electrostatic charges to be steadily dissipated from the body to the ground



Antislip outsole



Shoe designed and developed to provide cold insulation (CI)

WARNINGS

PRELIMINARY CHECKS AND USE

Before using the shoes, visually check their general state – that is, the seams, the sole and the closures –; also make sure that the shoes match all the specifications on the label, and, above all, that they are provided with steel toes and penetration proof steel midsoles.

MISUSE

Prolonged and/or repeated use:

- in contact with organic agents, herbicides, pesticides and highly concentrated acids
- at very low or very high temperatures (below -10 °C and over $+70\text{ °C}$)
- fully dipped into water, mud, mortar and alike is not recommended.

EASY



7241EN

leather shoe, water-repellent

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK		
35	2,5	1	072410835
36	3,5	1	072410836
37	4,5	1	072410837
38	5	1	072410838
39	6	1	072410839
40	6,5	1	072410840
41	7	1	072410841
42	8	1	072410842
43	9	1	072410843
44	10	1	072410844
45	10,5	1	072410845
46	11	1	072410846
47	12	1	072410847
48	13	1	072410848



CE

S3 SRC

EN ISO
20345
2011



7243EN

leather ankle shoe, water-repellent,
with quick opening system

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK		
35	2,5	1	072430835
36	3,5	1	072430836
37	4,5	1	072430837
38	5	1	072430838
39	6	1	072430839
40	6,5	1	072430840
41	7	1	072430841
42	8	1	072430842
43	9	1	072430843
44	10	1	072430844
45	10,5	1	072430845
46	11	1	072430846
47	12	1	072430847
48	13	1	072430848



CE

S3 RS SRC

EN ISO
20345
2011



7246E

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK		
35	2,5	1	072460435
36	3,5	1	072460436
37	4,5	1	072460437
38	5	1	072460438
39	6	1	072460439
40	6,5	1	072460440
41	7	1	072460441
42	8	1	072460442
43	9	1	072460443
44	10	1	072460444
45	10,5	1	072460445
46	11	1	072460446
47	12	1	072460447
48	13	1	072460448



CE

S1P SRC

EN ISO
20345
2011



BASIC



7239C

leather ankle boot, water-repellent, with cold insulation membrane and reinforcement polyurethane toe cap cover

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK		
35	2,5	1	072390235
36	3,5	1	072390236
37	4,5	1	072390237
38	5	1	072390238
39	6	1	072390239
40	6,5	1	072390240
41	7	1	072390241
42	8	1	072390242
43	9	1	072390243
44	10	1	072390244
45	10,5	1	072390245
46	11	1	072390246
47	12	1	072390247
48	13	1	072390248

CE



S3 CI SRC

EN ISO
20345
2011



7241BK

leather shoe

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072411235
36	3,5	1	072411236
37	4,5	1	072411237
38	5	1	072411238
39	6	1	072411239
40	6,5	1	072411240
41	7	1	072411241
42	8	1	072411242
43	9	1	072411243
44	10	1	072411244
45	10,5	1	072411245
46	11	1	072411246
47	12	1	072411247
48	13	1	072411248

CE



S1P SRC

EN ISO
20345
2011



7241CK

leather shoe, water-repellent

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072411535
36	3,5	1	072411536
37	4,5	1	072411537
38	5	1	072411538
39	6	1	072411539
40	6,5	1	072411540
41	7	1	072411541
42	8	1	072411542
43	9	1	072411543
44	10	1	072411544
45	10,5	1	072411545
46	11	1	072411546
47	12	1	072411547
48	13	1	072411548

CE



S3 SRC

EN ISO
20345
2011



7241FT

leather shoe, waterproof,
without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole



EU	UK	
35	2,5	1 072410635
36	3,5	1 072410636
37	4,5	1 072410637
38	5	1 072410638
39	6	1 072410639
40	6,5	1 072410640
41	7	1 072410641
42	8	1 072410642
43	9	1 072410643
44	10	1 072410644
45	10,5	1 072410645
46	11	1 072410646
47	12	1 072410647
48	13	1 072410648



CE

O2 FO SRC

EN ISO
20347
2012



7243BK

leather ankle shoe

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	
35	2,5	1 072431235
36	3,5	1 072431236
37	4,5	1 072431237
38	5	1 072431238
39	6	1 072431239
40	6,5	1 072431240
41	7	1 072431241
42	8	1 072431242
43	9	1 072431243
44	10	1 072431244
45	10,5	1 072431245
46	11	1 072431246
47	12	1 072431247
48	13	1 072431248



CE

S1P SRC

EN ISO
20345
2011



7243CK

leather ankle shoe, water-repellent,
with quick opening system

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	
35	2,5	1 072431335
36	3,5	1 072431336
37	4,5	1 072431337
38	5	1 072431338
39	6	1 072431339
40	6,5	1 072431340
41	7	1 072431341
42	8	1 072431342
43	9	1 072431343
44	10	1 072431344
45	10,5	1 072431345
46	11	1 072431346
47	12	1 072431347
48	13	1 072431348



CE

S3 RS SRC

EN ISO
20345
2011



7243CR

leather ankle shoe, waterproof,
with durable rubber outsole
and quick opening system

- Steel toe cap
- Elastic steel penetration-proof insole

EU	UK	
35	2,5	1 072430735
36	3,5	1 072430736
37	4,5	1 072430737
38	5	1 072430738
39	6	1 072430739
40	6,5	1 072430740
41	7	1 072430741
42	8	1 072430742
43	9	1 072430743
44	10	1 072430744
45	10,5	1 072430745
46	11	1 072430746
47	12	1 072430747
48	13	1 072430748



CE

S3 RS HRO SRC

EN ISO
20345
2011



7243FT

leather ankle shoe, waterproof,
without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole

EU	UK		
35	2,5	1	072430635
36	3,5	1	072430636
37	4,5	1	072430637
38	5	1	072430638
39	6	1	072430639
40	6,5	1	072430640
41	7	1	072430641
42	8	1	072430642
43	9	1	072430643
44	10	1	072430644
45	10,5	1	072430645
46	11	1	072430646
47	12	1	072430647
48	13	1	072430648



CE

O2 FO SRC



7245BK

lace-up leather ankle shoe, "welder" style, water-repellent, with
quick opening system
and front protection with strap closure

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072451235
36	3,5	1	072451236
37	4,5	1	072451237
38	5	1	072451238
39	6	1	072451239
40	6,5	1	072451240
41	7	1	072451241
42	8	1	072451242
43	9	1	072451243
44	10	1	072451244
45	10,5	1	072451245
46	11	1	072451246
47	12	1	072451247
48	13	1	072451248



CE

S3 RS SRC



7246BK

suede shoe, perforated

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072461235
36	3,5	1	072461236
37	4,5	1	072461237
38	5	1	072461238
39	6	1	072461239
40	6,5	1	072461240
41	7	1	072461241
42	8	1	072461242
43	9	1	072461243
44	10	1	072461244
45	10,5	1	072461245
46	11	1	072461246
47	12	1	072461247
48	13	1	072461248



CE

S1P SRC



7247BK

leather sandal, perforated

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072471235
36	3,5	1	072471236
37	4,5	1	072471237
38	5	1	072471238
39	6	1	072471239
40	6,5	1	072471240
41	7	1	072471241
42	8	1	072471242
43	9	1	072471243
44	10	1	072471244
45	10,5	1	072471245
46	11	1	072471246
47	12	1	072471247
48	13	1	072471248



CE

S1P SRC



7328EA
safety boot, "Top Visibility"

- Steel toe cap
- Stainless steel penetration proof insole

EU	UK		
38	5	1	073280538
39	6	1	073280539
40	6,5	1	073280540
41	7	1	073280541
42	8	1	073280542
43	9	1	073280543
44	10	1	073280544
45	10,5	1	073280545
46	11	1	073280546
47	12	1	073280547



CE

S5 SRC



7328EN
safety boot

- Steel toe cap
- Stainless steel penetration proof insole

EU	UK		
38	5	1	073280738
39	6	1	073280739
40	6,5	1	073280740
41	7	1	073280741
42	8	1	073280742
43	9	1	073280743
44	10	1	073280744
45	10,5	1	073280745
46	11	1	073280746
47	12	1	073280747



CE

S5 SRC



EASY PLUS



7220PEK

leather shoe, water-repellent, with nylon inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072200235
36	3,5	1	072200236
37	4,5	1	072200237
38	5	1	072200238
39	6	1	072200239
40	6,5	1	072200240
41	7	1	072200241
42	8	1	072200242
43	9	1	072200243
44	10	1	072200244
45	10,5	1	072200245
46	11	1	072200246
47	12	1	072200247
48	13	1	072200248



CE

S3 SRC



7221PEK

leather ankle shoe, water-repellent, with nylon inserts, anti-abrasion reinforcement in toe cap area and quick opening system

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	
35	2,5	1 072210235
36	3,5	1 072210236
37	4,5	1 072210237
38	5	1 072210238
39	6	1 072210239
40	6,5	1 072210240
41	7	1 072210241
42	8	1 072210242
43	9	1 072210243
44	10	1 072210244
45	10,5	1 072210245
46	11	1 072210246
47	12	1 072210247
48	13	1 072210248



CE

S3 RS SRC



7223PEK

suede shoe with highly breathable mesh inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	
35	2,5	1 072230135
36	3,5	1 072230136
37	4,5	1 072230137
38	5	1 072230138
39	6	1 072230139
40	6,5	1 072230140
41	7	1 072230141
42	8	1 072230142
43	9	1 072230143
44	10	1 072230144
45	10,5	1 072230145
46	11	1 072230146
47	12	1 072230147
48	13	1 072230148



CE

S1P SRC



7224PEK

suede shoe, perforated, with anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	
35	2,5	1 072240235
36	3,5	1 072240236
37	4,5	1 072240237
38	5	1 072240238
39	6	1 072240239
40	6,5	1 072240240
41	7	1 072240241
42	8	1 072240242
43	9	1 072240243
44	10	1 072240244
45	10,5	1 072240245
46	11	1 072240246
47	12	1 072240247
48	13	1 072240248



CE

S1P SRC



FLEX



7212FG

suede shoe, perforated, with anti-abrasion insert in toe cap area
Extremely flexible and lightweight - approximate weight, size 42: 450 g
Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	072120035
36	3,5	1	072120036
37	4,5	1	072120037
38	5	1	072120038
39	6	1	072120039
40	6,5	1	072120040
41	7	1	072120041
42	8	1	072120042
43	9	1	072120043
44	10	1	072120044
45	10,5	1	072120045
46	11	1	072120046
47	12	1	072120047
48	13	1	072120048



EN ISO
20345
2011



CE

S1P SRC

7213FG

suede shoe with highly breathable mesh inserts
Extremely flexible and lightweight - approximate weight, size 42: 450 g
Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	072130035
36	3,5	1	072130036
37	4,5	1	072130037
38	5	1	072130038
39	6	1	072130039
40	6,5	1	072130040
41	7	1	072130041
42	8	1	072130042
43	9	1	072130043
44	10	1	072130044
45	10,5	1	072130045
46	11	1	072130046
47	12	1	072130047
48	13	1	072130048



EN ISO
20345
2011



CE

S1P SRC

7214FN

Action nubuck shoe, waterproof,
with anti-abrasion insert in toe cap area
Extremely flexible and lightweight - approximate weight size 42: 470 g
Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	072140035
36	3,5	1	072140036
37	4,5	1	072140037
38	5	1	072140038
39	6	1	072140039
40	6,5	1	072140040
41	7	1	072140041
42	8	1	072140042
43	9	1	072140043
44	10	1	072140044
45	10,5	1	072140045
46	11	1	072140046
47	12	1	072140047
48	13	1	072140048



EN ISO
20345
2011



CE

S3 SRC

7215FN

Action nubuck moccasin, waterproof, with anti-abrasion insert in toe cap area

Extremely flexible and lightweight - approximate weight, size 42: 470 g

Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	072150135
36	3,5	1	072150136
37	4,5	1	072150137
38	5	1	072150138
39	6	1	072150139
40	6,5	1	072150140
41	7	1	072150141
42	8	1	072150142
43	9	1	072150143
44	10	1	072150144
45	10,5	1	072150145
46	11	1	072150146
47	12	1	072150147
48	13	1	072150148



CE

S3 SRC



7218FN

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system

Extremely flexible and lightweight - approximate weight, size 42: 500 g
Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072180035
36	3,5	1	072180036
37	4,5	1	072180037
38	5	1	072180038
39	6	1	072180039
40	6,5	1	072180040
41	7	1	072180041
42	8	1	072180042
43	9	1	072180043
44	10	1	072180044
45	10,5	1	072180045
46	11	1	072180046
47	12	1	072180047
48	13	1	072180048



CE

S3 RS SRC



BASIC PLUS



7200BKK

full-grain leather shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072000235
36	3,5	1	072000236
37	4,5	1	072000237
38	5	1	072000238
39	6	1	072000239
40	6,5	1	072000240
41	7	1	072000241
42	8	1	072000242
43	9	1	072000243
44	10	1	072000244
45	10,5	1	072000245
46	11	1	072000246
47	12	1	072000247
48	13	1	072000248



CE

S3 SRC



7201BKK

full-grain leather ankle shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072010435
36	3,5	1	072010436
37	4,5	1	072010437
38	5	1	072010438
39	6	1	072010439
40	6,5	1	072010440
41	7	1	072010441
42	8	1	072010442
43	9	1	072010443
44	10	1	072010444
45	10,5	1	072010445
46	11	1	072010446
47	12	1	072010447
48	13	1	072010448



CE

S3 SRC

EN ISO
20345
2011



7208WR

full-grain leather ankle shoe, waterproof,
with durable rubber outsole and quick opening system.
WR (water resistant footwear) - after 100 steps in a tank with 3
cm of water, the wet internal surface has to be $\leq 3 \text{ cm}^2$ (spot)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
38	5	1	072080238
39	6	1	072080239
40	6,5	1	072080240
41	7	1	072080241
42	8	1	072080242
43	9	1	072080243
44	10	1	072080244
45	10,5	1	072080245
46	11	1	072080246
47	12	1	072080247



CE

S3 RS WR HRO SRC

EN ISO
20345
2011



7210BKK

soft suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072100335
36	3,5	1	072100336
37	4,5	1	072100337
38	5	1	072100338
39	6	1	072100339
40	6,5	1	072100340
41	7	1	072100341
42	8	1	072100342
43	9	1	072100343
44	10	1	072100344
45	10,5	1	072100345
46	11	1	072100346
47	12	1	072100347
48	13	1	072100348



CE

S1P SRC

EN ISO
20345
2011



7210PB

suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072100435
36	3,5	1	072100436
37	4,5	1	072100437
38	5	1	072100438
39	6	1	072100439
40	6,5	1	072100440
41	7	1	072100441
42	8	1	072100442
43	9	1	072100443
44	10	1	072100444
45	10,5	1	072100445
46	11	1	072100446
47	12	1	072100447
48	13	1	072100448



CE

S1P SRC

EN ISO
20345
2011



7211PG

suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072110435
36	3,5	1	072110436
37	4,5	1	072110437
38	5	1	072110438
39	6	1	072110439
40	6,5	1	072110440
41	7	1	072110441
42	8	1	072110442
43	9	1	072110443
44	10	1	072110444
45	10,5	1	072110445
46	11	1	072110446
47	12	1	072110447
48	13	1	072110448

CE



Mugello



S1P SRC

7216BKK

soft suede sandal,
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072160335
36	3,5	1	072160336
37	4,5	1	072160337
38	5	1	072160338
39	6	1	072160339
40	6,5	1	072160340
41	7	1	072160341
42	8	1	072160342
43	9	1	072160343
44	10	1	072160344
45	10,5	1	072160345
46	11	1	072160346
47	12	1	072160347
48	13	1	072160348

CE



S1P SRC

7216SN

suede sandal, perforated,
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072160435
36	3,5	1	072160436
37	4,5	1	072160437
38	5	1	072160438
39	6	1	072160439
40	6,5	1	072160440
41	7	1	072160441
42	8	1	072160442
43	9	1	072160443
44	10	1	072160444
45	10,5	1	072160445
46	11	1	072160446
47	12	1	072160447
48	13	1	072160448

CE



Suzuka



S1P SRC

7310CRK

lace-up black leather shoe, "welder" style, water-repellent,
with quick opening system and front protection with strap fastening
and flameproof seams
Hard-wearing rubber outsole and anti-abrasion insert in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073100335
36	3,5	1	073100336
37	4,5	1	073100337
38	5	1	073100338
39	6	1	073100339
40	6,5	1	073100340
41	7	1	073100341
42	8	1	073100342
43	9	1	073100343
44	10	1	073100344
45	10,5	1	073100345
46	11	1	073100346
47	12	1	073100347
48	13	1	073100348

CE



Beta



S3 RS HRO SRC

TREKKING



7235B

action Nubuck shoe, waterproof, with nylon inserts

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	
35	2,5	1 072350235
36	3,5	1 072350236
37	4,5	1 072350237
38	5	1 072350238
39	6	1 072350239
40	6,5	1 072350240
41	7	1 072350241
42	8	1 072350242
43	9	1 072350243
44	10	1 072350244
45	10,5	1 072350245
46	11	1 072350246
47	12	1 072350247
48	13	1 072350248

CE



S3 SRC

EN ISO
20345
2011



7236B

action Nubuck ankle shoe, waterproof, with nylon inserts

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	
35	2,5	1 072360235
36	3,5	1 072360236
37	4,5	1 072360237
38	5	1 072360238
39	6	1 072360239
40	6,5	1 072360240
41	7	1 072360241
42	8	1 072360242
43	9	1 072360243
44	10	1 072360244
45	10,5	1 072360245
46	11	1 072360246
47	12	1 072360247
48	13	1 072360248

CE



S3 SRC

EN ISO
20345
2011



7237WR

suede ankle shoe with nylon inserts, durable rubber outsole and quick opening system
WR (water-resistant) footwear: after 1,000 steps in a tank with 3 cm of water, the wet internal surface has to be $\leq 3 \text{ cm}^2$ (spot)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	
35	2,5	1 072370235
36	3,5	1 072370236
37	4,5	1 072370237
38	5	1 072370238
39	6	1 072370239
40	6,5	1 072370240
41	7	1 072370241
42	8	1 072370242
43	9	1 072370243
44	10	1 072370244
45	10,5	1 072370245
46	11	1 072370246
47	12	1 072370247
48	13	1 072370248

CE



S3 RS WR HRO SRC

EN ISO
20345
2011



7238WR

suede ankle shoe with nylon inserts,
durable rubber outsole and quick opening system
WR (water-resistant) footwear: after 1,000 steps in a tank with
3 cm of water, the wet internal surface has to be $\leq 3 \text{ cm}^2$ (spot)

EU	UK		
35	2,5	1	072380235
36	3,5	1	072380236
37	4,5	1	072380237
38	5	1	072380238
39	6	1	072380239
40	6,5	1	072380240
41	7	1	072380241
42	8	1	072380242
43	9	1	072380243
44	10	1	072380244
45	10,5	1	072380245
46	11	1	072380246
47	12	1	072380247
48	13	1	072380248

- Composite toe cap
- Composite fibre penetration-proof insole



Endurance

CE

S3 RS WR HRO SRC



7248G

suede shoe with mesh inserts

EU	UK		
35	2,5	1	072480135
36	3,5	1	072480136
37	4,5	1	072480137
38	5	1	072480138
39	6	1	072480139
40	6,5	1	072480140
41	7	1	072480141
42	8	1	072480142
43	9	1	072480143
44	10	1	072480144
45	10,5	1	072480145
46	11	1	072480146
47	12	1	072480147
48	13	1	072480148

- Steel toe cap
- Elastic steel penetration proof insole



CE

S1P SRC



7249G

suede ankle shoe with mesh inserts

EU	UK		
35	2,5	1	072490135
36	3,5	1	072490136
37	4,5	1	072490137
38	5	1	072490138
39	6	1	072490139
40	6,5	1	072490140
41	7	1	072490141
42	8	1	072490142
43	9	1	072490143
44	10	1	072490144
45	10,5	1	072490145
46	11	1	072490146
47	12	1	072490147
48	13	1	072490148

- Steel toe cap
- Elastic steel penetration proof insole



CE

S1P SRC



 **Beta**

SNEAKERS



7252NKK

Nubuck ankle shoe, waterproof, with waterproof microfibre inserts

- Composite toe cap with breathable membrane
- Composite fibre penetration proof insole

EU	UK	1	072520138
38	5	1	072520138
39	6	1	072520139
40	6,5	1	072520140
41	7	1	072520141
42	8	1	072520142
43	9	1	072520143
44	10	1	072520144
45	10,5	1	072520145
46	11	1	072520146
47	12	1	072520147

CE

Zolder



S3 SRC

EN ISO 20345 2011



7253NKK

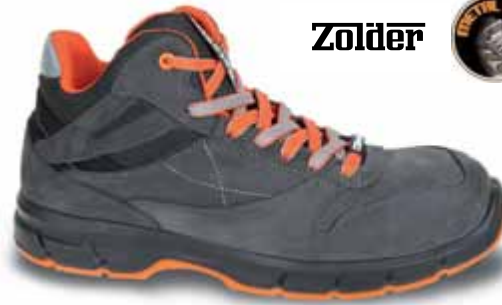
Nubuck ankle shoe, waterproof, with waterproof microfibre inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	1	072530138
38	5	1	072530138
39	6	1	072530139
40	6,5	1	072530140
41	7	1	072530141
42	8	1	072530142
43	9	1	072530143
44	10	1	072530144
45	10,5	1	072530145
46	11	1	072530146
47	12	1	072530147

CE

Zolder



S3 SRC

EN ISO 20345 2011



7313B

suede shoe with nylon mesh and PU inserts

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK	1	073130835
35	2,5	1	073130835
36	3,5	1	073130836
37	4,5	1	073130837
38	5	1	073130838
39	6	1	073130839
40	6,5	1	073130840
41	7	1	073130841
42	8	1	073130842
43	9	1	073130843
44	10	1	073130844
45	10,5	1	073130845
46	11	1	073130846
47	12	1	073130847
48	13	1	073130848

CE

Monza



S1P SRC

EN ISO 20345 2011



7313G

suede shoe
with nylon mesh and PU inserts

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073130635
36	3,5	1	073130636
37	4,5	1	073130637
38	5	1	073130638
39	6	1	073130639
40	6,5	1	073130640
41	7	1	073130641
42	8	1	073130642
43	9	1	073130643
44	10	1	073130644
45	10,5	1	073130645
46	11	1	073130646
47	12	1	073130647
48	13	1	073130648

CE



Monza



EN ISO 20345 2011



S1P SRC

7314AF

suede shoe
with nylon mesh and carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073140235
36	3,5	1	073140236
37	4,5	1	073140237
38	5	1	073140238
39	6	1	073140239
40	6,5	1	073140240
41	7	1	073140241
42	8	1	073140242
43	9	1	073140243
44	10	1	073140244
45	10,5	1	073140245
46	11	1	073140246
47	12	1	073140247
48	13	1	073140248

CE



Active



EN ISO 20345 2011



S1P SRC

7314AB

suede shoe
with nylon mesh and carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073140335
36	3,5	1	073140336
37	4,5	1	073140337
38	5	1	073140338
39	6	1	073140339
40	6,5	1	073140340
41	7	1	073140341
42	8	1	073140342
43	9	1	073140343
44	10	1	073140344
45	10,5	1	073140345
46	11	1	073140346
47	12	1	073140347
48	13	1	073140348

CE



Active



EN ISO 20345 2011



S1P SRC

7316N

suede shoe, waterproof,
with microfibre insert

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073160535
36	3,5	1	073160536
37	4,5	1	073160537
38	5	1	073160538
39	6	1	073160539
40	6,5	1	073160540
41	7	1	073160541
42	8	1	073160542
43	9	1	073160543
44	10	1	073160544
45	10,5	1	073160545
46	11	1	073160546
47	12	1	073160547
48	13	1	073160548

CE



Assen



EN ISO 20345 2011



S3 SRC

7315AN

suede and microfibre shoe,
water-repellent, with carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073150535
36	3,5	1	073150536
37	4,5	1	073150537
38	5	1	073150538
39	6	1	073150539
40	6,5	1	073150540
41	7	1	073150541
42	8	1	073150542
43	9	1	073150543
44	10	1	073150544
45	10,5	1	073150545
46	11	1	073150546
47	12	1	073150547
48	13	1	073150548



**EN ISO
20345
2011**



CE

S3 SRC

7318AN

suede and microfibre ankle shoe,
water-repellent, with carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073180535
36	3,5	1	073180536
37	4,5	1	073180537
38	5	1	073180538
39	6	1	073180539
40	6,5	1	073180540
41	7	1	073180541
42	8	1	073180542
43	9	1	073180543
44	10	1	073180544
45	10,5	1	073180545
46	11	1	073180546
47	12	1	073180547
48	13	1	073180548



**EN ISO
20345
2011**



CE

S3 SRC

7323M

suede ankle shoe, waterproof,
with microfibre insert

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073230335
36	3,5	1	073230336
37	4,5	1	073230337
38	5	1	073230338
39	6	1	073230339
40	6,5	1	073230340
41	7	1	073230341
42	8	1	073230342
43	9	1	073230343
44	10	1	073230344
45	10,5	1	073230345
46	11	1	073230346
47	12	1	073230347
48	13	1	073230348



**EN ISO
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2011**



CE

S3 SRC

 **Beta**

URBAN



7360UN

suede shoe, waterproof

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	073600335
36	3,5	1	073600336
37	4,5	1	073600337
38	5	1	073600338
39	6	1	073600339
40	6,5	1	073600340
41	7	1	073600341
42	8	1	073600342
43	9	1	073600343
44	10	1	073600344
45	10,5	1	073600345
46	11	1	073600346
47	12	1	073600347
48	13	1	073600348



CE

S3 SRC

EN ISO
20345
2011



7361UB

suede shoe, perforated,
with canvas inserts, breathable

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	073610235
36	3,5	1	073610236
37	4,5	1	073610237
38	5	1	073610238
39	6	1	073610239
40	6,5	1	073610240
41	7	1	073610241
42	8	1	073610242
43	9	1	073610243
44	10	1	073610244
45	10,5	1	073610245
46	11	1	073610246
47	12	1	073610247
48	13	1	073610248



CE

S1P SRC

EN ISO
20345
2011



7368UG

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	073680435
36	3,5	1	073680436
37	4,5	1	073680437
38	5	1	073680438
39	6	1	073680439
40	6,5	1	073680440
41	7	1	073680441
42	8	1	073680442
43	9	1	073680443
44	10	1	073680444
45	10,5	1	073680445
46	11	1	073680446
47	12	1	073680447
48	13	1	073680448



CE

S3 SRC

EN ISO
20345
2011



7368UN

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	073680335
36	3,5	1	073680336
37	4,5	1	073680337
38	5	1	073680338
39	6	1	073680339
40	6,5	1	073680340
41	7	1	073680341
42	8	1	073680342
43	9	1	073680343
44	10	1	073680344
45	10,5	1	073680345
46	11	1	073680346
47	12	1	073680347
48	13	1	073680348

CE



S3 SRC



7369UB

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
35	2,5	1	073690235
36	3,5	1	073690236
37	4,5	1	073690237
38	5	1	073690238
39	6	1	073690239
40	6,5	1	073690240
41	7	1	073690241
42	8	1	073690242
43	9	1	073690243
44	10	1	073690244
45	10,5	1	073690245
46	11	1	073690246
47	12	1	073690247
48	13	1	073690248

CE



S3 SRC



SNEAKERS PRO



7340B

mesh fabric shoe, highly breathable,
with high-frequency PU inserts and protective toe cap
reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EU	UK		
36	3,5	1	073400236
37	4,5	1	073400237
38	5	1	073400238
39	6	1	073400239
40	6,5	1	073400240
41	7	1	073400241
42	8	1	073400242
43	9	1	073400243
44	10	1	073400244
45	10,5	1	073400245
46	11	1	073400246
47	12	1	073400247

CE



FIT PRO NET

S1P SRC



7340Y

mesh fabric shoe, highly breathable,
with high-frequency PU inserts and protective toe cap
reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EU	UK	Art. No.
36	3,5	1 073400336
37	4,5	1 073400337
38	5	1 073400338
39	6	1 073400339
40	6,5	1 073400340
41	7	1 073400341
42	8	1 073400342
43	9	1 073400343
44	10	1 073400344
45	10,5	1 073400345
46	11	1 073400346
47	12	1 073400347

CE



S1P SRC



7340R

mesh fabric shoe, highly breathable,
with high-frequency PU inserts and protective toe cap
reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EU	UK	Art. No.
36	3,5	1 073400436
37	4,5	1 073400437
38	5	1 073400438
39	6	1 073400439
40	6,5	1 073400440
41	7	1 073400441
42	8	1 073400442
43	9	1 073400443
44	10	1 073400444
45	10,5	1 073400445
46	11	1 073400446
47	12	1 073400447

CE



S1P SRC



7341N

microsuede shoe, waterproof,
with high-frequency PU inserts and protective toe cap
reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EU	UK	Art. No.
36	3,5	1 073410236
37	4,5	1 073410237
38	5	1 073410238
39	6	1 073410239
40	6,5	1 073410240
41	7	1 073410241
42	8	1 073410242
43	9	1 073410243
44	10	1 073410244
45	10,5	1 073410245
46	11	1 073410246
47	12	1 073410247

CE



S3 SRC



7349RP

shoe made of Nubuck crust leather, waterproof
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	Art. No.
38	5	1 073490138
39	6	1 073490139
40	6,5	1 073490140
41	7	1 073490141
42	8	1 073490142
43	9	1 073490143
44	10	1 073490144
45	10,5	1 073490145
46	11	1 073490146
47	12	1 073490147

CE



S3 HRO SRC



7350RP

ankle shoe made of Nubuck crust leather, waterproof with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
38	5	1	073500138
39	6	1	073500139
40	6,5	1	073500140
41	7	1	073500141
42	8	1	073500142
43	9	1	073500143
44	10	1	073500144
45	10,5	1	073500145
46	11	1	073500146
47	12	1	073500147

CE



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S3 HRO SRC

MANAGER



7290NA

full-grain leather shoe, waterproof, with reinforcement polyurethane toe cap cover and PU/TPU VIBRAM® outsole. ESD

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
36	3,5	1	072900336
37	4,5	1	072900337
38	5	1	072900338
39	6	1	072900339
40	6,5	1	072900340
41	7	1	072900341
42	8	1	072900342
43	9	1	072900343
44	10	1	072900344
45	10,5	1	072900345
46	11	1	072900346
47	12	1	072900347
48	13	1	072900348

CE



Speed



EN ISO 20345 2011



S3 SRC ESD

7291NA

full-grain leather ankle shoe, waterproof, with reinforcement polyurethane toe cap cover and PU/TPU VIBRAM® outsole. ESD

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
36	3,5	1	072910336
37	4,5	1	072910337
38	5	1	072910338
39	6	1	072910339
40	6,5	1	072910340
41	7	1	072910341
42	8	1	072910342
43	9	1	072910343
44	10	1	072910344
45	10,5	1	072910345
46	11	1	072910346
47	12	1	072910347
48	13	1	072910348

CE



Speed



EN ISO 20345 2011



S3 SRC ESD

7300MK

full-grain leather shoe

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
36	3,5	1	073000636
37	4,5	1	073000637
38	5	1	073000638
39	6	1	073000639
40	6,5	1	073000640
41	7	1	073000641
42	8	1	073000642
43	9	1	073000643
44	10	1	073000644
45	10,5	1	073000645
46	11	1	073000646
47	12	1	073000647
48	13	1	073000648



Indy



CE

S3 SRC

7300FT

full-grain leather shoe, "free time" style, waterproof, without toe cap and penetration-proof insole

- Without toe cap
- Without penetration-proof insole

EU	UK		
36	3,5	1	073000736
37	4,5	1	073000737
38	5	1	073000738
39	6	1	073000739
40	6,5	1	073000740
41	7	1	073000741
42	8	1	073000742
43	9	1	073000743
44	10	1	073000744
45	10,5	1	073000745
46	11	1	073000746
47	12	1	073000747
48	13	1	073000748

Formula



CE

O2 FO SRC

7319ESD

suede shoe, perforated, ESD

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK		
36	3,5	1	073190236
37	4,5	1	073190237
38	5	1	073190238
39	6	1	073190239
40	6,5	1	073190240
41	7	1	073190241
42	8	1	073190242
43	9	1	073190243
44	10	1	073190244
45	10,5	1	073190245
46	11	1	073190246
47	12	1	073190247
48	13	1	073190248

Mistral



CE

S1P SRC ESD

HEAVY DUTY



7293NB

greased Nubuck shoe, waterproof, with anti-abrasion microfibre insert and durable rubber outsole
Lateral ankle support

- Aluminium toe cap
- Composite fibre penetration proof insole

EU	UK	W	H
38	5	1	072930538
39	6	1	072930539
40	6,5	1	072930540
41	7	1	072930541
42	8	1	072930542
43	9	1	072930543
44	10	1	072930544
45	10,5	1	072930545
46	11	1	072930546
47	12	1	072930547
48	13	1	072930548

CE

Daytona



S3 HRO SRC

EN ISO 20345 2011



7293HM

greased full-grain leather shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK	W	H
39	6	1	072930639
40	6,5	1	072930640
41	7	1	072930641
42	8	1	072930642
43	9	1	072930643
44	10	1	072930644
45	10,5	1	072930645
46	11	1	072930646
47	12	1	072930647
48	13	1	072930648

CE

Heritage



S3 HRO HI SRC

EN ISO 20345 2011



Beta

7294NB

greased ankle Nubuck shoe, waterproof,
with anti-abrasion microfibre insert and durable rubber outsole
Lateral ankle support

- Aluminium toe cap
- Composite fibre penetration proof insole



Daytona

**EN ISO
20345
2011**



EU	UK		
38	5	1	072940538
39	6	1	072940539
40	6,5	1	072940540
41	7	1	072940541
42	8	1	072940542
43	9	1	072940543
44	10	1	072940544
45	10,5	1	072940545
46	11	1	072940546
47	12	1	072940547
48	13	1	072940548

CE

S3 HRO SRC

7294HM

greased full-grain leather ankle shoe, water-repellent,
with high-performance VIBRAM® rubber tread, anti-abrasion
insert on heel area
and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole



Heritage



**EN ISO
20345
2011**



EU	UK		
39	6	1	072940639
40	6,5	1	072940640
41	7	1	072940641
42	8	1	072940642
43	9	1	072940643
44	10	1	072940644
45	10,5	1	072940645
46	11	1	072940646
47	12	1	072940647
48	13	1	072940648

CE

S3 HRO HI SRC

7294HMC

greased full-grain leather ankle shoe, water-repellent,
with high-performance VIBRAM® rubber tread, anti-abrasion
insert
on heel area and reinforcement polyurethane toe cap cover.
With Tepor membrane, waterproof, windproof, highly
breathable

- Fibreglass toe cap
- Composite fibre penetration proof insole



Heritage



**EN ISO
20345
2011**



EU	UK		
39	6	1	072940739
40	6,5	1	072940740
41	7	1	072940741
42	8	1	072940742
43	9	1	072940743
44	10	1	072940744
45	10,5	1	072940745
46	11	1	072940746
47	12	1	072940747
48	13	1	072940748

CE

S3 HRO HI CI WR SRC

Beta

ACCESSORIES



7398GEL

anatomically shaped underfoot covers with gel insets



EU	UK		
35	2,5	1	073980835
36	3,5	1	073980836
37	4,5	1	073980837
38	5	1	073980838
39	6	1	073980839
40	6,5	1	073980840
41	7	1	073980841
42	8	1	073980842
43	9	1	073980843
44	10	1	073980844
45	10,5	1	073980845
46	11	1	073980846
47	12	1	073980847
48	13	1	073980848

7398U

anatomically shaped underfoot covers made of TPR GEL with high cushioning effect, plantar arch support and heel pad



7398EF

anatomically shaped underfoot covers made of polyurethane foam, with cushioning heel lift



EU	UK		
35	2,5	1	073981135
36	3,5	1	073981136
37	4,5	1	073981137
38	5	1	073981138
39	6	1	073981139
40	6,5	1	073981140
41	7	1	073981141
42	8	1	073981142
43	9	1	073981143
44	10	1	073981144
45	10,5	1	073981145
46	11	1	073981146
47	12	1	073981147
48	13	1	073981148



EU	UK		
36 - 40	3,5 - 6,5	1	073980058
41 - 46	7 - 11	1	073980063

7399 A/N...

pack of 10 pairs of laces



	cm		
7399A/N 100	100	1	073990010
7399A/N 120	120	1	073990012
7399A/N 140	140	1	073990017

Prices refer to 10 pairs

7421

knee-length socks made from elastic compression terry, with nylon and cotton reinforcements on toe and heel areas

Soles made from hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074210002
L	43-46	1	074210004

7423

elastic compression ankle-length socks with nylon and cotton reinforcements on toe and heel areas

Soles made from hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074230002
L	43-46	1	074230004

7425

ankle-length socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas

Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074250002
L	43-46	1	074250004

7427

maxi sneaker socks with protective, breathable inserts on shinbone and instep areas.

Nylon and cotton reinforcements on toe and heel areas and soles made from hard-wearing, antimycotic, breathable fibre



	EU		
M	39-42	1	074270002
L	43-46	1	074270004

7429

maxi sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas

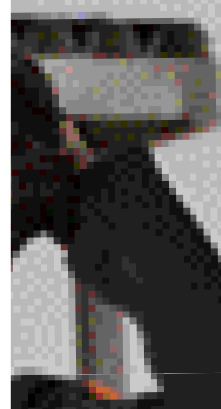
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074290002
L	43-46	1	074290004

Beta

WORKWEAR



BetaWORK

Over the years the workwear line has gained confidence and popularity among the most demanding professionals. The success of the product has translated into the ongoing development and expansion of the range.

The items of clothing produced by Beta Utensili S.p.a. comply with the following standard:

EN ISO 13688:2013

Personal protective equipment protects the user from limited physical hazards, including small abrasions, sunbeams, wind, cold, non-harmful powders and dirt from nontoxic materials. Such protection is related to the first category of Italian Parliamentary Bill n°. 475 of 04/12/1992.

USE AND STORAGE INSTRUCTIONS

The garment should be worn correctly, so that it can protect the user's body parts. It should be stored in a cool, dry place, in its original packaging, away from heat sources, sunlight, dust and adverse weather.

PACKAGING

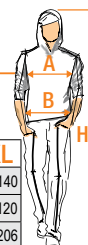
- WORKWEAR: hanging bag
- FREE TIME WEAR: non-hanging bag

SHRINKAGE

All natural fibres shrink after being washed. The degree of shrinkage may range from 1% to 5%, depending on several parameters, which include the type of fibres and the temperature of water.

	I	F	D	E	UK	USA
XS	46	38	42	40	30	32
S	48	40	44	42	32	34
M	50	42	46	44	34	36
L	52	44	48	46	36	38
XL	54	46	50	48	38	40
2XL	56	48	52	50	40	42
3XL	58	50	54	52	42	44
4XL	60	52	56	54	44	46

EN ISO 13688:2013								
	XS	S	M	L	XL	2XL	3XL	4XL
A	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140
B	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120
H	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206



PANTS



7525

prewashed stretch work jeans, 68% denim cotton, 29% polyester, 3% stretch fabric, 10 ounces

CE



XS	1	075250046
S	1	075250048
M	1	075250050
L	1	075250052
XL	1	075250054
XXL	1	075250056
XXXL	1	075250058

7526

work jeans in stretch denim cotton, prewashed 68% denim cotton, 29% polyester, 3% stretch fabric, 10 ounces
Polyester 600D reinforcements in rear pockets and on leg bottoms. Slim fit

CE



XS	1	075260046
S	1	075260048
M	1	075260050
L	1	075260052
XL	1	075260054
XXL	1	075260056
XXXL	1	075260058

7811

"work trekking" trousers
90% nylon, 10% stretch fabric, 230 g/m², grey
Slim cut, ergonomic fit for ease of movement, bi-stretchable fabric for improved comfort.
Reinforced inserts on knees, crotch and leg bottom



S	1	078110001
M	1	078110002
L	1	078110003
XL	1	078110004
XXL	1	078110005

7815N

work trousers, multipocket style, twisted T/C canvas, 280 g/m² with polyester inserts, black

CE



XS	1	078150000
S	1	078150001
M	1	078150002
L	1	078150003
XL	1	078150004
XXL	1	078150005
XXXL	1	078150006

7816BL

work trousers, multipocket style, T/C canvas, 260 g/m², blue
Knee pad pockets and leg bottoms reinforced in polyester 600D, tearproof crotch and stretch rear insert for easier movements

CE



XS	1	078160100
S	1	078160101
M	1	078160102
L	1	078160103
XL	1	078160104
XXL	1	078160105
XXXL	1	078160106

7816G

work trousers, multipocket style, in T/C canvas 260 g/m², grey
Knee pad pockets and leg bottoms reinforced in polyester 600D, tearproof crotch and elastic rear insert for easier movements

CE



XS	1	078160000
S	1	078160001
M	1	078160002
L	1	078160003
XL	1	078160004
XXL	1	078160005
XXXL	1	078160006

7880SC

stretch work trousers, T/C canvas, 290 g/m², black
Slim fit, tearproof crotch and stretch waistband on sides

CE



XS	1	078800000
S	1	078800001
M	1	078800002
L	1	078800003
XL	1	078800004
XXL	1	078800005
XXXL	1	078800006

SHIRT & T-SHIRT



7546BL

three-button polo shirt, pique cotton, 220 g/m², blue



XS	2	075460000
S	2	075460001
M	2	075460002
L	2	075460003
XL	2	075460004
XXL	2	075460005
XXXL	2	075460006

7546G

three-button polo shirt, pique cotton, 220 g/m², grey



XS	2	075460100
S	2	075460101
M	2	075460102
L	2	075460103
XL	2	075460104
XXL	2	075460105
XXXL	2	075460106

7546N

three-button polo shirt, pique cotton, 220 g/m², black



XS	2	075460200
S	2	075460201
M	2	075460202
L	2	075460203
XL	2	075460204
XXL	2	075460205
XXXL	2	075460206

7548BL

work t-shirt, 100% jersey cotton, 180 g/m², blue



XS	5	075480000
S	5	075480001
M	5	075480002
L	5	075480003
XL	5	075480004
XXL	5	075480005
XXXL	5	075480006

7548G

work t-shirt, 100% jersey cotton, 180 g/m², grey



XS	5	075480100
S	5	075480101
M	5	075480102
L	5	075480103
XL	5	075480104
XXL	5	075480105
XXXL	5	075480106

7548N

work t-shirt, 100% jersey cotton, 180 g/m², black



SIZE	QTY	SKU
XS	5	075480200
S	5	075480201
M	5	075480202
L	5	075480203
XL	5	075480204
XXL	5	075480205
XXXL	5	075480206

7632G

fleece pullover, 280 g/m², with polyester inserts, anthracite grey/black



SIZE	QTY	SKU
XS	1	076320000
S	1	076320001
M	1	076320002
L	1	076320003
XL	1	076320004
XXL	1	076320005
XXXL	1	076320006

7636BL

microfleece sweater, long-zipped, 180 g/m², blue, waist pockets with zip closure



SIZE	QTY	SKU
XS	1	076360000
S	1	076360001
M	1	076360002
L	1	076360003
XL	1	076360004
XXL	1	076360005
XXXL	1	076360006



7622G

fleece jacket, 280 g/m², with polyester inserts, anthracite grey/black



SIZE	QTY	SKU
XS	1	076220000
S	1	076220001
M	1	076220002
L	1	076220003
XL	1	076220004
XXL	1	076220005
XXXL	1	076220006

7635N

microfleece sweater, short-zipped, 180 g/m², black



SIZE	QTY	SKU
XS	1	076350500
S	1	076350501
M	1	076350502
L	1	076350503
XL	1	076350504
XXL	1	076350505
XXXL	1	076350506

7635G

microfleece sweater, short-zipped, 180 g/m², anthracite grey



SIZE	QTY	SKU
XS	1	076350510
S	1	076350511
M	1	076350512
L	1	076350513
XL	1	076350514
XXL	1	076350515
XXXL	1	076350516



7577N

sleeveless jacket, 100% 50D microfibre polyester, padded, lined, black
Elastic insert at armhole



SIZE	QTY	SKU
XS	1	075770000
S	1	075770001
M	1	075770002
L	1	075770003
XL	1	075770004
XXL	1	075770005
XXXL	1	075770006

7578G

sleeveless jacket, ripstop nylon, waterproof, padded, lined, anthracite grey
Stretch armhole



XS	1	075780000
S	1	075780001
M	1	075780002
L	1	075780003
XL	1	075780004
XXL	1	075780005
XXXL	1	075780006

7683

softshell jacket, 94% polyester, 6% spandex, 290 g/m² with detachable hood and sleeves, black/orange
Waterproof three layer fabric, with waterproof, windproof, breathable TPU membrane



S	1	076830001
M	1	076830002
L	1	076830003
XL	1	076830004
XXL	1	076830005
XXXL	1	076830006

7684

softshell jacket, 94% polyester, 6% spandex, 290 g/m² black/grey
Waterproof three layer fabric, with waterproof, windproof, breathable TPU membrane



S	1	076840001
M	1	076840002
L	1	076840003
XL	1	076840004
XXL	1	076840005
XXXL	1	076840006

7685

bomber jacket, made of nylon 20D, with down-like polyester padding, 80 g/m², blue
Supplied in a convenient, room-saving bag



S	1	076850001
M	1	076850002
L	1	076850003
XL	1	076850004
XXL	1	076850005

7685BL

nylon 20D bomber jacket, with polyester down-like padding, 80 g/m², blue
Supplied in a convenient, room-saving bag



S	1	076850101
M	1	076850102
L	1	076850103
XL	1	076850104
XXL	1	076850105

7734

triple use Anorak jacket made of Oxford polyester 300D, waterproof, PU-coated, grey
With foldaway hood and detachable interior jacket, 100% made of polyester, black



S	1	077340001
M	1	077340002
L	1	077340003
XL	1	077340004
XXL	1	077340005
XXXL	1	077340006

7780T

work bomber jacket, multipocket style, made from waterproof nylon 300D, with stretch inserts for ease of movement, black
Polyester padding, 160 g/m², detachable hood



S	1	077800101
M	1	077800102
L	1	077800103
XL	1	077800104
XXL	1	077800105
XXXL	1	077800106

BASIC

7840BL

work trousers, T/C twill, 245 g/m², blue
Stretch waistband on sides



XS	1	078400100
S	1	078400101
M	1	078400102
L	1	078400103
XL	1	078400104
XXL	1	078400105
XXXL	1	078400106
XXXXL	1	078400107

7849BL

work jacket, T/C twill, 245 g/m², blue
Stretch waistband



XS	1	078490100
S	1	078490101
M	1	078490102
L	1	078490103
XL	1	078490104
XXL	1	078490105
XXXL	1	078490106
XXXXL	1	078490107

EASY LIGHT

7860E

work trousers, lightweight,
T/C twill, 180 g/m², with Oxford inserts, grey



XS	1	078600900
S	1	078600901
M	1	078600902
L	1	078600903
XL	1	078600904
XXL	1	078600905
XXXL	1	078600906
XXXXL	1	078600907

7861E

work Bermuda shorts, lightweight,
T/C twill, 180 g/m², grey



XS	1	078610900
S	1	078610901
M	1	078610902
L	1	078610903
XL	1	078610904
XXL	1	078610905
XXXL	1	078610906
XXXXL	1	078610907

7863E

work overalls, lightweight
T/C twill, 180 g/m², with Oxford inserts, grey



XS	1	078630900
S	1	078630901
M	1	078630902
L	1	078630903
XL	1	078630904
XXL	1	078630905
XXXL	1	078630906
XXXXL	1	078630907

7865E

work overalls, lightweight
T/C twill, 180 g/m², with Oxford inserts, grey



XS	1	078650900
S	1	078650901
M	1	078650902
L	1	078650903
XL	1	078650904
XXL	1	078650905
XXXL	1	078650906
XXXXL	1	078650907

7867E

sleeveless work jacket, multipocket style, lightweight, T/C twill, 180 g/m², with Oxford inserts, grey



XS	1	078670900
S	1	078670901
M	1	078670902
L	1	078670903
XL	1	078670904
XXL	1	078670905
XXXL	1	078670906
XXXXL	1	078670907

7869E

work jacket, lightweight, T/C twill, 180 g/m² with Oxford inserts, grey



XS	1	078690900
S	1	078690901
M	1	078690902
L	1	078690903
XL	1	078690904
XXL	1	078690905
XXXL	1	078690906
XXXXL	1	078690907

7870E

work trousers, lightweight, T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078700900
S	1	078700901
M	1	078700902
L	1	078700903
XL	1	078700904
XXL	1	078700905
XXXL	1	078700906
XXXXL	1	078700907

7871E

work Bermuda shorts, lightweight T/C twill 180 g/m², blue



XS	1	078710900
S	1	078710901
M	1	078710902
L	1	078710903
XL	1	078710904
XXL	1	078710905
XXXL	1	078710906
XXXXL	1	078710907

7873E

work overalls, lightweight T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078730900
S	1	078730901
M	1	078730902
L	1	078730903
XL	1	078730904
XXL	1	078730905
XXXL	1	078730906
XXXXL	1	078730907

7875E

work overall, lightweight T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078750900
S	1	078750901
M	1	078750902
L	1	078750903
XL	1	078750904
XXL	1	078750905
XXXL	1	078750906
XXXXL	1	078750907

EASY LIGHT BLUE



7877E

sleeveless work jacket, multipocket style, lightweight T/C twill 180 g/m², with Oxford inserts, blue

CE



XS	1 078770900
S	1 078770901
M	1 078770902
L	1 078770903
XL	1 078770904
XXL	1 078770905
XXXL	1 078770906
XXXXL	1 078770907

7879E

work jacket, lightweight, T/C twill 180 g/m², with Oxford inserts, blue

CE



XS	1 078790900
S	1 078790901
M	1 078790902
L	1 078790903
XL	1 078790904
XXL	1 078790905
XXXL	1 078790906
XXXXL	1 078790907

7900E

work trousers, multipocket style, in T/C canvas, 260 g/m², Oxford insets, grey

CE

Beta EASY



XS	1 079000900
S	1 079000901
M	1 079000902
L	1 079000903
XL	1 079000904
XXL	1 079000905
XXXL	1 079000906
XXXXL	1 079000907

7901E

work Bermuda shorts in T/C canvas, 260 g/m², grey

CE

Beta EASY



XS	1 079010900
S	1 079010901
M	1 079010902
L	1 079010903
XL	1 079010904
XXL	1 079010905
XXXL	1 079010906
XXXXL	1 079010907

7903E

work overalls in T/C canvas, 260 g/m², Oxford insets, grey

CE

Beta EASY



XS	1 079030900
S	1 079030901
M	1 079030902
L	1 079030903
XL	1 079030904
XXL	1 079030905
XXXL	1 079030906
XXXXL	1 079030907

7905E

work overalls in T/C canvas, 260 g/m², Oxford insets, grey

CE

Beta EASY



XS	1 079050900
S	1 079050901
M	1 079050902
L	1 079050903
XL	1 079050904
XXL	1 079050905
XXXL	1 079050906
XXXXL	1 079050907



Beta

7904E

work bomber jacket, T/C canvas, 260 g/m², padded, lined, "Oxford" insets, grey

CE

Beta EASY



Size	Quantity	Code
XS	1	079040900
S	1	079040901
M	1	079040902
L	1	079040903
XL	1	079040904
XXL	1	079040905
XXXL	1	079040906
XXXXL	1	079040907

7907E

sleeveless work jacket, multipocket style, in T/C canvas, 260 g/m², Oxford insets, grey

CE

Beta EASY



Size	Quantity	Code
XS	1	079070900
S	1	079070901
M	1	079070902
L	1	079070903
XL	1	079070904
XXL	1	079070905
XXXL	1	079070906
XXXXL	1	079070907

7909E

work jacket in T/C canvas, 260 g/m², Oxford insets, grey

CE

Beta EASY



Size	Quantity	Code
XS	1	079090900
S	1	079090901
M	1	079090902
L	1	079090903
XL	1	079090904
XXL	1	079090905
XXXL	1	079090906
XXXXL	1	079090907

STRETCH

7830ST (ex 7816ST)

stretch work trousers, T/C twill, 250 g/m², grey
Slim fit, tearproof crotch and stretch waistband on sides

CE



Size	Quantity	Code
XS	1	078300000
S	1	078300001
M	1	078300002
L	1	078300003
XL	1	078300004
XXL	1	078300005
XXXL	1	078300006

7831ST

stretch work Bermuda shorts, T/C twill, 250 g/m², grey
Slim fit, tearproof crotch and stretch waistband on sides

CE



Size	Quantity	Code
XS	1	078310000
S	1	078310001
M	1	078310002
L	1	078310003
XL	1	078310004
XXL	1	078310005
XXXL	1	078310006

7833ST

stretch work overalls, T/C twill, 250 g/m², grey
Slim fit, tearproof crotch and stretch waistband

CE



Size	Quantity	Code
XS	1	078330000
S	1	078330001
M	1	078330002
L	1	078330003
XL	1	078330004
XXL	1	078330005
XXXL	1	078330006

7835ST

stretch work overalls, T/C twill, 250 g/m², grey
Slim fit, tearproof crotch and stretch waistband

CE



Size	Quantity	Code
XS	1	078350000
S	1	078350001
M	1	078350002
L	1	078350003
XL	1	078350004
XXL	1	078350005
XXXL	1	078350006

TOP LINE

7820

work trousers, twisted T/C canvas, 280 g/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



XS	1	078200000
S	1	078200001
M	1	078200002
L	1	078200003
XL	1	078200004
XXL	1	078200005
XXXL	1	078200006
XXXXL	1	078200007

7821

work Bermuda shorts, twisted T/C canvas, 280 g/m², black/grey

CE



XS	1	078210000
S	1	078210001
M	1	078210002
L	1	078210003
XL	1	078210004
XXL	1	078210005
XXXL	1	078210006
XXXXL	1	078210007

7823

work overalls, twisted T/C canvas, 280 g/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



XS	1	078230000
S	1	078230001
M	1	078230002
L	1	078230003
XL	1	078230004
XXL	1	078230005
XXXL	1	078230006
XXXXL	1	078230007

7825

work overalls, twisted T/C canvas, 280 g/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



XS	1	078250000
S	1	078250001
M	1	078250002
L	1	078250003
XL	1	078250004
XXL	1	078250005
XXXL	1	078250006
XXXXL	1	078250007

7829

work jacket, twisted T/C canvas, 280 g/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



XS	1	078290000
S	1	078290001
M	1	078290002
L	1	078290003
XL	1	078290004
XXL	1	078290005
XXXL	1	078290006
XXXXL	1	078290007

COTTON

7930P

work trousers, 100% cotton, 260 g/m², payne grey

CE



XS	1	079300100
S	1	079300101
M	1	079300102
L	1	079300103
XL	1	079300104
XXL	1	079300105
XXXL	1	079300106

7931P

work shorts, 100% cotton, 260 g/m²,
payne grey

CE



XS	1	079310100
S	1	079310101
M	1	079310102
L	1	079310103
XL	1	079310104
XXL	1	079310105
XXXL	1	079310106

7933P

work overalls, 100% cotton, 260 g/m²,
payne grey

CE



XS	1	079330100
S	1	079330101
M	1	079330102
L	1	079330103
XL	1	079330104
XXL	1	079330105
XXXL	1	079330106

Beta

7935P

work overalls, 100% cotton, 260 g/m²,
payne grey

CE



XS	1	079350100
S	1	079350101
M	1	079350102
L	1	079350103
XL	1	079350104
XXL	1	079350105
XXXL	1	079350106

7939P

work jacket, 100% cotton, 260 g/m²,
payne grey

CE



XS	1	079390100
S	1	079390101
M	1	079390102
L	1	079390103
XL	1	079390104
XXL	1	079390105
XXXL	1	079390106

RAIN



7970

waterproof trousers in PVC Tricot, blue

CE



XS	1	079700000
S	1	079700001
M	1	079700002
L	1	079700003
XL	1	079700004
XXL	1	079700005
XXXL	1	079700006

Beta

7971E

waterproof trousers, PVC-coated polyester, with thermo-taped seams, blue

CE

Beta EASY



SIZE	QTY	SKU
XS	1	079710000
S	1	079710001
M	1	079710002
L	1	079710003
XL	1	079710004
XXL	1	079710005
XXXL	1	079710006

7973

waterproof overalls in PVC Tricot, blue

CE



SIZE	QTY	SKU
XS	1	079730000
S	1	079730001
M	1	079730002
L	1	079730003
XL	1	079730004
XXL	1	079730005
XXXL	1	079730006

7978E

waterproof jacket, PVC-coated polyester, with thermo-taped seams, blue

CE

Beta EASY



SIZE	QTY	SKU
XS	1	079780000
S	1	079780001
M	1	079780002
L	1	079780003
XL	1	079780004
XXL	1	079780005
XXXL	1	079780006

7979

waterproof jacket in PVC Tricot, blue

CE



SIZE	QTY	SKU
S	1	079790001
M	1	079790002
L	1	079790003
XL	1	079790004
XXL	1	079790005
XXXL	1	079790006

7991N

technical underpants, 100% polyester, 130 g/m², black



SIZE	QTY	SKU
S	1	079910001
M	1	079910002
L	1	079910003
XL	1	079910004
XXL	1	079910005

7992N

technical undershirt, long-sleeved, 100% polyester, 130 g/m², black



SIZE	QTY	SKU
S	1	079920001
M	1	079920002
L	1	079920003
XL	1	079920004
XXL	1	079920005



ACCESSORIES

7800G

work knee pads pair



7800G

1 078000500

7981T

cap, 100% made of acrylic fibre, lined in Thinsulate™ 40 g/m², black



7981T

10 079810111

7984G

work belt, 100% TPE, with chrome-plated zinc metal buckle
one size fits all; length: 125 cm, can be shortened; width: 35 mm, black



7984G

1 079840525

7985

neck warmer made of microfleece, with adjuster, black
can also be used as a cap



7985

10 079850111

7190C

PVC ear protectors

• attenuation values: from 15.5 dB at 63 Hz to 37 dB at 8000 Hz

CE



EN 352-1

7190C

2 071900002

7195A

dust mask

CE



7195A

10 071950004

7051MP

eye protector with polycarbonate visor

CE



EN166

7051MP

5 070510001

7061TC

safety glasses with clear polycarbonate lenses

CE

EASY



7061TC

1 070610001

7076BC

safety glasses with clear polycarbonate lenses

CE

SPORT



EN166F-1F
EN172
UV 5-3.1

7076BC

1 070760009

7076BD

safety glasses with polycarbonate lenses

CE

SPORT



EN166F-1F
EN170
UV 5-2.5

7076BD

1 070760019

7076BP

safety glasses with polarized polycarbonate lenses

CE

SPORT



EN12311

7076BP

1 070760029

7076BU

leak detection glasses with UV lights

CE



EN12312-1

7076BU

1 070760039

7093BC

safety glasses with clear polycarbonate lenses

CE

IMPACT



EN166F-1F
EN170
UV400

7093BC

1 070930009

7093BD

safety glasses with dark polycarbonate lenses

CE
IMPACT



EN166F-1F
EN172
UV5-2.5

7093BD 1 070930019

C62M/W

mannequin



185
cm

65 cm

C62M/W 1 062000360

C62EV/CP

footwear display stand, 15 positions



1700 mm

460 mm

C62EV/CP 1 062000401

C63 E/W

clothing and footwear display stand



2250 mm

515 mm

1010 mm

C63E/W 1 063000010

C63 G/C

footwear "gondola" display



1010 mm

515 mm

1010 mm

C63G/C 1 063000020

6200AP/S10

set of 10 hangers



6200AP/S10 1 062000331



Since 1930 Robur has been manufacturing accessory lines for cables according to the acknowledged quality standards of Beta Utensili, whose products are complementary to those of Robur.

Expertise, organization and technology are the key ingredients of ongoing growth resulting from awareness of market requirements.

Since 1984 Robur has been headquartered in a state-of-the-art production facility in Sulmona.

MAXIMUM WORKING LOAD

WLL: working load limit
(for lifting accessories)

WFL: workforce limit
(for accessories other than lifting accessories)

BF: maximum force achieved by the item during the static traction test

LC: lashing capacity

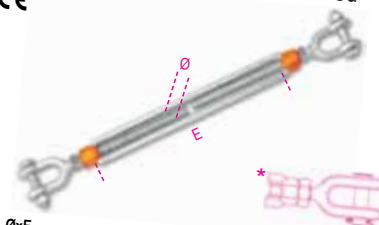


Special free service boxes on page 529

8109

jaw and jaw turnbuckles
high tensile steel, hot dip galvanized

CE



size	ØxE "	mm	WFL kg	code number
	3/8x6	M10x150	540	5 081090010
	1/2x9	M12x230	1000	5 081090012
	5/8x9	M16x230	1590	2 081090016
	3/4x9	M20x230	2360	2 081090020
	7/8x12	M22x300	3270	1 081090022
	1x6	M24x150	4540	1 081090024
	1x12	M24x300	4540	1 081090022
	* 1.1/4x12	M33x300	6900	1 081090025
	* 1.1/4x18	M33x460	6900	1 081090031
	* 1.1/4x24	M33x610	6900	1 081090032
	* 1.1/2x12	M39x300	9710	1 081090033
	* 1.3/4x18	M45x460	12700	1 081090034
	* Round pin Jaw			1 081090036

n.° of tools per box

new item 2019

Other sizes available upon request

■ 4 DIFFERENT TYPES OF CERTIFICATES

■ 161 UPDATED PRODUCT SPECIFICATIONS

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity	Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity	Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8001Z	✓	✓		✓	8085	✓	✓		✓	8303Z	✓			
8001TZ	✓	✓		✓	8086	✓	✓		✓	8317DZ	✓			
8002ZD	✓				8090	✓	✓		✓	8317SZ	✓			
8003ZD	✓				8090F	✓	✓		✓	8381SL	✓			
8004ND	✓				8090R	✓	✓		✓	8381SP	✓			
8005Z	✓			✓	8091			✓	✓	8383C	✓			
8005TZ	✓			✓	8092			✓	✓	8383P	✓			
8006Z	✓			✓	8094			✓	✓	8515V	✓			
8007Z	✓			✓	8096			✓	✓	8515Z	✓			
8008N	✓			✓	8097			✓	✓	8531	✓			
8008TZN	✓			✓	8098			✓	✓	8532	✓			
8009FD	✓				8100	✓	✓		✓	8535	✓			
8009Z	✓			✓	8105	✓				8201T	✓			
8009TZ	✓			✓	8109	✓				8205	✓			
8010Z	✓			✓	8114	✓				8206	✓			
8010TZ	✓				8116	✓				8207	✓			
8016	✓			✓	8120	✓				8209	✓			
8016DA	✓			✓	8120B	✓				8210	✓			
8016DF	✓			✓	8130A	✓				8216	✓			✓
8016FR	✓				8139DL	✓				8220	✓			
8016U2	✓		✓	✓	8150	✓		✓	✓	8225	✓			
8018E	✓				8153	✓		✓	✓	8227	✓			
8018T	✓				8156	✓		✓	✓	8228	✓			
8020	✓				8157	✓		✓	✓	8240	✓			
8021	✓				8158	✓		✓	✓	8240F	✓	✓		✓
8025	✓	✓		✓	8159	✓		✓	✓	8242	✓			
8026A	✓	✓		✓	8160	✓		✓	✓	8242F	✓	✓		✓
8026R	✓	✓		✓	8161	✓		✓	✓	8248	✓			
8028	✓	✓		✓	8166	✓				8249	✓			
8029	✓	✓		✓	8170	✓		✓	✓	8249G	✓			
8029R	✓	✓		✓	8173	✓		✓	✓	8250	✓			
8031R	✓	✓		✓	8176	✓		✓	✓	8264	✓			
8032	✓	✓		✓	8177	✓		✓	✓	8267	✓			
8040EN	✓	✓		✓	8178	✓		✓	✓	8272	✓			
8040EZ	✓	✓		✓	8180	✓				8273	✓			
8042EN	✓	✓		✓	8181	✓				8274	✓			
8042EZ	✓	✓		✓	8181S	✓				8274A	✓			
8044	✓	✓		✓	8182	✓				8274G	✓			
8048	✓				8182A	✓				8276	✓			
8049	✓	✓		✓	8182E	✓				8276G	✓			
8051S	✓	✓		✓	8182S	✓				8278	✓			
8052	✓	✓		✓	8182M	✓				8280	✓			
8055S	✓	✓		✓	8182T	✓				8282	✓			
8057	✓	✓		✓	8182TS	✓				8282S	✓			
8058	✓	✓		✓	8185	✓				8284	✓			
8060	✓	✓		✓	8186	✓				8285	✓			
8061F	✓	✓		✓	8187	✓				8286	✓			
8062	✓	✓		✓	8188C	✓				8287	✓			
8064S	✓	✓		✓	8188CG/25	✓				8290	✓			
8065SC	✓	✓		✓	8188F	✓				8293	✓			
8074	✓				8188F/35	✓				8297C	✓			
8074A	✓				8188FG2	✓				8297F	✓			
8074G	✓				8188FG3	✓				8381SX	✓			
8080	✓				8302Z	✓								

8001Z

turnbuckle bodies,
galvanized



TECHNICAL DATA

- safety factor: 4
- traceability code

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg		
M5	3/16	80	115	100	080010105
M6	1/4	80	160	100	080010106
M8	5/16	105	300	25	080010108
M10	3/8	125	470	20	080010110
M11	7/16	135	580	15	080010111
M12	1/2	140	690	20	080010112
M14	9/16	170	940	15	080010114
M16	5/8	190	1290	15	080010116
M18	11/16	205	1660	10	080010118
M20	3/4	220	2130	10	080010120
M22	7/8	240	2630	8	080010122
M24	1"	260	3060	5	080010124
M27	1 1/8	270	4000	1	080010127
M30	1 3/16	280	4860	1	080010130
M33	1 1/4	290	6040	1	080010133
M36*	1 3/8	300	6500	1	080010198
M39*	1 1/2	300	7900	1	080010199

Whitworth thread subject to availability
New batches with metric thread

8001TZ

pipe turnbuckle bodies,
galvanized



DIN 1478

TECHNICAL DATA

- safety factor: 4
- traceability code

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg		
M12	1/2	125	690	10	080010512
M16	5/8	170	1290	5	080010516
M20	3/4	200	2130	5	080010520
M24	1	255	3060	3	080010524
* M27	1 1/8	255	4000	1	080010527
M30	1 3/16	255	4860	1	080010530
M36	1 3/8	295	6500	1	080010536
M42	1 5/8	330	9700	1	080010542

* Sizes not contemplated by the standard

8002ZD

turnbuckle eyes
right thread, galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	37	115	200	080020105
M6	1/4	40	160	150	080020106
M8	5/16	52	300	100	080020108
M10	3/8	60	470	100	080020110
M11	7/16	65	580	1	080020111
M12	1/2	72	690	50	080020112
M14	9/16	85	940	1	080020114
M16	5/8	95	1290	1	080020116
M18	11/16	103	1660	1	080020118
M20	3/4	110	2130	1	080020120
M22	7/8	120	2630	1	080020122
M24	1"	130	3060	1	080020124
M27	1 1/8	135	4000	1	080020127
M30	1 3/16	140	4860	1	080020130
M33	1 1/4	148	6040	1	080020133
M36*	1 3/8	150	6500	1	080020198
M39*	1 1/2	150	7900	1	080020199

Whitworth thread subject to availability
New batches with metric thread

left-handed thread

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	37	115	1	080020305
M6	1/4	40	160	1	080020306
M8	5/16	52	300	1	080020308
M10	3/8	60	470	1	080020310
M11	7/16	65	580	1	080020311
M12	1/2	72	690	1	080020312
M14	9/16	85	940	1	080020314
M16	5/8	95	1290	1	080020316
M18	11/16	103	1660	1	080020318
M20	3/4	110	2130	1	080020320
M22	7/8	120	2630	1	080020322
M24	1"	130	3060	1	080020324
M27	1 1/8	135	4000	1	080020327
M30	1 3/16	140	4860	1	080020330
M33	1 1/4	148	6040	1	080020333
M36*	1 3/8	150	6500	1	080020398
M39*	1 1/2	150	7900	1	080020399



8004ND

turnbuckle stubs
right-handed thread, self-coloured



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	115	1	080040005
M6	1/4	44	160	1	080040006
M8	5/16	53	300	1	080040008
M10	3/8	63	470	1	080040010
M12	1/2	70	690	1	080040012
M14	9/16	85	940	1	080040014
M16	5/8	95	1290	1	080040016
M18	11/16	103	1660	1	080040018
M20	3/4	110	2130	1	080040020
M22	7/8	120	2630	1	080040022
M24	1"	130	3060	1	080040024
M27	1 1/8	135	4000	1	080040027
M30	1 3/16	140	4860	1	080040030
M33	1 1/4	150	6040	1	080040033
M36*	1 3/8	150	6500	1	080040098
M39*	1 1/2	150	7900	1	080040099

Whitworth thread subject to availability
New batches with metric thread

left-handed thread

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	115	1	080040105
M6	1/4	44	160	1	080040106
M8	5/16	53	300	1	080040108
M10	3/8	63	470	1	080040110
M12	1/2	70	690	1	080040112
M14	9/16	85	940	1	080040114
M16	5/8	95	1290	1	080040116
M18	11/16	103	1660	1	080040118
M20	3/4	110	2130	1	080040120
M22	7/8	120	2630	1	080040122
M24	1"	130	3060	1	080040124
M27	1 1/8	135	4000	1	080040127
M30	1 3/16	140	4860	1	080040130
M33	1 1/4	150	6040	1	080040133
M36*	1 3/8	150	6500	1	080040198
M39*	1 1/2	150	7900	1	080040199

8003ZD

turnbuckle hooks
right thread, galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

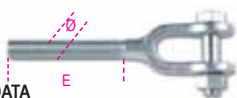
Ø	≈	E	WFL		
mm	"	mm	kg		
M5	3/16	40	25	150	080030105
M6	1/4	40	45	120	080030106
M8	5/16	52	95	100	080030108
M10	3/8	60	140	70	080030110
M11	7/16	65	165	1	080030111
M12	1/2	70	300	30	080030112
M14	9/16	85	420	1	080030114
M16	5/8	95	570	1	080030116
M18	11/16	103	700	1	080030118
M20	3/4	110	900	1	080030120
M22	7/8	120	1100	1	080030122
M24	1"	130	1300	1	080030124
M27	1 1/8	135	2300	1	080030127

left-handed thread

Ø	≈	WFL	E		
mm	"	kg	mm		
M5	3/16	40	25	1	080030305
M6	1/4	40	45	1	080030306
M8	5/16	52	95	1	080030308
M10	3/8	60	140	1	080030310
M11	7/16	65	165	1	080030311
M12	1/2	70	300	1	080030312
M14	9/16	85	420	1	080030314
M16	5/8	95	570	1	080030316
M18	11/16	103	700	1	080030318
M20	3/4	110	900	1	080030320
M22	7/8	120	1100	1	080030322
M24	1"	130	1300	1	080030324
M27	1 1/8	135	2300	1	080030327

8009FD

turnbuckle jaws
right-handed thread, galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø	≈	E	WFL		
mm	"	mm	kg		
M8	5/16	53	300	1	080090208
M10	3/8	63	470	1	080090210
M12	1/2	70	690	1	080090212
M14	9/16	85	940	1	080090214
M16	5/8	95	1290	1	080090216
M18	11/16	103	1660	1	080090218
M20	3/4	110	2130	1	080090220
M22	7/8	120	2630	1	080090222
M24	1"	130	3060	1	080090224
M27	1 1/8	135	4000	1	080090227
M30	1 3/16	140	4860	1	080090230

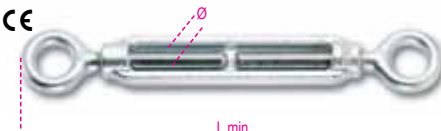
left-handed thread

Ø	≈	E	WFL		
mm	"	mm	kg		
M8	5/16	53	300	1	080090408
M10	3/8	63	470	1	080090410
M12	1/2	70	690	1	080090412

Ø	≈	E	WFL		
mm	"	mm	kg		
M14	9/16	85	940	1	080090414
M16	5/8	95	1290	1	080090416
M18	11/16	103	1660	1	080090418
M20	3/4	110	2130	1	080090420
M22	7/8	120	2630	1	080090422
M24	1"	130	3060	1	080090424
M27	1 1/8	135	4000	1	080090427
M30	1 3/16	140	4860	1	080090430

8005Z

eye and eye turnbuckles,
galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø	≈	L min	WFL		
mm	"	mm	kg		
M5	3/16	118	115	400	080050105
M6	1/4	130	160	300	080050106
M8	5/16	158	300	200	080050108
M10	3/8	192	470	100	080050110
M11	7/16	206	580	80	080050111
M12	1/2	226	690	60	080050112
M14	9/16	256	940	15	080050114
M16	5/8	290	1290	10	080050116
M18	11/16	358	1660	1	080050118
M20	3/4	358	2130	1	080050120
M22	7/8	400	2630	1	080050122
M24	1"	436	3060	1	080050124
M27	1 1/8	474	4000	1	080050125
M30	1 3/16	498	4860	1	080050130
M33	1 1/4	516	6040	1	080050126
M36*	1 3/8	532	6500	1	080050136
M39*	1 1/2	544	7900	1	080050139

Whitworth thread subject to availability
New batches with metric thread

special packaging

Ø	≈				
mm	"				
M5	3/16	30	1	080050705	
M6	1/4	30	1	080050706	
M8	5/16	20	1	080050708	
M10	3/8	15	1	080050710	
M11	7/16	15	1	080050711	
M12	1/2	15	1	080050712	



8005TZ

hot-forged eye and eye turnbuckles
pipe bodies, galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø	≈	WFL		
mm	"	kg		
M12	1/2	690	15	080050512
M16	5/8	1290	1	080050516
M20	3/4	2130	1	080050520
M24	1"	3060	1	080050524
M27	1 1/8	4000	1	080050527
M30	1 3/16	4860	1	080050530
M36	1 3/8	6500	1	080050536

8006Z

hook and eye turnbuckles,
galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

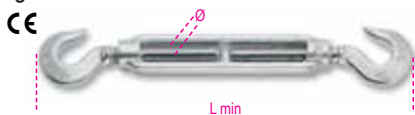
Ø	≈	L min	WFL		
mm	"	mm	kg		
M5	3/16	121	25	400	080060105
M6	1/4	132	45	250	080060106
M8	5/16	170	95	180	080060108
M10	3/8	204	140	100	080060110
M11	7/16	221	165	15	080060111
M12	1/2	244	300	15	080060112
M14	9/16	284	420	10	080060114
M16	5/8	322	570	1	080060116
M18	11/16	373	700	1	080060118
M20	3/4	391	900	1	080060120
M22	7/8	433	1100	1	080060122
M24	1"	470	1300	1	080060124
M27	1 1/8	503	2300	1	080060127

special packaging

Ø	≈				
mm	"				
M5	3/16	30	1	080060705	
M6	1/4	30	1	080060706	
M8	5/16	20	1	080060708	
M10	3/8	15	1	080060710	

8007Z

hook and hook turnbuckles,
galvanized



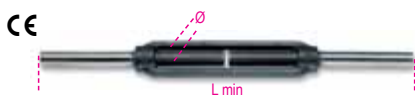
TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg		
M5	3/16	124	25	30	080070105
M6	1/4	134	45	30	080070106
M8	5/16	181	95	20	080070108
M10	3/8	211	140	15	080070110
M11	7/16	231	165	15	080070111
M12	1/2	262	300	15	080070112
M14	9/16	312	420	1	080070114
M16	5/8	354	570	1	080070116
M18	11/16	388	700	1	080070118
M20	3/4	424	900	1	080070120
M22	7/8	466	1100	1	080070122
M24	1"	504	1300	1	080070124
M27	1 1/8	532	2300	1	080070127

8008N

stub and stub turnbuckles
self-coloured



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg		
M5	3/16	160	115	30	080080205
M6	1/4	180	160	30	080080206
M8	5/16	210	300	20	080080208
M10	3/8	250	470	15	080080210
M12	1/2	280	690	15	080080212
M14	9/16	340	940	5	080080214
M16	5/8	380	1290	5	080080216
M18	11/16	410	1660	3	080080218
M20	3/4	440	2130	3	080080220
M22	7/8	480	2630	2	080080222
M24	1"	520	3060	2	080080224
M27	1 1/8	560	4000	1	080080227
M30	1 1/4	560	4860	1	080080230
M33	1 1/4	600	6040	1	080080233
M36*	1 3/8	600	6500	1	080080236
M39*	1 1/2	600	7900	1	080080239

Whitworth thread subject to availability
New batches with metric thread

8008TZN

stub and stub turnbuckles,
pipe bodies DIN 1478,
self-coloured terminals, galvanized bodies



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Product specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg		
M12	1/2	690	10	080080512
M16	5/8	1290	1	080080516
M20	3/4	2130	1	080080520
M24	1	3060	1	080080524
M27	1.1/8	4000	1	080080527
M30	1.3/16	4860	1	080080530
M36	1.3/8	6500	1	080080536

8009Z

jaw and jaw turnbuckles,
galvanized



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg		
M8	5/16	192	300	15	080090008
M10	3/8	234	470	15	080090010
M12	1/2	274	690	15	080090012
M14	9/16	342	940	1	080090014
M16	5/8	372	1290	1	080090016
M18	11/16	406	1660	1	080090018
M20	3/4	406	2130	1	080090020
M22	7/8	466	2630	1	080090022
M24	1"	486	3060	1	080090024
M27	1 1/8	510	4000	1	080090027
M30	1 3/16	566	4860	1	080090030

8009TZ

jaw and jaw turnbuckles,
pipe bodies, DIN 1478
galvanized



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg		
M12	1/2	690	10	080090512
M16	5/8	1290	1	080090516
M20	3/4	2130	1	080090520
M24	1	3060	1	080090524
M27	1.1/8	4000	1	080090527
M30	1.3/16	4860	1	080090530

8010Z

eye and jaw turnbuckles,
galvanized



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg		
M8	5/16	175	300	20	080100008
M10	3/8	215	470	15	080100010
M12	1/2	250	690	10	080100012
M14	9/16	299	940	10	080100014
M16	5/8	331	1290	1	080100016
M18	11/16	382	1660	1	080100018
M20	3/4	382	2130	1	080100020
M22	7/8	433	2630	1	080100022
M24	1"	461	3060	1	080100024
M27	1 1/8	492	4000	1	080100027
M30	1 3/16	529	4860	1	080100030

8010TZ

eye and jaw turnbuckles,
pipe bodies DIN 1478,
galvanized



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS • chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Production specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg		
M12	1/2	690	10	080100612
M16	5/8	1290	1	080100616
M20	3/4	2130	1	080100620
M24	1	3060	1	080100624
M27	1.1/8	4000	1	080100627
M30	1.3/16	4860	1	080100630

Robur

8105

eye and eye turnbuckles
high tensile steel, hot dip galvanized

CE



TECHNICAL DATA

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, eyes: hardening and tempering

LABORATORY TESTS

- chemical analysis
- tensile test
- proof load test 2 x WFL

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxL " mm	≈ mm	WFL kg		
3/8x6	M10x150	540	5	081050010
1/2x9	M12x230	1000	5	081050012
5/8x9	M16x230	1590	2	081050016
3/4x9	M20x230	2360	2	081050020
7/8x12	M22x300	3270	1	081050022
1x6	M24x150	4540	1	081050024
1x12	M24x300	4540	1	081050025
1.1/4x12	M33x300	6900	1	081050031
1.1/4x18	M33x460	6900	1	081050032
1.1/4x24	M33x610	6900	1	081050033
1.1/2x12	M39x300	9710	1	081050034
1.3/4x18	M45x460	12700	1	081050036

Other sizes available upon request

8109

jaw and jaw turnbuckles
high tensile steel, hot dip galvanized

CE



TECHNICAL DATA

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, jaws: hardening and tempering

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxL " mm	≈ mm	WFL kg		
3/8x6	M10x150	540	5	081090010
1/2x9	M12x230	1000	5	081090012
5/8x9	M16x230	1590	2	081090016
3/4x9	M20x230	2360	2	081090020
7/8x12	M22x300	3270	1	081090022
1x6	M24x150	4540	1	081090024
1x12	M24x300	4540	1	081090025
* 1.1/4x12	M33x300	6900	1	081090031
* 1.1/4x18	M33x460	6900	1	081090032
* 1.1/4x24	M33x610	6900	1	081090033
* 1.1/2x12	M39x300	9710	1	081090034
* 1.3/4x18	M45x460	12700	1	081090036

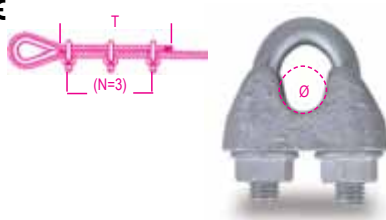
* Round pin Jaw

Other sizes available upon request

8016U2

wire rope clips
malleable cast iron body
galvanized

CE



tipo All. A EN 13411-5

TECHNICAL DATA

- traceability code

LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

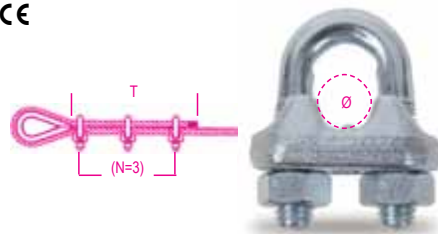
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
5	3/16	3x156	2,0	300	080160855
6,5	1/4	3x192	3,5	150	080160856
8	5/16	4x320	6	70	080160858
10	3/8	4x320	9	60	080160860
12	1/2	4x384	20	25	080160862
14	9/16	4x448	33	15	080160864
16	5/8	4x512	49	10	080160866
19	3/4	4x512	68	10	080160869
22	7/8	5x680	107	10	080160872
26	1	5x760	147	5	080160876
30	1.1/8	6x984	212	5	080160880
34	1.1/4	6x1080	296	5	080160884
40	1.1/2	6x1176	363	5	080160890

8016

wire rope clips,
hot forged steel body,
galvanized

CE



TECHNICAL DATA

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
3	1/8	3x80	1,53	500	080160003
5	3/16	3x110	3,02	300	080160005
6	1/4	3x120	5,19	200	080160006
8	5/16	5x210	5,19	150	080160008
10	3/8	5x240	12,54	70	080160010
11	7/16	5x260	12,54	70	080160011
12-13	1/2	5x300	24,76	40	080160013
14	9/16	5x295	24,76	35	080160014
16	5/8	5x335	24,76	30	080160016
18	11/16	5x380	42,42	30	080160018
20	3/4	5x540	42,42	30	080160020
22	7/8	7x595	42,42	25	080160022
24-26	1"	7x700	67,56	15	080160026
28	1 1/16	8x840	67,56	5	080160028
30-32	1 1/8	8x990	67,56	5	080160030
34-36	1 1/4	8x1155	105,80	4	080160034
38-40	1 1/2	8x1320	105,80	2	080160040
48-50	2"	8x1500	206	1	080160050

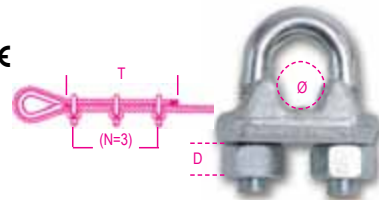
special packaging

Ø mm	"			
3	1/8	100	1	080160703
5	3/16	50	1	080160705
6	1/4	50	1	080160706
8	5/16	30	1	080160708
10	3/8	30	1	080160710
11	7/16	25	1	080160711
12-13	1/2	15	1	080160713

8016DA

wire rope clips with high nuts,
hot forged steel body,
galvanized

CE



LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

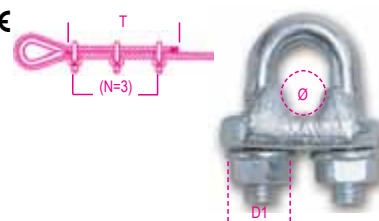
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	N x T	Nm	D mm		
5	3x110	3,02	5	300	080160093
6	3x120	5,19	6	200	080160092
8	5x210	5,19	6	150	080160098
10	5x240	12,54	8	70	080160096

8016DF

wire rope clips with flanged nuts,
hot forged steel body,
galvanized

CE



LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

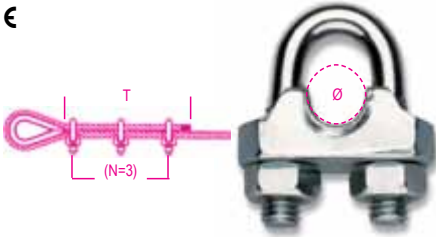
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	N x T	Nm	D1 mm		
6	3x120	5,19	14,2	200	080160066
8	5x210	5,19	14,2	150	080160068
10	5x240	12,54	17,9	70	080160070

8016FR

wire rope clips,
cold pressed steel body,
galvanized

CE



LABORATORY TESTS

- chemical analysis
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø mm	N x T	Nm		
3	1/8	3x80	1,25	500	080160253
5	3/16	3x110	2,46	300	080160255
6	1/4	3x120	4,24	200	080160256
8	5/16	5x210	4,24	150	080160258
10	3/8	5x240	10,20	70	080160260
12-13	1/2	5x300	20,11	40	080160263

8018E

wire rope clips, ENEL type,
hot forged steel body, hot-dip galvanized
U-bolts and nuts with chemical galv. protection



LABORATORY TESTS

- chemical analysis
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
4÷6	M6	34	4,24	100	080180001

8018T

wire rope clips, TELECOM type
malleable cast iron body
galvanized



RUM-MU-21:1980

LABORATORY TESTS

- chemical analysis
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
8÷10	M8	42	10,20	200	080180003

8317DZ

duplex wire rope clips
galvanized



AVAILABLE CERTIFICATES

- Test report UNI EN10204 type 2.2

Ø mm	L mm	L1 mm		
2	30	14	50	083170002
3	35	15	50	083170003
4	40	18	50	083170004
5	50	21	25	083170005
6	60	25	20	083170006
8	76	33	10	083170008
10	95	37	10	083170010

8317SZ

simplex wire rope clips
galvanized



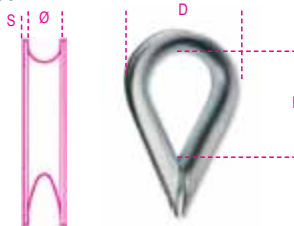
AVAILABLE CERTIFICATES

- Test report UNI EN10204 type 2.2

Ø mm	L mm	L1 mm		
2	15	14	100	083170102
3	18	16	100	083170103
4	20	19	100	083170104
5	24	23	50	083170105
6	30	27	30	083170106
8	36	34	20	083170108
10	42	37	10	083170110

8020

thimbles, italian light type,
galvanized



AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

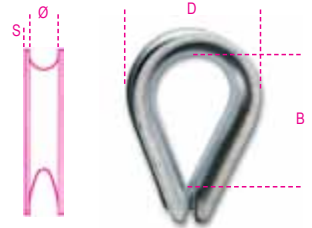
Ø mm	S mm	B mm	D mm		
2-3	0,8	20	20	350	080200003
4	1,0	22	21	300	080200004
5	1,0	23	24	300	080200005
6	1,0	27	29	200	080200006
8	1,2	33	33	180	080200008
10	1,5	40	39	100	080200010
12	1,8	44	46	160	080200012
14	2,0	49	50	100	080200014
16	2,0	57	59	150	080200016
18	2,5	68	69	100	080200018
20	3,0	78	77	70	080200020
22	3,0	88	84	60	080200022
24	3,5	92	91	40	080200025

special packaging

Ø mm	S mm			
2-3	0,8	150	1	080200703
4	1,0	150	1	080200704
5	1,0	100	1	080200705
6	1,0	100	1	080200706
8	1,2	50	1	080200708
10	1,5	30	1	080200710

8021

thimbles, heavy type,
galvanized



AVAILABLE CERTIFICATES

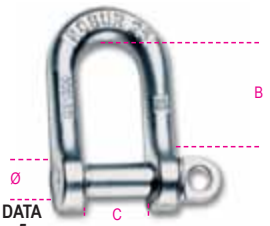
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	S mm	B mm	D mm		
2-3	0,6	15	16	150	080210003
5	1,7	29	28	120	080210005
6	1,8	33	30	100	080210006
8	2,5	36	37	100	080210008
10	2,5	42	43	80	080210010
12	2,5	48	50	100	080210012
14	2,7	58	57	70	080210014
16	3,0	61	62	50	080210016
18	3,5	71	71	70	080210018
20	4,0	79	79	60	080210020
22	4,0	87	84	50	080210022
24	4,0	93	92	40	080210024
26	4,0	103	103	35	080210026
28	5,0	107	116	1	080210028
30	5,0	118	121	1	080210030
32	5,5	138	135	1	080210032
35	6,0	140	147	1	080210035
40	6,0	173	170	1	080210040

8025

lifting LARGE DEE shackles,
hot forged carbon steel,
galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈	B x C mm	WLL kg		
5	3/16	21x10	70	250	080250005
6	1/4	25x12	100	250	080250006
8	5/16	33x16	250	150	080250008
10	3/8	42x20	400	180	080250010
11	7/16	46x22	500	130	080250011
12	1/2	50x24	600	100	080250012
14	9/16	57x28	800	70	080250014
16	5/8	61x32	1000	15	080250016
18	11/16	65x36	1300	15	080250018
20	3/4	70x40	1600	10	080250020
22	7/8	74x44	2000	10	080250022
25	1"	80x48	2800	5	080250025



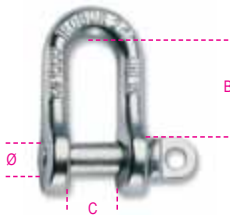
special packaging

Ø mm	"				
5	3/16	25		1	080250705
6	1/4	25		1	080250706
8	5/16	25		1	080250708
10	3/8	15		1	080250710
11	7/16	12		1	080250711
12	1/2	12		1	080250712
14	9/16	10		1	080250714

8026A

lifting DEE shackles,
hot forged carbon steel,
UNI 1947 type A, galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

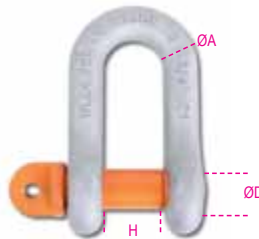
Ø mm	"	B x C mm	WLL kg		
12	1/2	42x20	630	35	080260012
14	9/16	46x22	800	30	080260014
16	5/8	50x24	1000	20	080260016
18	11/16	54x26	1300	15	080260018
20	3/4	58x28	1600	10	080260020
22	7/8	69x32	2000	10	080260022
25	1"	79x36	2500	5	080260025
28	1.1/8	90x40	3150	2	080260028
32	1.1/4	100x45	4000	2	080260032
36	1.3/8	110x50	5000	1	080260036
40	1.9/16	120x55	6300	1	080260040
42	1.5/8	131x60	8000	1	080260042
45	1.3/4	143x65	10000	1	080260045
50	2"	155x70	12500	1	080260050



8026R

straight shackles with screw collar pin,
high-tensile alloy steel, GRADE 6,
hot-dipped galvanized body

CE



EN 13889
GRADE 6

TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on both pin and body

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

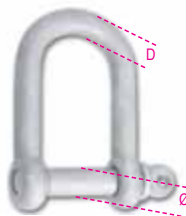
AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØA mm	ØD mm	H mm	WLL kg		
13	16	21	2000	5	080260212
16	19	27	3250	3	080260216
19	22	32	4750	2	080260219
22	25	37	6500	2	080260222

8531

dee FISHING shackles,
hot-dip galvanized



AVAILABLE CERTIFICATES

- Test report UNI EN10204 type 2.2

Ø mm	D mm	WLL kg		
20	18	1600	1	085310018
22	20	2500	1	085310020

8532

dee FISHING shackles
with square head screw pin,
black painted



AVAILABLE CERTIFICATES

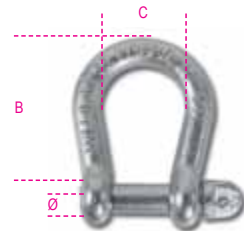
- Test report UNI EN10204 type 2.2

Ø mm	D mm	WLL kg		
20	20	1600	1	085320020
22	22	2500	1	085320022

8028

lifting BOW shackles,
hot forged carbon steel,
galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

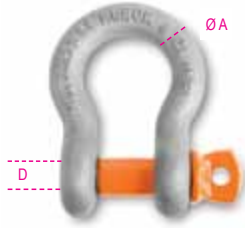
Ø mm	"	B x C mm	WLL kg		
5	3/16	20x16	80	100	080280105
6	1/4	24x20	100	70	080280106
8	5/16	32x24	200	35	080280108
10	3/8	40x33	300	25	080280110
12	1/2	48x39	500	15	080280112
14	9/16	56x46	600	7	080280114
16	5/8	64x46	800	10	080280116
18	11/16	71x59	950	5	080280118
20	3/4	80x65	1100	5	080280120
22	7/8	88x72	1500	5	080280122
25	1"	100x81	2000	2	080280125
28	1.1/8	112x91	2600	1	080280128
32	1.1/4	128x104	3200	1	080280132
38	1.1/2	152x124	4500	1	080280138



8029R - 8029

bow shackles with screw collar pins, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body

CE



EN 13889
GRADO 6

TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	ØA mm	ØD mm (*)	WLL kg		
8029R	6	8	500	20	080290106
8029R	8	10	750	15	080290108
8029R	10	11	1000	15	080290110
8029R	11	13	1500	10	080290111
8029R	13	16	2000	8	080290112
8029R	16	19	3250	5	080290116
8029R	19	22	4750	2	080290120
8029R	22	25	6500	2	080290122
8029R	26	28	8500	1	080290124
8029R	29	32	9500	1	080290128
8029R	32	35	12000	1	080290132
8029R	35	38	13500	1	080290135
8029R	38	42	17000	1	080290138
8029R	45	50	25000	1	080290145

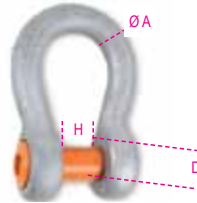
	ØA mm	ØD mm	WLL kg		
* 8029	50	57	35000	1	080290057
* 8029	57	65	42500	1	080290065
* 8029	65	70	55000	1	080290070

*Sizes not included in EN13889 standard

8032

bow shackles with square sunken hole screw pin, high-tensile alloy steel, GRADE 6, hot-dip galvanized body

CE



GRADE 6

TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

ØA	ØD	H	WLL		
mm	mm (*)	mm	kg		
13	16 (5/8)	21	2000	5	080320012
16	19 (3/4)	27	3250	3	080320016
19	22 (7/8)	32	4750	2	080320020
22	25 (1)	37	6500	2	080320022

8031R - 8031

bow shackles with safety bolt, EN13889 high-tensile alloy steel, GRADE 6, hot-dip galvanized body

CE



EN 13889

GRADO 6

TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

ØA	ØD	H	WLL			
mm	mm (*)	mm	kg			
8031R	13	16 (5/8)	21	2000	5	080310112
8031R	16	19 (3/4)	27	3250	3	080310116
8031R	19	22 (7/8)	32	4750	2	080310120
8031R	22	25 (1)	37	6500	2	080310122
8031R	26	28 (1.1/8)	43	8500	1	080310124

8031R	29	32 (1.1/4)	48	9500	1	080310128
8031R	32	35 (1.3/8)	53	12000	1	080310132
8031R	35	38 (1.1/2)	59	13500	1	080310135
8031R	38	42 (1.5/8)	62	17000	1	080310138
8031R	45	50 (2)	75	25000	1	080310145

Ø	D	H	WLL			
mm	"	mm	kg			
* 8031	65	70 (2.3/4)	105	55000	1	080310070

DIN 580 / 582 : 2010				
	WLL I kg	WLL I kg	WLL I kg	WLL I kg
* M6	90	90	90	60
M8	140	140	140	95
M10	230	230	230	160
M12	340	340	340	240
* M14	480	480	480	335
M16	700	700	700	485
* M18	930	930	930	655
M20	1200	1200	1200	845
* M22	1450	1450	1450	1025
M24	1800	1800	1800	1270
* M27	2400	2400	2400	1695
M30	3200	3200	3200	2260
* M33	3900	3900	3900	2755
M36	4600	4600	4600	3250
M42	6300	6300	6300	4455
M48	8600	8600	8600	6080
M56	11500	11500	11500	8130
M64	16000	15550	16000	11310

8040EZ

lifting eye bolts, DIN 580 galvanized

CE



DIN 580:2010-09

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	WLL	E	WLL		
mm	mm	mm	kg		
* M6	1	11	90	60	080400406
M8	1,25	13	140	60	080400408
M10	1,5	17	230	50	080400410
M12	1,75	20,5	340	25	080400412
* M14	2	20,5	480	25	080400414
M16	2	27	700	15	080400416
* M18	2,5	27	930	15	080400418
M20	2,5	30	1200	10	080400420
* M22	2,5	30	1450	10	080400422
M24	3	36	1800	5	080400424
* M27	3	41	2400	5	080400427
M30	3,5	45	3200	2	080400430
* M33	3,5	54	3900	2	080400433
* M33F	2	54	3900	2	080400434
M36	4	54	4600	2	080400436
* M36F	3	54	4600	2	080400437
M42	4,5	63	6300	1	080400442
* M42F	3	63	6300	1	080400443
M48	5	68	8600	1	080400448
* M48F	3	68	8600	1	080400449
M56	5,5	78	11500	1	080400456
* M56F	4	78	11500	1	080400457
M64	6	90	16000	1	080400464
* M64F	4	90	16000	1	080400465

*Sizes not included in DIN standard

Robur

8040EN

lifting eye bolts, DIN 580
self-coloured

CE



DIN 580:2010-09

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	mm	mm	E	mm	WLL	kg		
* M6	1	11	90	60	080400306			
M8	1,25	13	140	60	080400308			
M10	1,5	17	230	50	080400310			
M12	1,75	20,5	340	25	080400312			
* M14	2	20,5	480	25	080400314			
M16	2	27	700	15	080400316			
* M18	2,5	27	930	15	080400318			
M20	2,5	30	1200	10	080400320			
* M22	2,5	30	1450	10	080400322			
M24	3	36	1800	5	080400324			
* M27	3	41	2400	5	080400327			
M30	3,5	45	3200	2	080400330			
* M33	3,5	54	3900	2	080400333			
* M33F	2	54	3900	2	080400334			
M36	4	54	4600	2	080400336			
* M36F	3	54	4600	2	080400337			
M42	4,5	63	6300	1	080400342			
* M42F	3	63	6300	1	080400343			
M48	5	68	8600	1	080400348			
* M48F	3	68	8600	1	080400349			
M56	5,5	78	11500	1	080400356			
* M56F	4	78	11500	1	080400357			
M64	6	90	16000	1	080400364			
* M64F	4	90	16000	1	080400365			

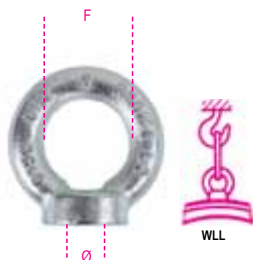
*Sizes not included in DIN standard

DIN 580 / 582 : 2010				
	WLL I	WLL I	WLL I	WLL I
	kg	kg	kg	kg
* M6	90	90	90	60
M8	140	140	140	95
M10	230	230	230	160
M12	340	340	340	240
* M14	480	480	480	335
M16	700	700	700	495
* M18	930	930	930	655
M20	1200	1200	1200	845
* M22	1450	1450	1450	1025
M24	1800	1800	1800	1270
* M27	2400	2400	2400	1695
M30	3200	3200	3200	2260
* M33	3900	3900	3900	2755
M36	4600	4600	4600	3250
M42	6300	6300	6300	4455
M48	8600	8600	8600	6080
M56	11500	11500	11500	8130
M64	16000	15550	16000	11310

8042EZ

lifting eye nuts, DIN 582
galvanized

CE



DIN 582:2010-09

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	mm	mm	F	mm	WLL	kg		
* M6	1	14	90	60	080420406			
M8	1,25	20	140	60	080420408			
M10	1,5	25	230	50	080420410			
M12	1,75	30	340	30	080420412			
* M14	2	30	480	30	080420414			
M16	2	35	700	20	080420416			
* M18	2,5	35	930	20	080420418			
M20	2,5	40	1200	15	080420420			
* M22	2,5	40	1450	15	080420422			
M24	3	50	1800	5	080420424			
* M27	3	55	2400	5	080420427			
M30	3,5	60	3200	3	080420430			
M36	4	70	4600	2	080420436			
* M36F	3	70	4600	2	080420437			
M42	4,5	80	6300	1	080420442			
* M42F	3	80	6300	1	080420443			
M48	5	90	8600	1	080420448			
* M48F	3	90	8600	1	080420449			

*Sizes not included in DIN standard

8042EN

lifting eye nuts, DIN 582
self-coloured

CE



DIN 582:2010-09

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	mm	mm	F	mm	WLL	kg		
* M6	1	14	90	60	080420306			
M8	1,25	20	140	60	080420308			
M10	1,5	25	230	50	080420310			
M12	1,75	30	340	30	080420312			
* M14	2	30	480	30	080420314			
M16	2	35	700	20	080420316			
* M18	2,5	35	930	20	080420318			
M20	2,5	40	1200	15	080420320			
* M22	2,5	40	1450	15	080420322			
M24	3	50	1800	5	080420324			
* M27	3	55	2400	5	080420327			
M30	3,5	60	3200	3	080420330			
M36	4	70	4600	2	080420336			
* M36F	3	70	4600	2	080420337			
M42	4,5	80	6300	1	080420342			
* M42F	3	80	6300	1	080420343			
M48	5	90	8600	1	080420348			
* M48F	3	90	8600	1	080420349			

*Sizes not included in DIN standard

Robur

Robur
INOX
STAINLESS STEEL



8044

lifting eye nuts, UNI 2948
self-coloured

CE



UNI 2948

TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	WLL kg		
M8	1,25	80	4	080440008
M10	1,5	160	4	080440010
M12	1,75	250	4	080440012
M14	2	250	2	080440014
M16	2	400	2	080440016
M20	2,5	630	2	080440020
M24	3	1000	2	080440024

8041

lifting eyebolts,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	E mm	WLL kg		
M8	1,25	13	600	10	080410208
M10	1,5	17	800	6	080410210
M12	1,75	20,5	1300	4	080410212
M16	2	27	3200	2	080410216
M20	2,5	30	4800	2	080410220
M24	3	36	6500	2	080410224
M30	3,5	45	9500	1	080410230

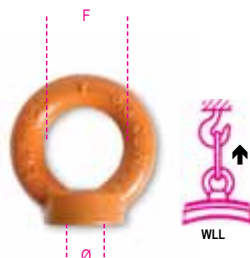
(*) Dimensional specifications DIN 580:2010

WLL increased according to Robur Technical Product Specifications

8043

lifting eye nuts,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	F mm	WLL kg		
M8	1,25	20	600	10	080430208
M10	1,50	25	800	6	080430210
M12	1,75	30	1300	4	080430212
M16	2	35	3200	2	080430216
M20	2,5	40	4800	2	080430220
M24	3	50	6500	2	080430224
M30	3,5	60	9500	1	080430230

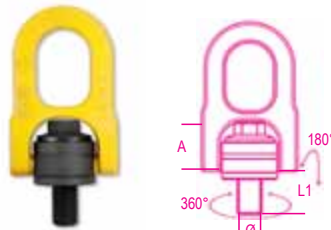
(*) Dimensional specifications DIN 582:2010

WLL increased according to Robur Technical Product Specifications

8049

adjustable lifting eyebolts,
double swivel ring,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	A mm	L1 mm	WLL kg		
M8	31,5	14	300	1	080490008
M10	31,5	17	600	1	080490010
M12	31,5	21	1000	1	080490012
M16	45	27	1600	1	080490016
M20	45	30	2500	1	080490020
M24	60,5	36	4000	1	080490024
M30	60,5	45	6300	1	080490030

8049 WLL (t)

	A°	M8	M10	M12	M16	M20	M24	M30
	0°	0,3	0,6	1	1,6	2,5	4	6,3
	0°	0,6	1,2	2	3,2	5	8	12,6
	90°	0,3	0,6	1	1,6	2,5	4	6,3
	90°	0,6	1,2	2	3,2	5	8	12,6
	0° 45°	0,4	0,8	1,4	2,2	3,5	5,6	8,8
	46° 60°	0,3	0,6	1	1,6	2,5	4	6,3
	0° 45°	0,6	1,3	2,1	3,4	5,3	8,4	13,2
	46° 60°	0,3	0,6	1	1,6	2,3	4	6,3

8048

eye tie rods right thread
self-coloured

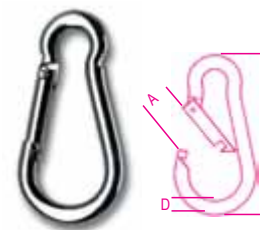


UNI 6058

ØxL mm	WFL kg	F mm		
M8x50	430	6	1	080480108
M8x65	430	6	1	080480109
M10x80	690	8	1	080480110
M10x100	690	8	1	080480210
M10x130	690	8	1	080480111
M12x70	1020	10	1	080480212
M12x95	1020	10	1	080480112
M12x125	1020	10	1	080480113
M14x110	1420	12	1	080480114
M16x100	1980	14	1	080480115
M16x130	1980	14	1	080480116
M18x150	2390	16	1	080480118
M20x160	3100	18	1	080480120
M22x180	3890	18	1	080480122
M24x200	4460	20	1	080480124
M27x220	5900	22	1	080480127

8074

carabine hooks,
galvanized



DIN 5299

TECHNICAL DATA

- safety factor: 4
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg		
4x40	6	20	100	080740040
5x50	7	30	100	080740050
6x60	8	40	100	080740060
7x70	9	60	50	080740070
8x80	11	75	50	080740080
9x90	12	100	25	080740090
10x100	13	120	25	080740100
11x120	16	140	20	080740101
12x140	22	140	15	080740102
13x160	24	200	10	080740103
14x180	32	250	5	080740104

8074A

ring carabine hooks,
galvanized



DIN 5299

TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg		
5x50	7,4	30	50	080740405
6x60	8,7	40	50	080740406
8x80	10,5	75	25	080740408
10x100	13,3	120	10	080740410

8074G

carabine hooks with screw nut,
galvanized



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg		
5x50	7,5	30	50	080740305
6x60	8,5	40	50	080740306
8x80	10,3	75	25	080740308
10x100	10,6	120	10	080740310

8080

quick links,
galvanized



TECHNICAL DATA

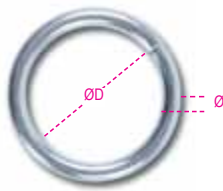
- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg		
3,5x36	5	20	100	080800003
4x40	6	30	100	080800004
5x49	6	50	100	080800005
6x57	8	60	100	080800006
7x66	8	100	50	080800007
8x74	11	140	50	080800008

DxL mm	A mm	WFL kg		
9x80	11	160	25	080800009
10x89	11	220	25	080800010
12x105	15	300	20	080800012
14x125	16,5	400	3	080800014

8082

rings
galvanized steel



ø mm	øD mm		
4	20	50	080820004
5	30	20	080820005
6	40	10	080820006
7	50	5	080820007
8	60	5	080820008

8083

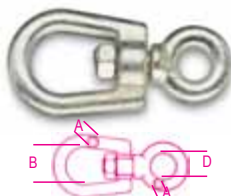
S-hooks
galvanized steel



ø mm	L mm		
3	33	40	080830003
4	40	30	080830004
5	47	20	080830005
6	59	15	080830006
8	79	5	080830008

8114

eye and eye swivels,
italian "Marche" type,
carbon steel, galvanized



TECHNICAL DATA

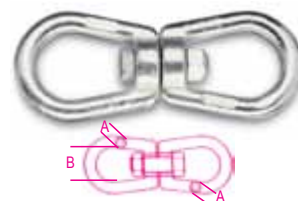
- safety factor: 4
- traceability code
- LABORATORY TESTS
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	D mm	WFL kg		
8	30	16	250	1	081140008
10	38	18	300	1	081140010
12	42	20	650	1	081140012

A mm	B mm	D mm	WFL kg		
14	48	22	820	1	081140014
16	57	24	1000	1	081140016
18	64	26	1600	1	081140018
20	72	30	2000	1	081140020
22	80	34	2500	1	081140022

8116

eye and eye swivels,
carbon steel, galvanized



TECHNICAL DATA

- safety factor: 4
- traceability code
- LABORATORY TESTS
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	WFL kg		
6	23	140	1	081160006
8	30	250	1	081160008
10	38	300	1	081160010
12	42	650	1	081160012
14	48	820	1	081160014
16	57	1000	1	081160016
18	64	1600	1	081160018
20	72	2000	1	081160020
22	80	2500	1	081160022

8120

Genovese chains
for static connections,
galvanized



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø mm	nr	WFL kg	m		
1,5	10	8	150	1	081200015
1,6	12	15	150	1	081200016
2,2	14	25	75	1	081200022
2,7	16	40	75	1	081200027
3,0	17	55	75	1	081200030
3,4	18	100	60	1	081200034
3,8	19	110	50	1	081200038
4,4	20	200	40	1	081200044
4,8	21	250	30	1	081200048
5,5	22	300	25	1	081200055
5,8	23	310	25	1	081200058
6,5	24	400	25	1	081200065
7,5	26	550	20	1	081200075
* 8,0	27	600	25	1	081200080
* 9,0	28	800	25	1	081200090
* 10,0	30	1000	20	1	081200100
* 12,0	32	1400	15	1	081200120

Caution: product NOT designed for lifting purposes

(*) available in COILS

8120B

Genovese chains for static connections, galvanised



TECHNICAL DATA

• safety factor: 4

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report type 2.2 UNI EN10204

Ø mm	nr	WFL kg	m		
1,5	10	8	200	1	081200315
1,6	12	15	200	1	081200316
2,2	14	25	100	1	081200322
2,7	16	40	100	1	081200327
3,0	17	55	75	1	081200330
3,4	18	100	100	1	081200334
3,8	19	110	75	1	081200338
4,4	20	200	50	1	081200344
4,8	21	250	50	1	081200348
5,5	22	300	40	1	081200355
5,8	23	310	30	1	081200358
6,5	24	400	30	1	081200365
7,5	26	550	25	1	081200375
8,0	27	600	15	1	081200380
9,0	28	800	15	1	081200390
10,0	30	1000	10	1	081200400
12,0	32	1400	8	1	081200420

Caution: NOT for lifting

8130

antitheft chains, made of alloy steel, case-hardened, tempered, galvanised



Ø mm	L mm		
6	800	1	081300068
8	1000	1	081300081
8	1200	1	081300082
10	1500	1	081300105

8130A

anti-theft chains with rings, made of alloy steel, case-hardened, tempered, galvanised



Ø mm	L mm		
10	900	1	081300209

8131Z

antitheft chains with padlocks



Ø mm	L mm	8139Z Ø mm		
6	800	8	1	081310060
6	800	10	1	081310068
8	1000	10	1	081310081
8	1200	10	1	081310082
10	1500	10	1	081310105

8131DL

disc lock with anti-theft chain 8130A



Ø mm	L mm		
10	900	1	081310209

8139DL

motorcycle disc locks, made of hardened steel, shockproof PVC, blister-packed

- supplied with 3 keys, signalling cable, case
- suitable for 10mm chains

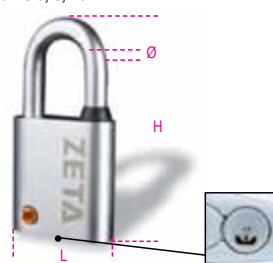


Ø mm	L mm	H mm		
14	108	56	1	081390214

8139Z

padlocks for antitheft chains, zinc alloy bodies

- supplied with 3 mapped keys
- suitable for chains 6, 8, 10 mm



Ø mm	L mm	H mm		
8	45	90	1	081390008
10	55	98	1	081390009

8139ZCH

3 neutral spare keys for locks 8139Z



8139ZCH		
	1	081390909

suitable for locks ø8 and ø10

8302Z

fastening eye bolts, right thread, galvanised



TECHNICAL DATA

• safety factor: 4

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	E mm	F mm	WFL kg		
M5	48	8	115	200	083020005
M6	55	10	160	150	083020006
M8	60	12	300	100	083020008
M10	73	14	470	100	083020010
M12	90	17	690	50	083020012

8303Z

fastening hooks, right thread, galvanised



TECHNICAL DATA

• safety factor: 4

AVAILABLE CERTIFICATES

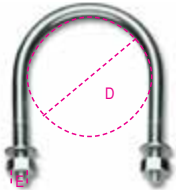
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	C mm	E mm	WFL kg		
M5	6,0	48	25	150	083030005
M6	8,0	55	45	120	083030006
M8	10,0	60	95	100	083030008
M10	12,5	73	140	70	083030010
M12	16,0	90	220	30	083030012

Robur

8381SL

U bolts for pipes, light type, galvanized



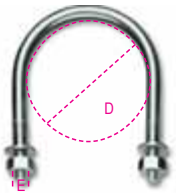
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

D mm	D gas	E mm		
11	1/8"	M6	100	083810201
14	1/4"	M6	100	083810202
18	3/8"	M6	100	083810203
22	1/2"	M6	100	083810204
27	3/4"	M6	100	083810205
34	1"	M6	100	083810206
43	1 1/4"	M6	100	083810207
49	1 1/2"	M8	50	083810208
61	2"	M8	50	083810209
77	2 1/2"	M8	25	083810210
89	3"	M8	25	083810211
102	3 1/2"	M8	25	083810212
115	4"	M8	25	083810213
168	6"	M10	25	083810218
220	8"	M10	10	083810220

8381SP

U bolts for pipes, heavy type, galvanized



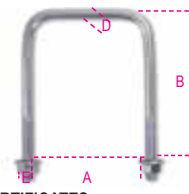
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

D mm	D gas	E mm		
22	1/2"	M8	100	083810301
27	3/4"	M8	100	083810302
34	1"	M8	100	083810303
43	1 1/4"	M8	100	083810304
49	1 1/2"	M10	50	083810305
61	2"	M10	50	083810306
77	2 1/2"	M10	50	083810307
89	3"	M10	25	083810308
102	3 1/2"	M12	25	083810309
115	4"	M12	25	083810310
168	6"	M16	25	083810315
220	8"	M16	10	083810320
274	10"	M16	1	083810374
408	16"	M24	1	083810508

8383C

square U bolts, hot galvanized
Flanged nuts



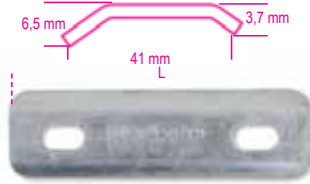
AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

A mm	E mm	B mm	D mm		
70	M10	110	8,55	130	083830070
80	M10	120	8,55	110	083830080
90	M10	130	8,55	100	083830090
100	M10	155	8,55	90	083830100
120	M10	175	8,55	70	083830120

8383P

plates for square U bolts hot galvanized



AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

	L mm		
8383P 150	150	150	083830214
8383C/70-80			
/90-100			
8383P 170	170	120	083830217
8383C/100-120			

8515Z

wire tenders, galvanized



Available Certificates

- Test Report UNI EN10204 type 2.2

D mm	H mm	L mm		
20	25	93	50	085150002
24,5	30	100	50	085150003

8515V

wire tenders, galvanized and painted



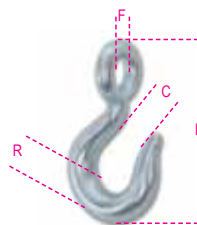
Available Certificates

- Test Report UNI EN10204 type 2.2

D mm	H mm	L mm		
20	25	93	50	085150102
24,5	30	100	50	085150103

8535

fishing hooks, galvanized



AVAILABLE CERTIFICATES

- Test report UNI EN10204 type 2.2

R mm	C mm	F mm	L mm		
26	27,5	34	156	1	085350006
30	36,5	40	185	1	085350007

8051S

lifting eye hooks, carbon steel, galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
250	14	12	10	080510202
500	18	16,5	5	080510205

8052 - 8055S

wire rope eye hooks, high-tensile alloy steel

CE



EN 1677-2

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

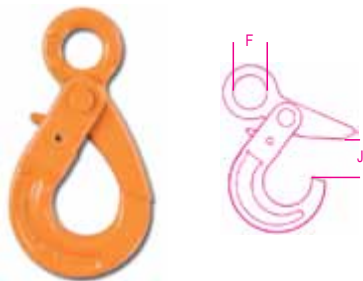
WLL kg	C mm		
8052	800	18	1 080520008
8052	1120	22,5	1 080520011
8052	2000	30	1 080520020
8052	3150	36	1 080520031
8052	4000	39,5	1 080520040

WLL kg	C mm		
8055S	5400	32	1 080550145
8055S	8000	43	1 080550170
8055S	11500	53	1 080550215
8055S	16000	58	1 080550260
8055S	22000	78	1 080550320

8057R - 8057

self-locking lifting hooks,
eye type,
high-tensile alloy steel

CE



EN 1677-3

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test

- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL	Ø	J		
	kg	mm	mm	1	080570120
8057R	2000	7-8	34	1	080570120
8057R	3150	10	44	1	080570132

	WLL	Ø	J		
	kg	mm	mm	1	080570053
8057	5300	13	54	1	080570053

8058R - 8058

self-locking lifting hooks,
Clevis type,
high-tensile alloy steel

CE



EN 1677-3

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test

- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL	Ø	J		
	kg	mm	mm	1	080580112
8058R	1120	6	28	1	080580112
8058R	2000	7-8	34	1	080580120
8058R	3150	10	44	1	080580132
8058R	5300	13	52	1	080580153

	WLL	Ø	J		
	kg	mm	mm	1	080580080
8058	8000	16	67	1	080580080

8060R - 8060

Clevis chain hooks,
high-tensile alloy steel

CE



EN 1677-2

TECHNICAL DATA

- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)

- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL	Ø	C		
	kg	mm	mm	1	080600111
8060R	1120	6	19	1	080600111
8060R	1500	7	19	1	080600115
8060R	2000	8	21	1	080600120
8060R	3150	10	27	1	080600132
8060R	5300	13	35	1	080600153

	WLL	Ø	C		
	kg	mm	mm	1	080600080
8060	8000	16	48	1	080600080

8061R - 8061F

Clevis grab hooks
with safety latch,
high-tensile alloy steel

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test

- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

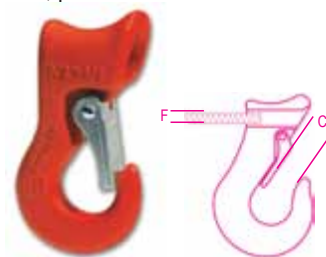
	WLL	Ø	E		
	kg	mm	mm	1	080610211
8061R	1120	6	8	1	080610211
8061R	2000	7-8	11	1	080610220
8061R	3150	10	13	1	080610231

	WLL	Ø	E		
	kg	mm	mm	1	080610153
8061F	5300	13	16,5	1	080610153
8061F	8000	16	20,5	1	080610180

8062

slip hooks
alloy steel, painted

CE



TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)

- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

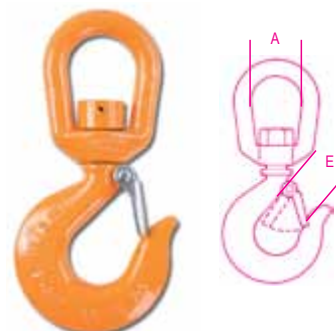
	WLL	C	F		
	kg	mm	mm	1	080620013
1500	19	10-13	1	080620013	
2000	21	16	1	080620016	
3000	26	18	1	080620018	
5000	34	22-25	1	080620025	

Robur

8063

lifting swivel hooks
(in unloaded condition)
high-tensile alloy steel

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test

- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

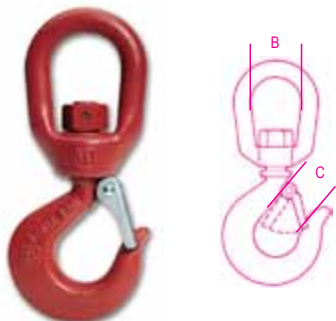
- Technical Product Specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL	A	E		
	kg	mm	mm	1	080630008
800	32	20,5	1	080630008	
1120	38	20,5	1	080630011	
2000	44,5	22	1	080630020	
3150	44,5	27	1	080630031	

8064S

swivel lifting hooks
(not under load)
carbon steel, painted

CE



EN 1677-5

TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

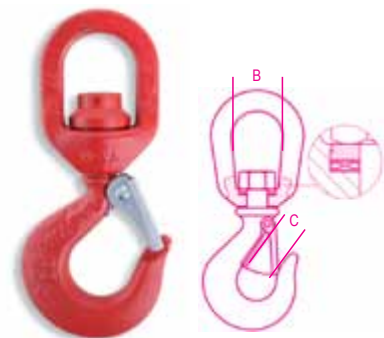
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm	
800	31	20	1 080640107
1000	40	22	1 080640110
1600	47	23	1 080640115
2000	47	27	1 080640120
3200	64	35	1 080640130
5000	77	43	1 080640150
7500	90	53	1 080640175
10000	96	58	1 080640199

8065SC

swivel load lifting hooks
carbon steel, painted

CE



EN 1677-5

TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm	
800	38	20	1 080650107
1000	38	22	1 080650110
1600	47	23	1 080650115
2000	47	27	1 080650120
3200	54	35	1 080650130
5000	72	43	1 080650150
7500	82	53	1 080650175

8050D

safety locks and spare parts kit for eye hooks



8050D1 8064S-8065SC/800	1	080500945
8050D2 8064S-8065SC/1000	1	080500946
8050D3 8064S-8065SC/1600-2000	1	080500947
8050D4 8055S/5400 - 8064S-8065SC/3200	1	080500948
8050D5 8055S/8000 8064S-8065SC/5000	1	080500949
8050D6 8055S/11500 8064S/7500	1	080500950
8050D10 8062/1500	1	080500954
8050D11 8062/2000	1	080500955
8050D12 8062/3000	1	080500956
8050D13 8062/5000	1	080500957
8050D22 8055S/16000 8064S/10000	1	080500966
8050D23 8055S/22000	1	080500967
8050D24 8051S/250	1	080500969
8050D25 8051S/500	1	080500970
8050D29 8061F/5300	1	080500974
8050D30 8061F/8000	1	080500975
8050D32 8060/8000	1	080500977
8050D33 8052/800	1	080500978
8050D34 8052/1120	1	080500979
8050D35 8052/2000	1	080500980
8050D36 8052/3150	1	080500981
8050D37 8052/4000	1	080500982
8050D38 8060R/1120	1	080500983
8050D39 8060R/2000	1	080500984
8050D40 8060R/3150	1	080500985
8050D41 8060R/5300	1	080500986
8050D42 8063/800	1	080500987
8050D43 8063R/1120	1	080500988
8050D44 8063/2000	1	080500989
8050D45 8063/3150	1	080500990
8050D46 8061R/1120	1	080500991
8050D47 8061R/2000	1	080500992
8050D48 8061R/3150	1	080500993



8050 D49 8057R/1120 - 8058R/1120	1	080500849
8050 D50 8057R/2000 - 8058R/2000	1	080500850
8050 D51 8057R/3150 - 8058R/5300	1	080500851
8050 D52 8057R/5300 - 8058R/5300	1	080500852

8085

lifting master links
alloy steel, painted

WLL means the use with 1 chain sling.

CE



EN 1677-4

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	C mm	
* 1500	7	110	60	1 080850016
2000	8	110	60	1 080850020
3150	10	135	75	1 080850032
5300	13	160	90	1 080850054
8000	16	180	100	1 080850080
11200	19	200	110	1 080850190

* If you match it with a chain 6mm in Ø, WLL= 1120 kg

8086

lifting master link assemblies
alloy steel, painted

* WLL means the use with 3 or 4 chain slings
and β angle < 45°.

CE



EN 1677-4

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

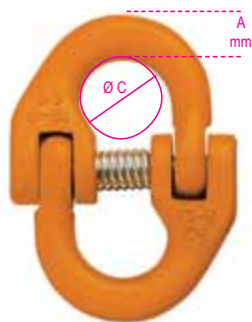
WLL kg	Ø mm	B mm	C mm	
* 3150	7	135	75	1 080860021
4250	8	160	90	1 080860042
6700	10	180	100	1 080860067
11200	13	200	110	1 080860100
17000	16	260	140	1 080860117

*If you match it with a chain 6 mm in Ø, WLL=2360 Kg.

8090R - 8090

lifting connecting links
alloy steel, painted

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening and tempering
 - traceability code
- LABORATORY TESTS
- chemical analysis, metallographic analysis
 - proof load test (WLL x 2.5)
 - tensile test
 - fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

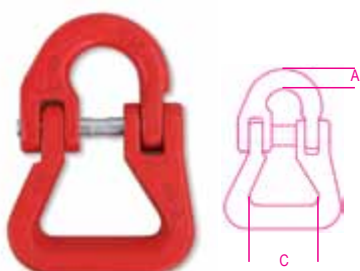
WLL	kg	Ø mm	Ø C	A		
			max	mm		
8090R	1120	6	13	7,5	1	080900111
8090R	1500	7	18	9	1	080900115
8090R	2000	8	18	11	1	080900120
8090R	3150	10	22	13,0	1	080900131
8090R	5300	13	30	16	1	080900153

WLL	kg	Ø mm	Ø C	A		
			max	mm		
8090	8000	16	32	22	1	080900080

8090F

lifting connecting links for polyester slings,
alloy steel, painted

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening and tempering
 - traceability code
- LABORATORY TESTS
- chemical analysis, metallographic analysis
 - proof load test (WLL x 2.5)
 - tensile test
 - fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

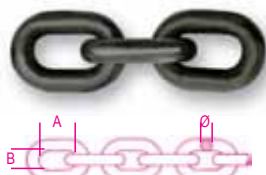
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	kg	Ø mm	A	C		
			mm	mm		
2000	7-8	10,5	40		1	080900220
3150	10	12	50		1	080900232
5300	13	17	60		1	080900253
8000	16	21	75		1	080900280

8100

lifting chains,
high-tensile alloy steel

CE



EN 818-2

TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening and tempering
 - traceability code
- LABORATORY TESTS
- chemical analysis
 - metallographic analysis
 - tensile test

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Manufacturer's Certificate EN818-2
- CE Declaration of Conformity

WLL	kg	Ø mm	A	B		
			mm	mm		
1120	6	18	7,8		1	081000011
1500	7	21	9,1		1	081000016
2000	8	24	10,4		1	081000020
3150	10	30	13		1	081000032
5300	13	39	16,9		1	081000053
8000	16	48	20,8		1	081000080

CHAIN SLINGS Grade 8

WLL Ton

UNI EN 818

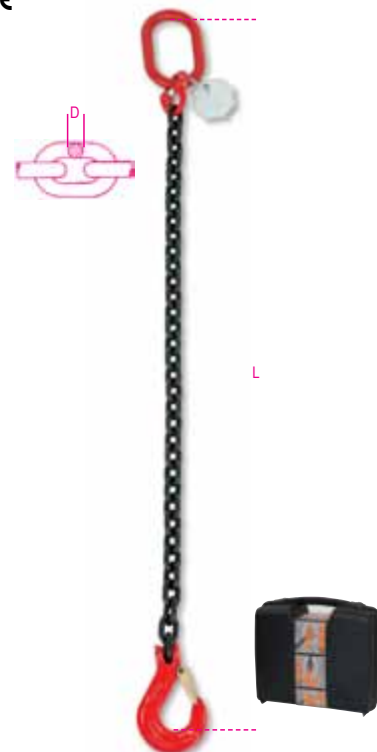
Ø D mm	WLL 1		WLL 2	
	0° < β ≤ 45°	45° < β ≤ 60°	0° < β ≤ 45°	45° < β ≤ 60°
6	1,12	1,6	1,12	
7	1,5	2,12	1,5	
8	2	2,8	2	
10	3,15	4,25	3,15	
13	5,3	7,5	5,3	
16	8	11,2	8	

Ø D mm	WLL 3	
	0° < β ≤ 45°	45° < β ≤ 60°
6	2,36	1,7
7	3,15	2,24
8	4,25	3
10	6,7	4,75
13	11,2	8
16	17	11,2

8091

lifting chain slings, 1 leg
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,12	1	080910001
6*	2	1,12	1	080910002
6*	3	1,12	1	080910003
6*	4	1,12	1	080910004
7*	1	1,5	1	080910021
7*	2	1,5	1	080910022
7*	3	1,5	1	080910023
7*	4	1,5	1	080910024
8*	1	2	1	080910041
8*	2	2	1	080910042
8*	3	2	1	080910043
8*	4	2	1	080910044
10*	1	3,15	1	080910051
10*	2	3,15	1	080910052
10*	3	3,15	1	080910053
10*	4	3,15	1	080910054
13*	1	5,3	1	080910131
13*	2	5,3	1	080910132
13*	3	5,3	1	080910133
13*	4	5,3	1	080910134
16*	1	8	1	080910161
16*	2	8	1	080910162
16*	3	8	1	080910163
16*	4	8	1	080910164

* packed in plastic case

8092

lifting chains sling, 2 legs
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080920001
6*	2	1,6	1	080920002
6*	3	1,6	1	080920003
6*	4	1,6	1	080920004
7*	1	2,12	1	080920021
7*	2	2,12	1	080920022
7*	3	2,12	1	080920023
7*	4	2,12	1	080920024
8*	1	2,8	1	080920041
8*	2	2,8	1	080920042
8*	3	2,8	1	080920043
8*	4	2,8	1	080920044
10*	1	4,25	1	080920051
10*	2	4,25	1	080920052
10*	3	4,25	1	080920053
10*	4	4,25	1	080920054
13*	1	7,5	1	080920131
13*	2	7,5	1	080920132
13	3	7,5	1	080920133
13	4	7,5	1	080920134
16*	1	11,2	1	080920161
16	2	11,2	1	080920162
16	3	11,2	1	080920163
16	4	11,2	1	080920164

* packed in plastic case

8094

lifting chain sling, 4 legs
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080940001
6*	2	2,36	1	080940002
6*	3	2,36	1	080940003
6*	4	2,36	1	080940004
7*	1	3,15	1	080940021
7*	2	3,15	1	080940022
7*	3	3,15	1	080940023
7*	4	3,15	1	080940024
8*	1	4,25	1	080940041
8*	2	4,25	1	080940042
8*	3	4,25	1	080940043
8	4	4,25	1	080940044
10*	1	6,7	1	080940051
10	2	6,7	1	080940052
10	3	6,7	1	080940053
10	4	6,7	1	080940054
13	1	11,2	1	080940131
13	2	11,2	1	080940132
13	3	11,2	1	080940133
13	4	11,2	1	080940134
16	1	17	1	080940161
16	2	17	1	080940162
16	3	17	1	080940163
16	4	17	1	080940164

* packed in plastic case

8096

lifting chain sling, 1 leg
with clevis grab hook,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,12	1	080960001
6*	2	1,12	1	080960002
6*	3	1,12	1	080960003
6*	4	1,12	1	080960004
7*	1	1,5	1	080960021
7*	2	1,5	1	080960022
7*	3	1,5	1	080960023
7*	4	1,5	1	080960024
8*	1	2	1	080960041
8*	2	2	1	080960042
8*	3	2	1	080960043
8*	4	2	1	080960044
10*	1	3,15	1	080960051
10*	2	3,15	1	080960052
10*	3	3,15	1	080960053
10*	4	3,15	1	080960054
13*	1	5,3	1	080960131
13*	2	5,3	1	080960132
13*	3	5,3	1	080960133
13*	4	5,3	1	080960134
16*	1	8	1	080960161
16*	2	8	1	080960162
16*	3	8	1	080960163
16	4	8	1	080960164

* packed in plastic case

8097

lifting chain sling, 2 legs with clevis grab hooks, grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES

- Technical product specifications

D mm	L m	WLL ton	
6*	1	1,6	1 080970001
6*	2	1,6	1 080970002
6*	3	1,6	1 080970003
6*	4	1,6	1 080970004
7*	1	2,12	1 080970021
7*	2	2,12	1 080970022
7*	3	2,12	1 080970023
7*	4	2,12	1 080970024
8*	1	2,8	1 080970041
8*	2	2,8	1 080970042
8*	3	2,8	1 080970043
8*	4	2,8	1 080970044
10*	1	4,25	1 080970051
10*	2	4,25	1 080970052
10*	3	4,25	1 080970053
10*	4	4,25	1 080970054
13*	1	7,5	1 080970131
13*	2	7,5	1 080970132
13	3	7,5	1 080970133
13	4	7,5	1 080970134
16	1	11,2	1 080970161
16	2	11,2	1 080970162
16	3	11,2	1 080970163
16	4	11,2	1 080970164

* packed in plastic case

Robur

Robur

8098

lifting chain sling, 4 legs with clevis grab hooks, grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	
6*	1	2,36	1 080980001
6*	2	2,36	1 080980002
6*	3	2,36	1 080980003
6*	4	2,36	1 080980004
7*	1	3,15	1 080980021
7*	2	3,15	1 080980022
7*	3	3,15	1 080980023
7*	4	3,15	1 080980024
8*	1	4,25	1 080980041
8*	2	4,25	1 080980042
8*	3	4,25	1 080980043
8	4	4,25	1 080980044
10*	1	6,7	1 080980051
10	2	6,7	1 080980052
10	3	6,7	1 080980053
10	4	6,7	1 080980054
13	1	11,2	1 080980131
13	2	11,2	1 080980132
13	3	11,2	1 080980133
13	4	11,2	1 080980134
16	1	17	1 080980161
16	2	17	1 080980162
16	3	17	1 080980163
16	4	17	1 080980164

* packed in plastic case

Robur

POLYESTER SLINGS

TECHNICAL DATA

- safety factor: 7
- traceability code

LABORATORY TESTS

- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN1492
- CE Declaration of Conformity

				$\beta = 0^\circ + 45^\circ$	$\beta = 45^\circ + 60^\circ$
	1t	0,8t	2t	1,4t	1t
	2t	1,6t	4t	2,8t	2t
	3t	2,4t	6t	4,2t	3t
	4t	3,2t	8t	5,6t	4t
	5t	4,0t	10t	7,0t	5t
	6t	4,8t	12t	8,4t	6t
	8t	6,4t	16t	11,2t	8t
	10t	8,0t	20t	14,0t	10t

8150

lifting web slings, purple 1t two layers with reinforced eyes high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton	
0,5	30	1	1 081500005
1	30	1	1 081500010
1,5	30	1	1 081500015
2	30	1	1 081500020
2,5	30	1	1 081500025
3	30	1	1 081500030
4	30	1	1 081500040
5	30	1	1 081500050
6	30	1	1 081500060
8	30	1	1 081500080

Robur


Robur

8153

lifting web slings, green 2t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



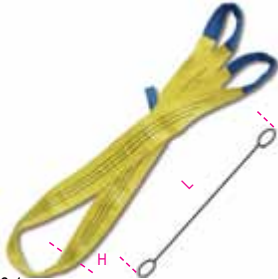
UNI EN 1492-1

L m	H mm	WLL ton		
1	60	2	1	081530010
1,5	60	2	1	081530015
2	60	2	1	081530020
2,5	60	2	1	081530025
3	60	2	1	081530030
4	60	2	1	081530040
5	60	2	1	081530050
6	60	2	1	081530060
8	60	2	1	081530080
10	60	2	1	081530100

8156

lifting web slings, yellow 3t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
1	90	3	1	081560010
1,5	90	3	1	081560015
2	90	3	1	081560020
2,5	90	3	1	081560025
3	90	3	1	081560030
4	90	3	1	081560040
5	90	3	1	081560050
6	90	3	1	081560060
8	90	3	1	081560080
10	90	3	1	081560100
12	90	3	1	081560120


Robur

8157

lifting web slings, grey 4t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
2	120	4	1	081570020
3	120	4	1	081570030
4	120	4	1	081570040
5	120	4	1	081570050
6	120	4	1	081570060
8	120	4	1	081570080
10	120	4	1	081570100
12	120	4	1	081570120

8158

lifting web slings, red 5t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
2	150	5	1	081580020
3	150	5	1	081580030
4	150	5	1	081580040
5	150	5	1	081580050
6	150	5	1	081580060
8	150	5	1	081580080
10	150	5	1	081580100
12	150	5	1	081580120

8159

lifting web slings, brown 6t
two layers with reinforced eyes
high-tenacity polyester (PES)

CE



UNI EN 1492-1

L m	H mm	WLL ton		
3	180	6	1	081590030
4	180	6	1	081590040
5	180	6	1	081590050
6	180	6	1	081590060
8	180	6	1	081590080
10	180	6	1	081590100


Robur

8160

lifting web slings, blue 8t
two layers with reinforced eyes
high-tenacity polyester (PES)

CE



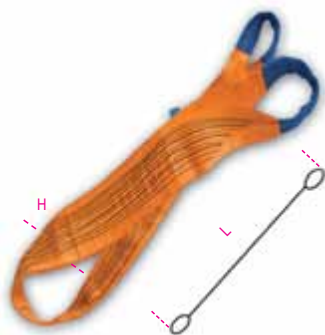
UNI EN 1492-1

L m	H mm	WLL ton		
3	240	8	1	081600030
5	240	8	1	081600050
6	240	8	1	081600060
8	240	8	1	081600080
10	240	8	1	081600100

8161

lifting web slings, orange 10t
two layers with reinforced eyes
high-tenacity polyester (PES)

CE



UNI EN 1492-1

L m	H mm	WLL ton		
4	300	10	1	081610040
5	300	10	1	081610050
6	300	10	1	081610060
8	300	10	1	081610080
10	300	10	1	081610100
12	300	10	1	081610120

8170

lifting round slings, purple 1t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

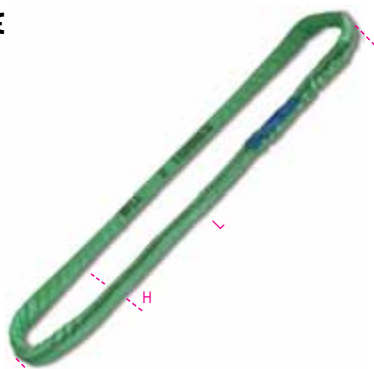
L m	WLL ton	H mm		
0,5	1	45	1	081700010
1	1	45	1	081700020
1,5	1	45	1	081700030
2	1	45	1	081700040
3	1	45	1	081700060
4	1	45	1	081700080

Robur

8173

lifting round slings, green 2t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
0,5	50	2	1	081730010
1	50	2	1	081730020
1,5	50	2	1	081730030
2	50	2	1	081730040
2,5	50	2	1	081730050
3	50	2	1	081730060
4	50	2	1	081730080
5	50	2	1	081730100
6	50	2	1	081730120

8176

lifting round slings, yellow 3t
high-tenacity polyester (PES) belt

CE



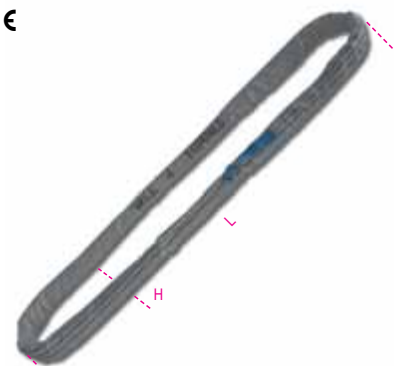
UNI EN 1492-2

L m	H mm	WLL ton		
1	60	3	1	081760020
1,5	60	3	1	081760030
2	60	3	1	081760040
2,5	60	3	1	081760050
3	60	3	1	081760060
4	60	3	1	081760080
5	60	3	1	081760100
6	60	3	1	081760120

8177

lifting round slings, grey 4t
high-tenacity polyester (PES) belt

CE



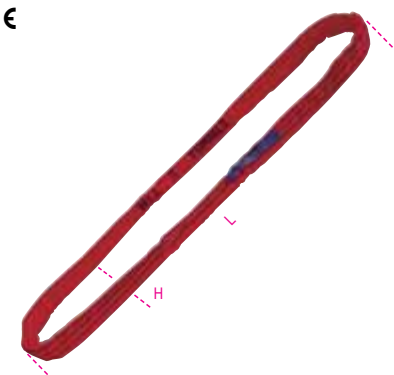
UNI EN 1492-2

L m	H mm	WLL ton		
1	65	4	1	081770020
1,5	65	4	1	081770030
2	65	4	1	081770040
2,5	65	4	1	081770050
3	65	4	1	081770060
4	65	4	1	081770080
5	65	4	1	081770100
6	65	4	1	081770120
8	65	4	1	081770160

8178

lifting round slings, red 5t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
1	70	5	1	081780020
1,5	70	5	1	081780030
2	70	5	1	081780040
2,5	70	5	1	081780050
3	70	5	1	081780060
4	70	5	1	081780080
5	70	5	1	081780100
6	70	5	1	081780120
8	70	5	1	081780160

Robur

Robur

Robur

8179M

lifting round slings, brown 6t
high-tenacity polyester (PES) belt

CE



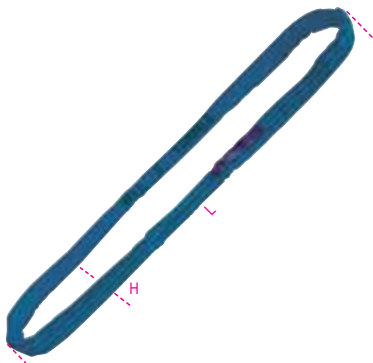
UNI EN 1492-2

L m	H mm	WLL ton	
3	80	6	1 081790060
4	80	6	1 081790080
6	80	6	1 081790120
8	80	6	1 081790160

8179B

lifting round slings, blue, 8 t,
high-tenacity polyester (PES) belt

CE



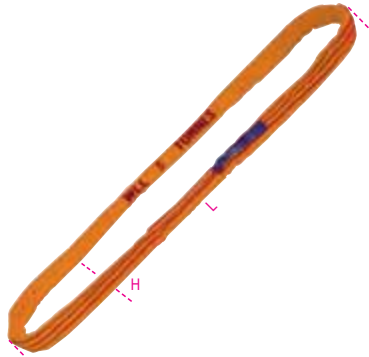
UNI EN 1492-2

L m	H mm	WLL ton	
1	85	8	1 081790220
3	85	8	1 081790260
4	85	8	1 081790280
6	85	8	1 081790320
8	85	8	1 081790360

8179A

lifting round slings, orange, 10 t,
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton	
3	95	10	1 081790506
4	95	10	1 081790508
6	95	10	1 081790512
8	95	10	1 081790516
10	95	10	1 081790520

8166

anti-abrasion sheaths for slings,
high-tenacity polyester (PES),
with elastomer underlayer



H mm	ø mm	L m	
70	45	3	1 081660073
80	52	3	1 081660083
110	70	3	1 081660103
155	100	3	1 081660153
170	110	3	1 081660170
235	150	4	1 081660235

H mm			
70	8150	8170-8173	081660073
80	8153	8176	081660083
110	8153-8156	8177-8178	081660103
155	8157	8178-8179A 8179B-8179M	081660153
170	8158	-	081660170
235	8159	-	081660235

Robur INOX

STAINLESS STEEL

523

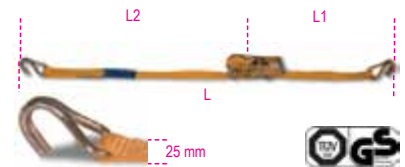
RATCHET TIE DOWNS

TECHNICAL DATA

- safety factor: 2
 - traceability code
- ### LABORATORY TESTS
- ratchet pretensioning test
 - metal parts deformation test
 - complete system tensile test
- ### AVAILABLE CERTIFICATES
- Technical product specifications
 - Test report UNI EN10204 type 2.2

8180

ratchet tie down with single hook, LC 750kg
high-tenacity polyester (PES) belt



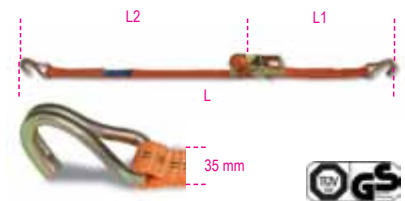
EN 12195-2

L m	L2 mm	L1 mm	
4	3750	250	1 081800004
6	5750	250	1 081800006
8	7750	250	1 081800008

LC = 750 kg

8181

ratchet tie down with single hook, LC 1000kg
high-tenacity polyester (PES) belt



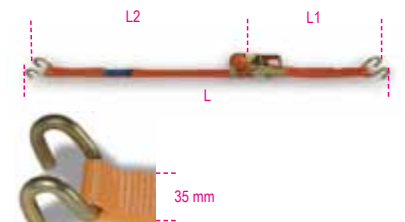
EN 12195-2

L m	L2 mm	L1 mm	
4	3600	400	1 081810004
6	5600	400	1 081810006
8	7600	400	1 081810008

LC = 1000 kg

8181S

ratchet tie down with double hook, LC 1000kg,
high-tenacity polyester (PES) belt



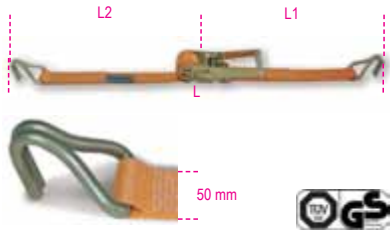
EN 12195-2

L m	L2 mm	L1 mm	
6	5600	400	1 081810206

LC = 1000 kg

8182T

ratchet tie down with double hook, LC 1500kg, high-tenacity polyester (PES) belt



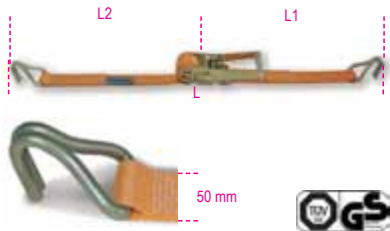
EN 12195-2

L m	L1 mm	L2 mm		
8,5	400	8100	1	081821085
10,5	400	10100	1	081821105

LC = 1500 kg

8182

ratchet tie down with single hook, LC 2000kg high-tenacity polyester (PES) belt



EN 12195-2

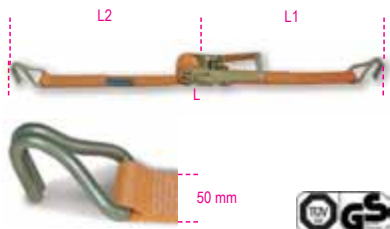
L m	L2 mm	L1 mm		
6,5	6100	400	1	081820065
8,5	8100	400	1	081820085
10,5	10100	400	1	081820105
14,5	14100	400	1	081820145

LC = 2000 kg

	L2 mm		
8182LP long part	8100	1	081820902
8182SP short part		1	081820905

8182H

ratchet tie down with single hook, LC 2500kg, high-tenacity polyester (PES) belt



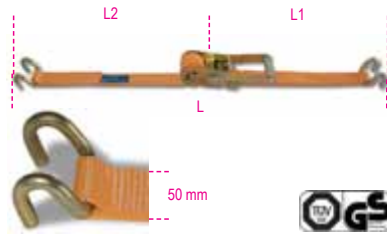
EN 12195-2

L m	L1 mm	L2 mm		
6,5	400	6100	1	081820406
8,5	400	8100	1	081820408
10,5	400	10100	1	081820410
14,5	400	14100	1	081820414

LC = 2500 kg

8182TS

ratchet tie down with single hook, LC 1500kg, high-tenacity polyester (PES) belt



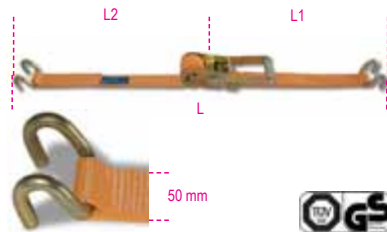
EN 12195-2

L m	L1 mm	L2 mm		
8,5	400	8100	1	081821285
10,5	400	10100	1	081821305

LC = 1500 kg

8182S

ratchet tie down with double hook, LC 2000kg high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm		
8,5	8100	400	1	081820285
10,5	10100	400	1	081820305

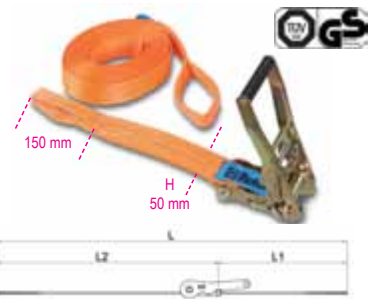
LC = 2000 kg

	L2 mm		
8182SLP long part	8100	1	081820912
8182SSP short part		1	081820915

Robur

8182A

ratchet tie downs with 2 eyes, high-tenacity polyester (PES) belt, LC 2000 kg



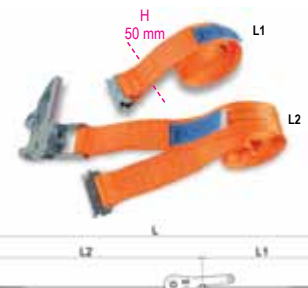
EN 12195-2

L m	L2 mm	L1 mm		
8,5	8100	400	1	081820585

LC = 2000 kg

8182E

ratchet tie downs for van and truck interiors, LC 1000 kg, high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	H mm		
4	3500	500	50	1	081820440

LC = 1000 kg

	L2 mm		
8182EL	2500	1	081820942
8182EC		1	081820945

Robur

8185

ring ratchet tie down, LC 1500kg
high-tenacity polyester (PES) belt



EN 12195-2

L m	1	2
5	1	081850005
8	1	081850008

8186

ring ratchet tie down, LC 2000kg
high-tenacity polyester (PES) belt



EN 12195-2

L m	1	2
5	1	081860005
8	1	081860008

8187

ring ratchet tie down, LC 4000kg
high-tenacity polyester (PES) belt



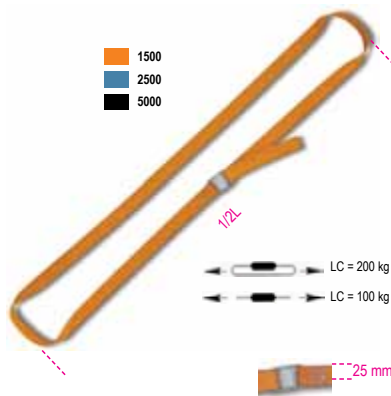
EN 12195-2

L m	1	2
5	1	081870005
8	1	081870008

8188F

cam buckle straps, LC 200 kg,
high-grade polypropylene (PP) belt

- 1500
- 2500
- 5000



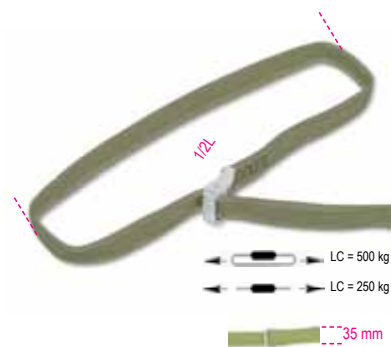
EN 12195-2

L m	10	20
1,5	10	081880215
2,0	10	081880220
2,5	10	081880225
3,0	10	081880230
5,0	6	081880250



8188VF/35

cam buckle straps, LC 500 kg,
high-tenacity polypropylene (PP) belt



EN 12195-2

L m	3
4	3 081881290



8188C

ring ratchet tie downs, LC 750 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L m	3
5	3 081880350



8188CG/25

ratchet tie downs with S-hooks and Eyes,
LC 375 kg
high-tenacity polyester (PES) strap



EN 12195-2

L m	L1 mm	L2 mm	1
3	480	170	1 081880430
5	480	170	1 081880450

8188VFG2

cam buckle strap with S-hooks and Eyes,
LC 250 kg
high-grade polypropylene (PP) belt

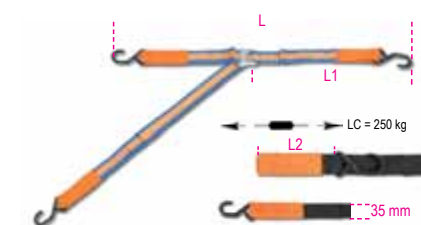


EN 12195-2

L	L1	L2		
m	mm	mm		
3	450	110	1	081881530

8188FG3

cam buckle straps with 3 S-hooks and Eyes,
LC 250 kg
high-grade polypropylene (PP) belt



L max	L min	L1	L2		
m	m	mm	mm		
3,5	0,85	450	110	1	081880630

8189

polyester belt (PES)
for ratchet tie downs



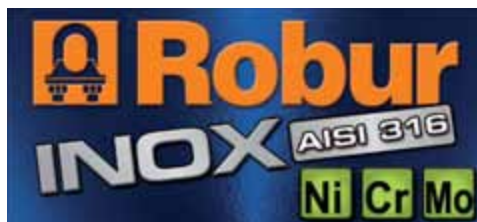
H	L	LC		
mm	m	kg		
25	100	750	1	081890902
35	100	1000	1	081890903
50	100	2000	1	081890905

8189PA

2 angular guards
for polyester belts



L1xL2	H1	H2		
mm	mm	mm		
100x60	60	12	1	081890060
135x90	60	18	1	081890090



Breaking force (BF)
on technical specifications
WWW.ROBURITALY.COM

8201T

pipe bodies
AISI 316



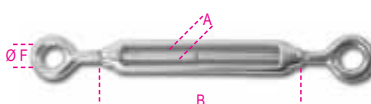
LABORATORY TESTS

- chemical analysis
 - tensile test
- AVAILABLE CERTIFICATES
- Technical Product Specifications
 - Test Report UNI EN10204 type 2.2

Ø	Ø	WFL	L		
mm	"	kg	mm		
M6	1/4	160	95	5	082010406
M8	5/16	300	105	5	082010408
M10	3/8	470	125	3	082010410
M12	1/2	690	150	3	082010412
M14	9/16	940	165	1	082010414
M16	5/8	1290	190	1	082010416
M20	3/4	2130	210	1	082010420

8205

eye and eye turnbuckle
AISI 316



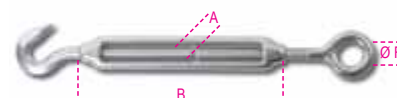
LABORATORY TESTS

- chemical analysis
 - tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
 - Test report UNI EN10204 type 2.2

A	B	Ø F	WFL		
mm	mm	mm	kg		
M4	62	8	75	10	082050204
M5	72	11	115	10	082050205
M6	92	12	160	5	082050206
M8	122	14	300	5	082050208
M10	150	16	470	1	082050210
M12	201	18	690	1	082050212
M14	225	22	940	1	082050214
M16	244	26	1290	1	082050216
M20	295	29	2130	1	082050220
M24	350	33	3000	1	082050224

8206

hook and eye turnbuckle
AISI 316



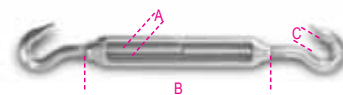
LABORATORY TESTS

- chemical analysis
 - tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
 - Test report UNI EN10204 type 2.2

A	B	Ø F	WFL		
mm	mm	mm	kg		
M5	72	11	25	10	082060205
M6	92	12	45	5	082060206
M8	122	14	95	5	082060208
M10	150	16	140	1	082060210
M12	201	18	300	1	082060212
M14	225	22	420	1	082060214
M16	244	26	570	1	082060216
M20	295	29	875	1	082060220

8207

hook and hook turnbuckle
AISI 316



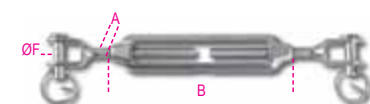
LABORATORY TESTS

- chemical analysis
 - tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
 - Test report UNI EN10204 type 2.2

A	B	C	WFL		
mm	mm	mm	kg		
M5	72	9	25	10	082070205
M6	92	9	45	5	082070206
M8	122	10	95	5	082070208
M10	150	12	140	1	082070210
M12	201	14	300	1	082070212
M14	225	15	420	1	082070214
M16	244	16	570	1	082070216
M20	295	19	875	1	082070220

8209

jaw and jaw turnbuckle
AISI 316



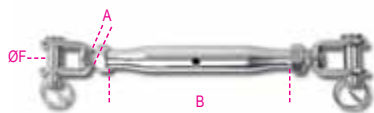
LABORATORY TESTS

- chemical analysis
 - tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
 - Test report UNI EN10204 type 2.2

A	B	Ø F	WFL		
mm	mm	mm	kg		
M5	72	5	115	5	082090205
M6	92	6	160	5	082090206
M8	122	8	300	5	082090208
M10	150	10	470	1	082090210
M12	201	12	690	1	082090212
M14	225	14	940	1	082090214
M16	244	16	1290	1	082090216
M20	295	20	2130	1	082090220
M24	350	24	3060	1	082090224

8210

jaw and jaw pipe turnbuckle
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

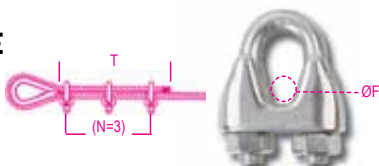
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg		
M5	81	5	115	3	082100205
M6	92	6	160	3	082100206
M8	112	8	300	1	082100208
M10	121	10	470	1	082100210
M12	150	12	690	1	082100212
M14	169	14	940	1	082100214
M16	190	16	1290	1	082100216
M20	220	20	2130	1	082100220

8216

wire rope clips
AISI 316

CE



LABORATORY TESTS

- chemical analysis
- torque test

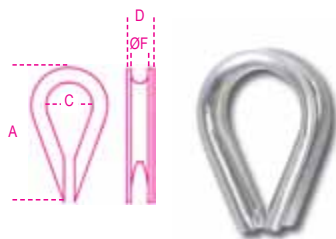
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

ØF mm	"	T	N		
2	5/64	80	3	15	082160202
3	1/8	80	3	15	082160203
4	5/32	80	3	10	082160204
5	3/16	110	3	10	082160205
6	1/4	120	5	10	082160206
8	5/16	210	5	5	082160208
10	3/8	240	5	5	082160210
12-13	1/2	300	5	5	082160213
16	5/8	335	5	5	082160216
20	3/4	540	5	5	082160220
22	7/8	595	7	3	082160222

8220

thimbles
AISI 316



LABORATORY TESTS

- chemical analysis

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØF mm	D mm	A mm	C mm		
2	4,5	21	7,5	15	082200202
3	6	24	10	15	082200203
4	6,6	28	11	10	082200204
5	8,5	30	13	10	082200205
6	10	37	15	10	082200206
8	12,5	51	23	5	082200208
10	14,6	56	27	5	082200210
12	18	68	32	5	082200212
14	19	69	34	5	082200214
16	22	83	37	5	082200216
18	23	81	38	1	082200218
20	27,8	105	45	1	082200220
22	29,6	112	45	1	082200222

8225

dee shackles
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØD mm	"	A mm	WFL kg		
4	5/32	8	50	10	082250204
5	3/16	11	70	10	082250205
6	1/4	13	100	5	082250206
8	5/16	17	250	5	082250208
10	3/8	21	400	3	082250210
12	1/2	25	600	3	082250212
16	5/8	32	1000	1	082250216
19	3/4	38	1600	1	082250219
22	7/8	43	2000	1	082250222
25	1	46	2800	1	082250225

8227

long dee shackles
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

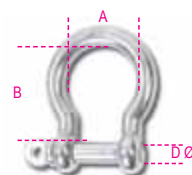
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØD mm	"	A mm	WFL kg		
4	5/32	8	50	10	082270204
5	3/16	10	70	10	082270205
6	1/4	13,5	100	5	082270206
8	5/16	17	250	5	082270208
10	3/8	21	400	1	082270210
12	1/2	25	600	1	082270212

8228

bow shackles
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØD mm	A mm	B mm	WFL kg		
4	13	20	60	10	082280204
5	17	23	80	10	082280205
6	20	27	100	10	082280206
8	28	36	200	5	082280208
10	36	44	300	5	082280210
12	41	53	500	5	082280212
16	54	74	800	1	082280216
19	66	86	1100	1	082280219

8240

eye bolts,
stainless steel AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØC mm	WFL kg		
M6	41	15	75	10	082400206
M8	50	20	140	10	082400208
M10	62	25	230	5	082400210
M12	74	30	340	5	082400212

8242

eye nuts
stainless steel AISI 316



A	B	øC	WFL		
mm	mm	mm	kg		
M6	27	15	75	10	082420206
M8	36	20	140	10	082420208
M10	45	25	230	5	082420210
M12	55	30	340	5	082420212

8240F

lifting eye bolts, FORGED
stainless steel A4

CE



TECHNICAL DATA

• safety factor: 6

• traceability code

LABORATORY TESTS

• chemical analysis

• metallographic analysis

• tensile test

AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204

type 2.2

• Inspection certificate UNI EN10204

type 3.1

• CE Declaration of Conformity

ø	WLL		
mm	kg		
* M8	1,25	200	4 082400408
* M10	1,5	400	4 082400410
* M12	1,75	600	4 082400412
* M14	2	1000	2 082400414
* M16	2	1200	2 082400416
* M20	2,5	2000	2 082400420
* M24	3	2700	2 082400424
* M30	3,5	4000	1 082400430

(* WLL increased compared to DIN standard according to Technical Specifications R/FT/8240F (guaranteed for stainless steel / stainless steel fits)

8242F

lifting eye nuts, FORGED
stainless steel A4

CE



TECHNICAL DATA

• safety factor: 6

• traceability code

LABORATORY TESTS

• chemical analysis

• metallographic analysis

• tensile test

AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204

type 2.2

• Inspection certificate UNI EN10204

type 3.1

• CE Declaration of conformity

ø	WLL		
mm	kg		
* M8	1,25	200	4 082420408
* M10	1,5	400	4 082420410
* M12	1,75	600	4 082420412
* M14	2	1000	2 082420414
* M16	2	1200	2 082420416
* M20	2,5	2000	2 082420420
* M24	3	2700	2 082420424
* M30	3,5	4000	1 082420430

(* WLL ø M10÷M24

- increased according to Technical File R/FT/8242F

- guaranteed with stainless steel coupling

8248

eye tie rods,
stainless steel 316L,
right thread



UNI 6058

AVAILABLE CERTIFICATES

• Technical Product Specifications

• Test Report UNI EN10204 type 2.2

ØxL	F		
mm	mm		
10x80	8		1 082480010
10x130	8		1 082480012
12x95	10		1 082480016
12x125	10		1 082480018

8249

fastening eyebolts, right thread
AISI 316



LABORATORY TESTS

• chemical analysis

• tensile test

AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

A	øB	D	WFL		
mm	mm	mm	kg		
M5	11	50	100	10	082490205
M6	13	55	160	10	082490206
M8	17	60	300	5	082490208
M10	21	80	470	5	082490210
M12	25	120	690	1	082490212

8249G

fastening hooks
AISI 316



LABORATORY TESTS

• chemical analysis

• tensile test

AVAILABLE CERTIFICATES

• Technical Product Specifications

• Test Report UNI EN10204 type 2.2

A	E	øF	WFL		
mm	mm	mm	kg		
M5	39	9	25	5	082490305
M6	43	10,5	45	5	082490306
M8	57	14,5	95	3	082490308

8250

spring snap-casting eye end
AISI 316



LABORATORY TESTS

• chemical analysis

• tensile test

AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

L	A	øB	WFL		
mm	mm	mm	kg		
50	25	8	40	5	082500205
70	31	12,5	90	5	082500207
100	47	20	190	1	082500210

Robur

8264

swivel eye bolt snap
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

B mm	L mm	C mm	WFL kg		
12	88	12	60	5	082640212
16	90	12	60	5	082640216
19	93	12	60	1	082640219

8267

swivel eye snap
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

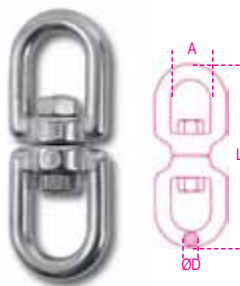
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	L mm	B mm	WFL kg		
10	87	21	30	5	082670210
12	118	22	70	1	082670213

8272

eye and eye swivels
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D mm	A mm	L mm	WFL kg		
4	11	50	90	5	082720204
5	13	60	115	5	082720205
6	15	66	140	5	082720206
8	19	90	250	3	082720208
10	23	112	300	1	082720210
13	33	148	650	1	082720213
16	38	184	1000	1	082720216
19	40	223	1600	1	082720219

8273

quick-release hooks
with swivel eyes
AISI 316 stainless steel



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø C x L mm	B mm	WFL kg	BF kg		
12x70	12	230	1100	1	082730012
16x85	14,50	440	2000	1	082730016
22x120	20	700	3500	1	082730022

8274

carabine hooks
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

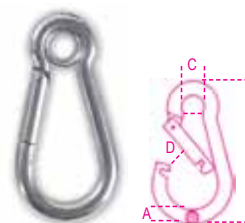
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A x L mm	Ø C mm	D mm	WFL kg		
4,5x40	6,5	6	20	10	082740204
5x50	7	6,5	30	10	082740205
6x60	8,5	7,5	40	5	082740206
7x70	10	9	60	5	082740207
8x80	12	10	75	5	082740208
9x90	12,5	10,5	100	5	082740209
10x100	15	13	120	1	082740210
11x120	19	18	140	1	082740211
12x140	22	21	140	1	082740212
13x160	22	26	200	1	082740213

8274A

ring carabine hooks
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

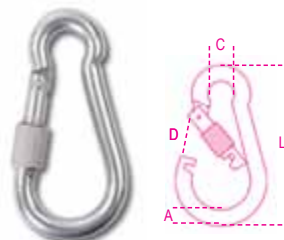
Ø A x L mm	Ø C mm	D mm	WFL kg		
5x50	6,5	7	30	10	082740405
6x60	7,5	7,5	40	5	082740406
8x80	9,5	10	75	5	082740408

 **Robur**

 **Robur**

8274G

carabine hooks with screw nut
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

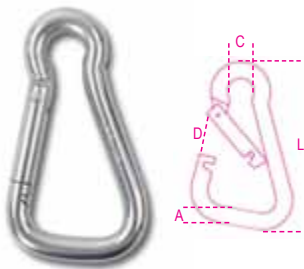
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	6,5	40	5	082740306
8x80	12	8,5	75	5	082740308
10x100	15	12	120	3	082740310

8276

asymmetric carabine hooks
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

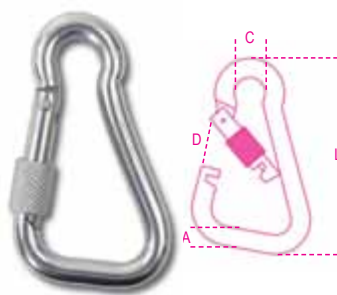
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	10	40	5	082760206
8x80	12	14	75	5	082760208
10x100	15	18	120	3	082760210

8276G

asymmetric carabine hooks with screw nut
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

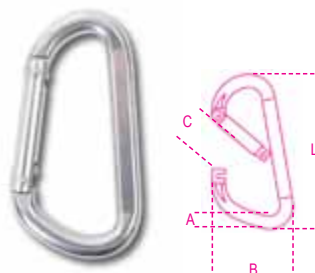
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	9	40	3	082760306
8x80	12	12,5	75	3	082760308
10x100	15	16	120	3	082760310

8278

trapezoidal carabine hooks
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

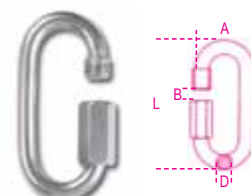
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L	B	C	WFL		
mm	mm	mm	kg		
8x80	45	14	75	3	082780208
10x100	55	16	120	3	082780210

8280

quick links
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

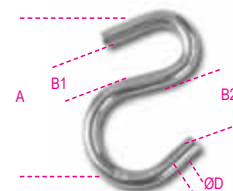
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D x L	A	B	WFL		
mm	mm	mm	kg		
3,5x35	17	5	20	10	082800203
4x40	19	6	30	10	082800204
5x50	23	7	50	5	082800205
6x60	26	8	60	5	082800206
7x70	30	9	100	5	082800207
8x80	33	10	140	1	082800208
10x90	40	12	220	1	082800210
12x100	47	14	300	1	082800212

8282

S-hooks
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

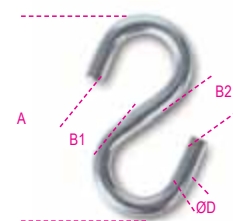
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D	B1	B2	WFL		
mm	mm	mm	kg		
3	7,5	14	4	10	082820203
4	10,5	14,5	5	10	082820204
5	12,5	16	12	10	082820205
6	12,5	18	18	5	082820206
8	14	23	33	5	082820208

8282S

S-hooks, symmetric
AISI 316 stainless steel



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204

ø D	B1	B2	WFL		
mm	mm	mm	kg		
3	7,4	25	4	40	082820303
4	8,0	33	5	30	082820304
5	9,0	35	12	20	082820305
6	10,5	44	18	15	082820306

8284

pelican hooks
AISI 316 stainless steel



LABORATORY TESTS

- chemical analysis
- tensile test

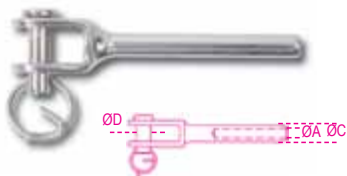
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø C	B	L	WFL		
mm	mm	mm	kg		
6	11	73	200	3	082840006
8	14	98	300	3	082840008
10	23	143	450	1	082840010

8285

jaw terminals
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A	Ø C	Ø D	WFL		
mm	mm	mm	kg		
3	6,3	6	180	5	082850203
4	7,5	6	200	3	082850204
5	9	10	330	1	082850205
6	12,5	12	720	1	082850206
8	16	13	1120	1	082850208

8286

eye terminals
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D	Ø A	Ø C	WFL		
mm	mm	mm	kg		
3	6,5	6,3	180	5	082860203
4	8,5	7,5	200	3	082860204
5	10,6	9	330	1	082860205
6	13	12,5	720	1	082860206
8	14,7	16	1120	1	082860208

8287

swage studs
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D	Ø A	E	WFL		
mm	mm	mm	kg		
3	6,3	M6	180	5	082870203
4	7,5	M8	200	3	082870204
5	9	M10	330	1	082870205
6	12,5	M12	720	1	082870206
8	16	M16	1120	1	082870208

8290

pad eyes
AISI 316



LABORATORY TESTS

- chemical analysis

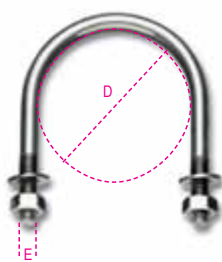
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A	B	Ø C	L		
mm	mm	mm	mm		
5	18	4,3	40	5	082900205
6	22	5,2	44	5	082900206
8	23	5,2	51	5	082900208

8381SX

U bolts for pipes



AISI 304

LABORATORY TESTS

- chemical analysis

AVAILABLE CERTIFICATES

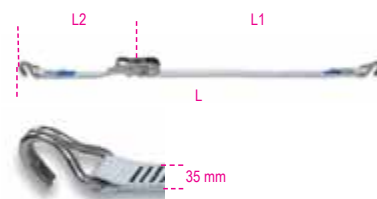
- Test report UNIEN10204 type 2.2

D	D	E		
mm	gas	mm		
11	1/8"	M6	20	083810401
14	1/4"	M6	20	083810402
18	3/8"	M6	20	083810403
22	1/2"	M6	20	083810404
27	3/4"	M6	20	083810405
34	1"	M6	20	083810406
43	1"1/4	M6	20	083810407
49	1"1/2	M8	10	083810408
61	2"	M8	10	083810409
77	2"1/2	M8	10	083810410
89	3"	M8	10	083810412
115	4"	M8	10	083810413
168	6"	M10	1	083810416
220	8"	M10	1	083810418

8293

ratchet tie downs AISI 304
high-tenacity polyester belt, LC 300 kg,
with hooks

hangable



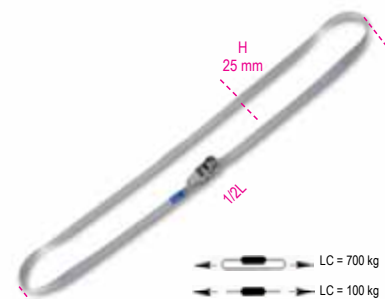
L	L2	L1		
m	mm	mm		
6	5700	300	1	082930106

LC = 300 kg

8297C

ratchet tie downs,
with mini-ratchets, AISI 304
high-tenacity polyester belt, LC 700 kg

hangable

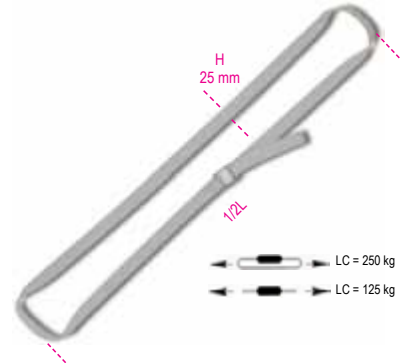


L	H		
m	mm		
5	25	1	082970350

8297F

2 cam buckle straps,
AISI 304,
high-tenacity polyester belt, LC 250 kg

hangable



L	H		
m	mm		
3	25	1	082970230

LC = 250 kg

Special packaging for
your free-service sales
+ CE declaration of
conformity
+ instruction for use



8001Z-K

CE



Ø mm	1	2	3
M5	2	1	080019305
M6	2	1	080019306
M8	1	1	080019108
M10	1	1	080019110
M11	1	1	080019111
M12	1	1	080019112
M14	1	1	080019114
M16	1	1	080019116
M18	1	1	080019118
M20	1	1	080019120
M22	1	1	080019122
M24	1	1	080019124

8001TZ-K

CE



Ø mm	1	2	3
M12	1	1	080019512
M16	1	1	080019516
M20	1	1	080019520
M24	1	1	080019524

8005Z-K

CE



Ø mm	1	2	3
M5	2	1	080059305
M6	2	1	080059306
M8	1	1	080059108
M10	1	1	080059110
M11	1	1	080059111
M12	1	1	080059112
M14	1	1	080059114
M16	1	1	080059116

8005TZ-K

CE



Ø mm	1	2	3
M12	1	1	080059512

8006Z-K

CE



Ø mm	1	2	3
M5	2	1	080069305
M6	2	1	080069306
M8	1	1	080069108
M10	1	1	080069110
M11	1	1	080069111
M12	1	1	080069112
M14	1	1	080069114

8007Z-K

CE



Ø mm	1	2	3
M5	2	1	080079305
M6	2	1	080079306
M8	1	1	080079108
M10	1	1	080079110
M11	1	1	080079111
M12	1	1	080079112

8008N-K

CE



Ø mm	1	2	3
M5	2	1	080089305
M6	2	1	080089306
M8	1	1	080089208
M10	1	1	080089210
M12	1	1	080089212
M14	1	1	080089214

8009Z-K

CE



Ø mm	1	2	3
M8	1	1	080099008
M10	1	1	080099010
M12	1	1	080099012

8009TZ-K

CE



Ø mm	1	2	3
M12	1	1	080099512

8010Z-K

CE



Ø mm	1	2	3
M8	1	1	080109008
M10	1	1	080109010
M12	1	1	080109012
M14	1	1	080109014

8105-K

CE



ØxE	1	2	3
3/8x6	1	1	081059010
1/2x9	1	1	081059012

 **Robur**

8109-K

CE



ØxE "			
3/8x6	1	1	081099010
1/2x9	1	1	081099012

8016-K

CE



Ø mm			
3	6	1	080169403
5	4	1	080169405
6	4	1	080169406
8	4	1	080169408
10	2	1	080169410
11	1	1	080169011
12-13	1	1	080169013
14	1	1	080169014
16	1	1	080169016
18	1	1	080169018
20	1	1	080169020
22	1	1	080169022
24-26	1	1	080169026

8016FR-K

CE



Ø mm			
3	6	1	080169753
5	6	1	080169755
6	4	1	080169756
8	4	1	080169758
10	2	1	080169760
13	2	1	080169763

8016U-K

CE



Ø mm			
5	4	1	080169805
6	4	1	080169806
8	4	1	080169808
10	2	1	080169810
12	1	1	080169612
14	1	1	080169614
16	1	1	080169616
19	1	1	080169619
22	1	1	080169622
26	1	1	080169626

8025-K

CE



Ø mm			
5	4	1	080259205
6	4	1	080259206
8	2	1	080259208
10	2	1	080259210
11	1	1	080259011
12	1	1	080259012
14	1	1	080259014
16	1	1	080259016
18	1	1	080259018
20	1	1	080259020
22	1	1	080259022
25	1	1	080259025

8026A-K

CE



Ø mm			
12	1	1	080269012
14	1	1	080269014
16	1	1	080269016
18	1	1	080269018
20	1	1	080269020
22	1	1	080269022
25	1	1	080269025

8026R-K

CE



ØA mm			
13	1	1	080269212
16	1	1	080269216

8028-K

CE



Ø mm			
5	4	1	080289305
6	4	1	080289306
8	2	1	080289308
10	2	1	080289310
12	1	1	080289112
14	1	1	080289114
16	1	1	080289116
18	1	1	080289118
20	1	1	080289120
22	1	1	080289122

8029R-K

CE



ØA mm			
6	1	1	080299106
8	1	1	080299108
10	1	1	080299110
11	1	1	080299111
13	1	1	080299112
16	1	1	080299116

8031R-K

CE



ØA mm			
13	1	1	080319112
16	1	1	080319116

8032-K

CE



ØA mm			
13	1	1	080329012
16	1	1	080329016

8040EN-K

CE



Ø mm			
M6	4	1	080409506
M8	4	1	080409508
M10	2	1	080409510
M12	1	1	080409312
* M14	1	1	080409314
M16	1	1	080409316
* M18	1	1	080409318
M20	1	1	080409320
* M22	1	1	080409322
M24	1	1	080409324
* M27	1	1	080409327
M30	1	1	080409330

8040EZ-K

CE



Ø mm	W	U	U	U
M6	4	1	1	080409606
M8	4	1	1	080409608
M10	2	1	1	080409610
M12	1	1	1	080409412
* M14	1	1	1	080409414
M16	1	1	1	080409416
* M18	1	1	1	080409418
M20	1	1	1	080409420
* M22	1	1	1	080409422
M24	1	1	1	080409424
* M27	1	1	1	080409427
M30	1	1	1	080409430

8041-K

CE



Ø mm	W	U	U	U
* M8	1	1	1	080419208
* M10	1	1	1	080419210
* M12	1	1	1	080419212

8042EN-K

CE



Ø mm	W	U	U	U
M6	4	1	1	080429506
M8	4	1	1	080429508
M10	2	1	1	080429510
M12	1	1	1	080429312
* M14	1	1	1	080429314
M16	1	1	1	080429316
* M18	1	1	1	080429318
M20	1	1	1	080429320
* M22	1	1	1	080429322
M24	1	1	1	080429324
* M27	1	1	1	080429327
M30	1	1	1	080429330

Robur

8042EZ-K

CE



Ø mm	W	U	U	U
M6	4	1	1	080429606
M8	4	1	1	080429608
M10	2	1	1	080429610
M12	1	1	1	080429412
* M14	1	1	1	080429414
M16	1	1	1	080429416
* M18	1	1	1	080429418
M20	1	1	1	080429420
* M22	1	1	1	080429422
M24	1	1	1	080429424
* M27	1	1	1	080429427
M30	1	1	1	080429430

8043-K

CE



Ø mm	W	U	U	U
* M8	1	1	1	080439208
* M10	1	1	1	080439210
* M12	1	1	1	080439212

8051S-K

CE



WLL kg	W	U	U	U
250	1	1	1	080519202
500	1	1	1	080519205

8216-K

CE

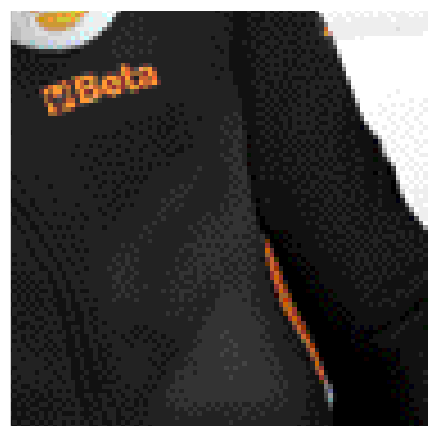
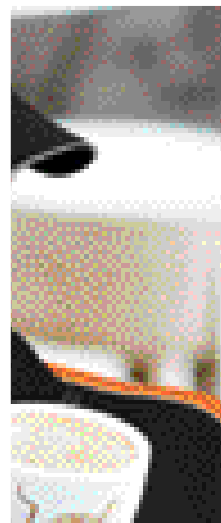
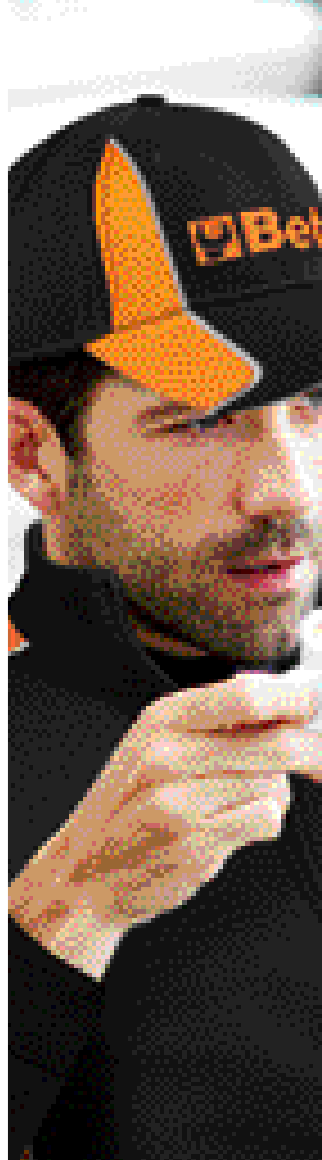


ø F mm	W	U	U	U
2	4	1	1	082169402
3	4	1	1	082169403
4	4	1	1	082169404
5	2	1	1	082169405
6	2	1	1	082169406
8	2	1	1	082169408
10	2	1	1	082169410

Robur

Robur

Beta Collection



A range of exclusive products designed and developed to epitomize Beta's character, it comprises over 200 original, first-rate items: sports equipment, technical clothing and a variety of tailored objects. An ideal medium for promotional actions, a must for recreational moments.



9500TL

softshell jacket, made of 100% polyester, 320 g/m², three-layered, microfibre outer shell, waterproof, breathable intermediate membrane, fleece interior



S	1	095000051
M	1	095000052
L	1	095000053
XL	1	095000054
XXL	1	095000055

9503TL

t-shirt, 100% jersey cotton, 160 g/m²



S	1	095030051
M	1	095030052
L	1	095030053
XL	1	095030054
XXL	1	095030055

9505

sleeveless windproof/rainproof softshell jacket, black exterior / orange interior, orange and grey fabric insert on one shoulder, thermo-taped zips, reflective heart-side logo and back print



S	1	095050001
M	1	095050002
L	1	095050003
XL	1	095050004
XXL	1	095050005

9501TL

sweatshirt, made of cotton (80%), and polyester (20%), 320 g/m²



S	1	095010051
M	1	095010052
L	1	095010053
XL	1	095010054
XXL	1	095010055

9572MB

Beta-March F1 vintage T-shirt, 100% cotton



S	1	095720701
M	1	095720702
L	1	095720703
XL	1	095720704
XXL	1	095720705

9507U

men's sweatshirt, made of CVC fleece fabric, 60% cotton and 40% polyester, with hood and long zip



M	1	095070052
L	1	095070053
XL	1	095070054
XXL	1	095070055

9502TL

polo shirt, 100% pique cotton, 210 g/m²



S	1	095020051
M	1	095020052
L	1	095020053
XL	1	095020054
XXL	1	095020055

9504

windproof/rainproof softshell jacket, black exterior / orange interior, orange and grey fabric insert on one shoulder, thermo-taped zips, reflective heart-side logo and back print



S	1	095040001
M	1	095040002
L	1	095040003
XL	1	095040004

9507D

women's sweatshirt, made of CVC fleece fabric, 60% cotton and 40% polyester, with hood and long zip



S	1	095070061
M	1	095070062
L	1	095070063
XL	1	095070064

9508K

long zip jacket, ripstop nylon, waterproof, folds into pocket



S	1	095080011
M	1	095080012
L	1	095080013
XL	1	095080014

9510

short-sleeved shirt, 100% poplin cotton, 110 g/m², orange fabric inserts and white piping trim, contrasting orange button, reflective heart-side logo and back print



XS	1	095100000
S	1	095100001
M	1	095100002
L	1	095100003
XL	1	095100004
XXL	1	095100005

9533N

polyester shirt, breathable, 175 g/m², black



S	1	095330051
M	1	095330052
L	1	095330053
XL	1	095330054
XXL	1	095330055

9534W

three-button polo shirt, carded pique cotton 220 g/m², white



S	1	095340011
M	1	095340012
L	1	095340013
XL	1	095340014
XXL	1	095340015

9534B

three-button polo shirt, carded pique cotton 200 g/m², blue



S	1	095340051
M	1	095340052
L	1	095340053
XL	1	095340054
XXL	1	095340055

9537N

fleece pullover, black, 100% polyester



M	1	095370102
L	1	095370103
XL	1	095370104
XXL	1	095370105

9580S

sunglasses "Summer" style

CE



EN ISO 12312-1:2013+A1:2005
EN ISO 12311:2003
UV400
CAT. III

9580S	1	095800100
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9593CV

quartz chronograph, 42.5 mm steel case, 5 ATM water resistant, calendar, leather strap



9593CV	1	095930115
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9593A

chronograph, steel case, 5 ATM water resistant, silicone strap



9593A	1	095930050
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9593W

analogue watch, soft touch plastic case with metal ring, 3 ATM water resistant, silicone strap



9593W	1	095930150
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9544

hard, cabin-sized trolley



9544 1 095440100

9545

PC trolley



9545 1 095450100

9557J 2.0

bag made of coated polyester/Oxford 600D polyester fabric, dimensions 47x28x25 cm



9557J 2.0 1 095570020

9557J 3.0

bag made of coated polyester/Oxford 600D, dimensions 58x29x36 cm



9557J 3.0 1 095570030

9557N

"Racing" bag, made from waterproof PVC coated fabric



cm 80x35x35 1 095570001

9541F

rucksack made of coated polyester/Oxford 600D polyester fabric, dimensions 50x33x16 cm



9541F 1 095410011

9541BIKE

rucksack made of Oxford polyester, dimensions 41x24x16 cm



9541BIKE 1 095410021

95740

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather



M	1 095740202
L	1 095740203
XL	1 095740204
XXL	1 095740205

9574B

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather



M	1 095740102
L	1 095740103
XL	1 095740104
XXL	1 095740105



9525TL

Top Line cap



9525TL 1 095250010

9525BB

bike cap



9525BB 1 095250020

9525/N

cap, 100% cotton, one-size-fits-all adjustable buckle strap, directly embroidered front, sides and back, black



9525N 5 095251021

9525/B

cap, 100% cotton, one size-fits-all adjustable buckle strap, directly embroidered front, sides and back, white



9525B 5 095251031

9521

umbrella, nylon T210, 3-section aluminium frame, automatic open/close mechanism



9521 1 095210000

9521W

umbrella made of nylon 210T, diameter 100 cm



9521W 1 095210111

9599CB

Atala® city bike, 49 cm aluminium frame, Shimano® 6 speed gear, V-brake®, 28" aluminium rims



9599CB 1 095990011

9599CB-W

Atala® city bike, aluminium frame, Shimano® 6-speed gear, V-Brakes® 28" aluminium rims



9599CB-W 1 095990023

9598A

Atala® mountain bike, aluminium frame, suspension fork with mechanical lockout, Shimano® Acera 24 speed gear, hydraulic disc brakes, 29" aluminium rims



9598A M 1 095980100
9598A L 1 095980102

9598B

Whistle® mountain bike, monocoque carbon frame, Suntour fork with remote lockout, Shimano XT 20 speed gear, Deore derailleur and controls, Shimano hydraulic brakes, 27.5" aluminium rims



	H cm	
9598B S	160÷170	1 095980198
9598B M	170÷180	1 095980200
9598B L	180÷195	1 095980202

9515M

technical jersey, made from quick-dry, breathable fabric; side mesh inserts



S	1 095150051
M	1 095150052
L	1 095150053
XL	1 095150054
XXL	1 095150055
XXXL	1 095150056

9516B

shorts made from quick-dry, breathable Lycra, 180 g/m², with elastic waistband for improved fit



Size	Quantity	SKU
S	1	095160051
M	1	095160052
L	1	095160053
XL	1	095160054
XXL	1	095160055
XXXL	1	095160056

9539C/B

protective cycling helmet, outer cap made of polycarbonate, inner cap made of black, high-density EPS, adjustable size 54-62, circumference wheel adjustment



Size	Quantity	SKU
M	1	095390000
L	1	095390001

9542M

short-sleeved jersey, breathable microfibre fabric, long, covered zip, three rear pockets, including one with zip, silicone elastic at jersey end



Size	Quantity	SKU
S	1	095420051
M	1	095420052
L	1	095420053
XL	1	095420054
XXL	1	095420055
XXXL	1	095420056

Beta

9542C

Lyca bib shorts, silicone elastic at leg end, antibacterial seat padding



Size	Quantity	SKU
S	1	095420061
M	1	095420062
L	1	095420063
XL	1	095420064
XXL	1	095420065
XXXL	1	095420066

9542GW

winter jacket, made from highly breathable, winder breaker fabric and raised fabric; long zip, silicone-free elastic waistband; close-fitting Lycra cuffs; refractive rear inserts; 3 exterior rear pockets, including 1 with zip



Size	Quantity	SKU
S	1	095420101
M	1	095420102
L	1	095420103
XL	1	095420104
XXL	1	095420105
XXXL	1	095420106

9542G

winter jersey, breathable fabric, raised inside, long zip, three rear pockets, silicone elastic at jersey end



Size	Quantity	SKU
S	1	095420012
M	1	095420013
L	1	095420014
XL	1	095420015
XXL	1	095420016
XXXL	1	095420017

9542S

winter underpants, raised Lycra, antibacterial, high-breathability seat padding



Size	Quantity	SKU
S	1	095420022
M	1	095420023
L	1	095420024
XL	1	095420025
XXL	1	095420026
XXXL	1	095420027

Beta

9542A

sleeveless wind stopper jacket, breathable bound fabric, long zip



S	1	095420032
M	1	095420033
L	1	095420034
XL	1	095420035
XXL	1	095420036
XXXL	1	095420037

9542AL

waterproof windbreaker, long-sleeved, made of breathable fabric



S	1	095420042
M	1	095420043
L	1	095420044
XL	1	095420045
XXL	1	095420046
XXXL	1	095420047

9597P

column pump with gauge



9597P	1	095970100
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9524SC

miniature Beta garage for collectors



1:43	1	095240043
1:18	1	095240018

9547WSK

"Kinder Work Station", workbench with tools, for children from 3 years of age



9547WSK	1	095473801
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9547T

"Kinder trolley", tool trolley, for children from 3 years of age, complete with tools



9547T	1	095470100
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9548G

"Kinder Garage", 6-storey, with car wash, lift and ramps



9548G	1	095480100
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9561VV

sail flag banner, 4x0.75 m



9561VV	1	095610101
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9561V

sail flag, 4x0.75 m, with chrome-plated metal pole, grit concrete base, 50 cm



9561V	1	095610001
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9559

one-sided banner, TNT; modules: 3x0.8 m



9559	1	095591001
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9559/30MT

nonwoven fabric roll of 10 Beta logos



9559/30MT 1 095591031

9590B

flag, made of screen-printed nylon



9590B 1 095900000

9582LE

luminous sign, one-sided, for outdoor use



9582LE 1 095820010

9577M

overalls, T/C twill, polyester/cotton (65/35), 240 g/m²



S	1 095770051
M	1 095770052
L	1 095770053
XL	1 095770054
XXL	1 095770055
XXXL	1 095770056

9579C

work jacket, polyester/cotton



M	1 095791002
L	1 095791003
XL	1 095791004

9563G

office armchairs, for guests



9563G 1 095630050

9563P

office armchair, black



9563P 1 095630010

9549PB

portable battery, ultrathin, 5400 mA



9549PB 1 095490051

9549USB

USB key, 8 GB



9549USB 1 095490061

9547

desk calculator



9547 1 095470000

9594

clock complete with thermometer and hygrometer, 26 cm in diameter



Ø cm 26 1 095940051

9526P

capsule espresso coffee machine.
(capsules not included)
Compatible with Lavazza™ and Espresso Point™ capsules



9526P

1 095260010

9527 6T

set of 6 coffee cups



9527 6T

1 095270001

9527MUG

mug with cover and silicone sleeve



9527MUG

1 095270020

9586K

multipurpose steel knife,
10 functions



9586K

1 095860100

9592B/C50

set of 50 pens



9592B/C50

1 095920050

9592B/P

customised pens



9592B/P

500 095920051

9592M/50

set of 50 pencils



9592M/50

1 095920100

9588M

soft foam tray with 1 pen and 2 notebooks



9588M

1 095880011

9596

badge holder, polyester, with metal clip
and mobile phone string



9596

10 095961001

9595C

leather key ring



9595C

1 095950011

9595T

metal chrome-plated key ring, in velvet pouch



9595T

1 095950021

9595 C25

metal chrome-plated key ring with rubber hook



9595 C25

1 095950031

Beta

9569P

shopper, made of polyethylene,
folded sides



9569P 44x34 50 095691001

9569S

TNT shopper with folded sides, 38x42 cm



9569S 50 095690051

9587 9x14

notebook, 9x14 cm



9587 9X14 5 095870009

9587 13x21

notebook, 13x21 cm



9587 13X21 5 095870013

9588S/10...

set of 10 notepads



9588S/10A 21x29 cm	1 095881001
9588S/10B 15x21 cm	1 095881002
9588S/10C 10x15 cm	1 095881003
9588S/10D 7,5x10,5 cm	1 095880054

9588/10PI

set of 10 notepads with adhesive sheets



9588S/10PI 1 095880055

9589A/36

pack of 36 rolls of packaging adhesive tape,
with Beta logo, tawny



9589A/36 1 095890035

9589B/36

pack of 36 rolls of packaging adhesive tape,
with Beta logo, white

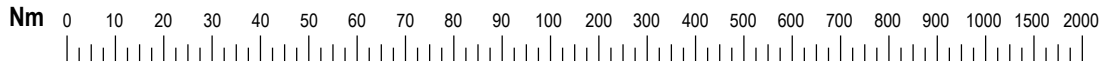


9589B/36 1 095890036

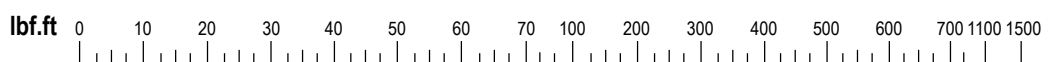
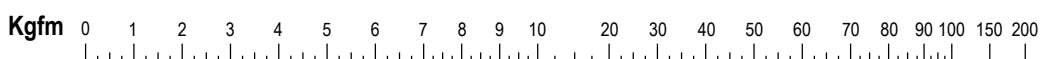


FIELDS OF USE FOR TORQUE WRENCHES

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

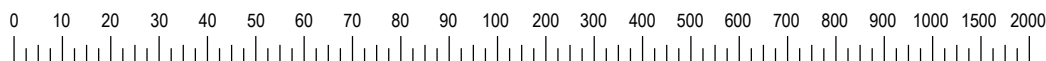


Size	Model	Image	Scale	Min (Nm)	Max (Nm)	Min (Kgfm)	Max (Kgfm)	Min (lbf.ft)	Max (lbf.ft)
1/4"	590		0,3	4					
	590/1		0,5	13,5					
	603/5		1	5					
	603/10		2	10					
	605E/5		1	5					
	605E/10		2	10					
3/8"	666N/2			5	25				
	592/3		1	27					
	592/4			3	40				
	599DGT/6			12	60				
	666N/2X			5	25				
	666N/5			10	50				
	666N/10			20	100				
	666N LBF.IN/5			90 LBF.IN	440 LBF.IN				
666N LBF.IN/10			200 LBF.IN	800 LBF.IN					
1/2"	594/8			6	80				
	594/21			20	215				
	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				
	666N/10X			20	100				
	666N/20			40	200				
	666N/30			60	300				
	666N LBF.IN/10X			200 LBF.IN	800 LBF.IN				
	666N LBF.IN/20			400 LBF.IN	1800 LBF.IN				
	666N LBF.IN/30			500 LBF.IN	3000 LBF.IN				
667N/20			40	200					
667N/30			60	300					
3/4"	596/40SL			80	400				
	596/80SL			160	800				
	667N/40			80	400				
	677/50 677C/50			100	500				
	677/70 677C/70			150	700				
	677/100 677C/100			300	1000				
	677C/150			700	1500				
	678C/65			130	650				
	678C/100			300	1000				
678C/150			500	1500					
1"	598/200SL			400	2000				
	677/CP200			900	2000				
ø8	604B/5		1	5					
	604B/10		2	10					

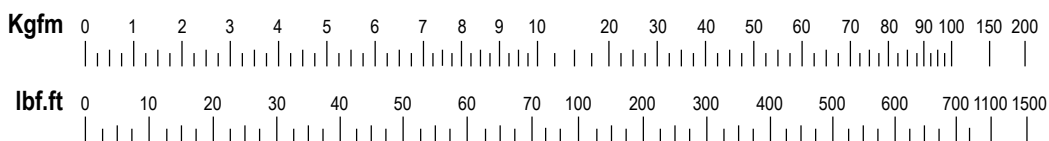


FIELDS OF USE FOR TORQUE WRENCHES

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



ø16	668N/2		5	25																
	668N/5		10	50																
	668N/10		20	100																
	668N/20		40	200																
	668N/30		60	300																
	668RG/6		8	60																
	668RG/10		20	100																
	668RG/20		40	200																
	668RG/30		60	300																
9x12	669N/2		5	25																
	669N/5		10	50																
	669N/10		20	100																
	669N/20		40	200																
14x18	669N/20X		40	200																
	669N/30		60	300																
	669N/40		80	400																



Torque calculation

The lever arm changes for accessories differing from standard in length, $L_A \neq L_S$.

To calculate the correct torque to set, use the formula:

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

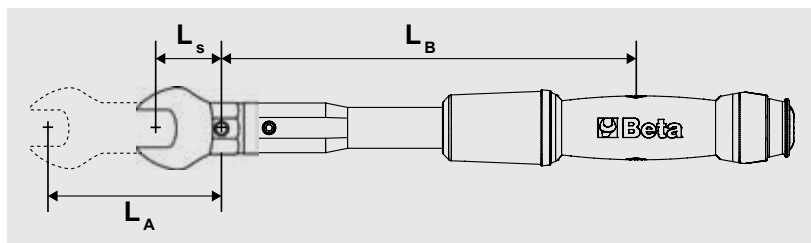
C = torque to set

M = required torque

L_A = accessory length
(see accessory specifications table)

L_B = bar length (see torque bar specifications table)

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



CERTIFIED QUALITY



In 2018 Beta roller cabs were awarded prestigious TÜV certification, after passing severe tests according to protocol EK5/TA5.

Protocol EK5/TA5 deals with 31 well-defined building characteristics, stringent static tests and dynamic behaviour tests. Other tests determine resistance to high and low temperatures, the service life of markings over time and corrosion resistance.

Credit for this achievement is due to the expert design, accurate manufacture and stringent tests Beta relies on for its roller cabs, which has allowed their quality to be acknowledged by end users.



ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

599DGT-A/10	005990510	599DGT-AN/10	005990610
599DGT-A/20	005990520	599DGT-AN/20	005990620
606/6	006060105	666N/5	006660005
606/10	006060110	666N/10	006660010
606/10X	006060111	666N/10X	006660011
606/20	006060120	666N/20	006660020
606/30	006060130	666N/30	006660030
860PHZ/A31	008600912	860MIX/A31	008600902
860RTX/A10	008600930	860TX/A10	008600970
860PHT/A31	008600940	860MIX/A31	008600902
860TX/A31	008600972	860MIX/A31	008600902
960PI/P	009600216	960PI/C19	009600217
960AVE2/K	009600249	960AVE	009600245
960KC-M8	009600800	960KC-M8/9/10	009600801
1056	010560019	1481PL/A	014810110
1461/C16	014610160	1461/C27G	014610228
1461/C17	014610170		
1461/C19	014610190	1461/C8G	014610084
1493Z/1	014930090	1493X/1	014930105
1493Z/2	014930095	1493X/2	014930110
1493Z/3	014930100	1493Y/2	014930122
1496/A	014960001		
1498TB/12	014980400	1498TB/12-24	014980401
1568/C15	015680015	3080/C15	030800015
1568R/CS3	015680503	3080R/CS3	030800503
1778SAFE	017780090	1778SOS	017780080
1917RS 1/4	019170250	1917RG 1/4	019170252
1921I	019210035	1922P3	019220013
1944	019440001	1944N	019440002
1946	019460001	1946T	019460021
2032VV	020320010	2028/VV	020280010
2032EL/A	020320114	2028EL/A	020280114
2032ET/A	020320118	2028ET/A	020280118
TV120	024000483	TV121	024000767
T120	024240120	T121	024240121
C55A1/R42	055000451		
C55A2/R70	055000452		
5910VI/3	059100053	5910VI/3	059100054
5910VI/3T	059100062	5910VI/3T	059100063
5910VG/3T	059100067	5910VG/3T	059100068
5940SBK	059400081	5940SBK	059400082
5957VG	059570060	5957VG	059570070
7200PN 35	072000535		
7200PN 36	072000536		
7200PN 37	072000537		
7200PN 38	072000538		
7200PN 39	072000539		

7200PN 40	072000540		
7200PN 41	072000541		
7200PN 42	072000542		
7200PN 43	072000543		
7200PN 44	072000544		
7200PN 45	072000545		
7200PN 46	072000546		
7200PN 47	072000547		
7200PN 48	072000548		
7201PN 35	072010535		
7201PN 36	072010536		
7201PN 37	072010537		
7201PN 38	072010538		
7201PN 39	072010539		
7201PN 40	072010540		
7201PN 41	072010541		
7201PN 42	072010542		
7201PN 43	072010543		
7201PN 44	072010544		
7201PN 45	072010545		
7201PN 46	072010546		
7201PN 47	072010547		
7201PN 48	072010548		
7220PE 35	072200135	7220PEK 35	072200235
7220PE 36	072200136	7220PEK 36	072200236
7220PE 37	072200137	7220PEK 37	072200237
7220PE 38	072200138	7220PEK 38	072200238
7220PE 39	072200139	7220PEK 39	072200239
7220PE 40	072200140	7220PEK 40	072200240
7220PE 41	072200141	7220PEK 41	072200241
7220PE 42	072200142	7220PEK 42	072200242
7220PE 43	072200143	7220PEK 43	072200243
7220PE 44	072200144	7220PEK 44	072200244
7220PE 45	072200145	7220PEK 45	072200245
7220PE 46	072200146	7220PEK 46	072200246
7220PE 47	072200147	7220PEK 47	072200247
7220PE 48	072200148	7220PEK 48	072200248
7221PE 35	072210135	7221PEK 35	072210235
7221PE 36	072210136	7221PEK 36	072210236
7221PE 37	072210137	7221PEK 37	072210237
7221PE 38	072210138	7221PEK 38	072210238
7221PE 39	072210139	7221PEK 39	072210239
7221PE 40	072210140	7221PEK 40	072210240
7221PE 41	072210141	7221PEK 41	072210241
7221PE 42	072210142	7221PEK 42	072210242
7221PE 43	072210143	7221PEK 43	072210243
7221PE 44	072210144	7221PEK 44	072210244
7221PE 45	072210145	7221PEK 45	072210245
7221PE 46	072210146	7221PEK 46	072210246
7221PE 47	072210147	7221PEK 47	072210247

7221PE 48	072210148	7221PEK 48	072210248
7224PE 35	072240135	7224PEK 35	072240235
7224PE 36	072240136	7224PEK 36	072240236
7224PE 37	072240137	7224PEK 37	072240237
7224PE 38	072240138	7224PEK 38	072240238
7224PE 39	072240139	7224PEK 39	072240239
7224PE 40	072240140	7224PEK 40	072240240
7224PE 41	072240141	7224PEK 41	072240241
7224PE 42	072240142	7224PEK 42	072240242
7224PE 43	072240143	7224PEK 43	072240243
7224PE 44	072240144	7224PEK 44	072240244
7224PE 45	072240145	7224PEK 45	072240245
7224PE 46	072240146	7224PEK 46	072240246
7224PE 47	072240147	7224PEK 47	072240247
7224PE 48	072240148	7224PEK 48	072240248
7241B 35	072410235	7241BK 35	072411235
7241B 36	072410236	7241BK 36	072411236
7241B 37	072410237	7241BK 37	072411237
7241B 38	072410238	7241BK 38	072411238
7241B 39	072410239	7241BK 39	072411239
7241B 40	072410240	7241BK 40	072411240
7241B 41	072410241	7241BK 41	072411241
7241B 42	072410242	7241BK 42	072411242
7241B 43	072410243	7241BK 43	072411243
7241B 44	072410244	7241BK 44	072411244
7241B 45	072410245	7241BK 45	072411245
7241B 46	072410246	7241BK 46	072411246
7241B 47	072410247	7241BK 47	072411247
7241B 48	072410248	7241BK 48	072411248
7241C 35	072410535	7241CK 35	072411535
7241C 36	072410536	7241CK 36	072411536
7241C 37	072410537	7241CK 37	072411537
7241C 38	072410538	7241CK 38	072411538
7241C 39	072410539	7241CK 39	072411539
7241C 40	072410540	7241CK 40	072411540
7241C 41	072410541	7241CK 41	072411541
7241C 42	072410542	7241CK 42	072411542
7241C 43	072410543	7241CK 43	072411543
7241C 44	072410544	7241CK 44	072411544
7241C 45	072410545	7241CK 45	072411545
7241C 46	072410546	7241CK 46	072411546
7241C 47	072410547	7241CK 47	072411547
7241C 48	072410548	7241CK 48	072411548
7243B 35	072430235	7243BK 35	072431235
7243B 36	072430236	7243BK 36	072431236
7243B 37	072430237	7243BK 37	072431237
7243B 38	072430238	7243BK 38	072431238
7243B 39	072430239	7243BK 39	072431239
7243B 40	072430240	7243BK 40	072431240
7243B 41	072430241	7243BK 41	072431241

ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

7243B 42	072430242	7243BK 42	072431242
7243B 43	072430243	7243BK 43	072431243
7243B 44	072430244	7243BK 44	072431244
7243B 45	072430245	7243BK 45	072431245
7243B 46	072430246	7243BK 46	072431246
7243B 47	072430247	7243BK 47	072431247
7243B 48	072430248	7243BK 48	072431248
7243C 35	072430335	7243CK 35	072431335
7243C 36	072430336	7243CK 36	072431336
7243C 37	072430337	7243CK 37	072431337
7243C 38	072430338	7243CK 38	072431338
7243C 39	072430339	7243CK 39	072431339
7243C 40	072430340	7243CK 40	072431340
7243C 41	072430341	7243CK 41	072431341
7243C 42	072430342	7243CK 42	072431342
7243C 43	072430343	7243CK 43	072431343
7243C 44	072430344	7243CK 44	072431344
7243C 45	072430345	7243CK 45	072431345
7243C 46	072430346	7243CK 46	072431346
7243C 47	072430347	7243CK 47	072431347
7243C 48	072430348	7243CK 48	072431348
7245B 35	072450235	7245BK 35	072451235
7245B 36	072450236	7245BK 36	072451236
7245B 37	072450237	7245BK 37	072451237
7245B 38	072450238	7245BK 38	072451238
7245B 39	072450239	7245BK 39	072451239
7245B 40	072450240	7245BK 40	072451240
7245B 41	072450241	7245BK 41	072451241
7245B 42	072450242	7245BK 42	072451242
7245B 43	072450243	7245BK 43	072451243
7245B 44	072450244	7245BK 44	072451244
7245B 45	072450245	7245BK 45	072451245
7245B 46	072450246	7245BK 46	072451246
7245B 47	072450247	7245BK 47	072451247
7245B 48	072450248	7245BK 48	072451248
7246B 35	072460235	7246BK 35	072461235
7246B 36	072460236	7246BK 36	072461236
7246B 37	072460237	7246BK 37	072461237
7246B 38	072460238	7246BK 38	072461238
7246B 39	072460239	7246BK 39	072461239
7246B 40	072460240	7246BK 40	072461240
7246B 41	072460241	7246BK 41	072461241
7246B 42	072460242	7246BK 42	072461242
7246B 43	072460243	7246BK 43	072461243
7246B 44	072460244	7246BK 44	072461244
7246B 45	072460245	7246BK 45	072461245
7246B 46	072460246	7246BK 46	072461246

7246B 47	072460247	7246BK 47	072461247
7246B 48	072460248	7246BK 48	072461248
7247B 35	072470235	7247BK 35	072471235
7247B 36	072470236	7247BK 36	072471236
7247B 37	072470237	7247BK 37	072471237
7247B 38	072470238	7247BK 38	072471238
7247B 39	072470239	7247BK 39	072471239
7247B 40	072470240	7247BK 40	072471240
7247B 41	072470241	7247BK 41	072471241
7247B 42	072470242	7247BK 42	072471242
7247B 43	072470243	7247BK 43	072471243
7247B 44	072470244	7247BK 44	072471244
7247B 45	072470245	7247BK 45	072471245
7247B 46	072470246	7247BK 46	072471246
7247B 47	072470247	7247BK 47	072471247
7247B 48	072470248	7247BK 48	072471248
7250NKK 38	072500238		
7250NKK 39	072500239		
7250NKK 40	072500240		
7250NKK 41	072500241		
7250NKK 42	072500242		
7250NKK 43	072500243		
7250NKK 44	072500244		
7250NKK 45	072500245		
7250NKK 46	072500246		
7250NKK 47	072500247		
7251NKK 38	072510238		
7251NKK 39	072510239		
7251NKK 40	072510240		
7251NKK 41	072510241		
7251NKK 42	072510242		
7251NKK 43	072510243		
7251NKK 44	072510244		
7251NKK 45	072510245		
7251NKK 46	072510246		
7251NKK 47	072510247		
7293NKK 38	072930138		
7293NKK 39	072930139	7293HM 39	072930639
7293NKK 40	072930140	7293HM 40	072930640
7293NKK 41	072930141	7293HM 41	072930641
7293NKK 42	072930142	7293HM 42	072930642
7293NKK 43	072930143	7293HM 43	072930643
7293NKK 44	072930144	7293HM 44	072930644
7293NKK 45	072930145	7293HM 45	072930645
7293NKK 46	072930146	7293HM 46	072930646
7293NKK 47	072930147	7293HM 47	072930647
7293NKK 48	072930148	7293HM 48	072930648
7294NKK 38	072940138		
7294NKK 39	072940139	7294HM 39	072940639
7294NKK 40	072940140	7294HM 40	072940640

7294NKK 41	072940141	7294HM 41	072940641
7294NKK 42	072940142	7294HM 42	072940642
7294NKK 43	072940143	7294HM 43	072940643
7294NKK 44	072940144	7294HM 44	072940644
7294NKK 45	072940145	7294HM 45	072940645
7294NKK 46	072940146	7294HM 46	072940646
7294NKK 47	072940147	7294HM 47	072940647
7294NKK 48	072940148	7294HM 48	072940648
7294TKK 38	072940238		
7294TKK 39	072940239	7294HMC 39	072940739
7294TKK 40	072940240	7294HMC 40	072940740
7294TKK 41	072940241	7294HMC 41	072940741
7294TKK 42	072940242	7294HMC 42	072940742
7294TKK 43	072940243	7294HMC 43	072940743
7294TKK 44	072940244	7294HMC 44	072940744
7294TKK 45	072940245	7294HMC 45	072940745
7294TKK 46	072940246	7294HMC 46	072940746
7294TKK 47	072940247	7294HMC 47	072940747
7294TKK 48	072940248	7294HMC 48	072940748
7310BKK 38	073100238	7310CRK 38	073100338
7310BKK 39	073100239	7310CRK 39	073100339
7310BKK 40	073100240	7310CRK 40	073100340
7310BKK 41	073100241	7310CRK 41	073100341
7310BKK 42	073100242	7310CRK 42	073100342
7310BKK 43	073100243	7310CRK 43	073100343
7310BKK 44	073100244	7310CRK 44	073100344
7310BKK 45	073100245	7310CRK 45	073100345
7310BKK 46	073100246	7310CRK 46	073100346
7310BKK 47	073100247	7310CRK 47	073100347
7330NV 38	073300438		
7330NV 39	073300439		
7330NV 40	073300440		
7330NV 41	073300441		
7330NV 42	073300442		
7330NV 43	073300443		
7330NV 44	073300444		
7330NV 45	073300445		
7330NV 46	073300446		
7330NV 47	073300447		
7330NV 48	073300448		
7361UM 35	073610335		
7361UM 36	073610336		
7361UM 37	073610337		
7361UM 38	073610338		
7361UM 39	073610339		
7361UM 40	073610340		
7361UM 41	073610341		
7361UM 42	073610342		
7361UM 43	073610343		
7361UM 44	073610344		

ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

7361UM 45	073610345
7361UM 46	073610346
7361UM 47	073610347
7361UM 48	073610348
7368UM 35	073680535
7368UM 36	073680536
7368UM 37	073680537
7368UM 38	073680538
7368UM 39	073680539
7368UM 40	073680540
7368UM 41	073680541
7368UM 42	073680542
7368UM 43	073680543
7368UM 44	073680544
7368UM 45	073680545
7368UM 46	073680546
7368UM 47	073680547
7368UM 48	073680548
7398BF 36	073980336
7398BF 37	073980337
7398BF 38	073980338
7398BF 39	073980339
7398BF 40	073980340
7398BF 41	073980341
7398BF 42	073980342
7398BF 43	073980343
7398BF 44	073980344
7398BF 45	073980345
7398BF 46	073980346
7398BF 47	073980347
7398BF 48	073980348
7398AL 38	073980538
7398AL 39	073980539
7398AL 40	073980540
7398AL 41	073980541
7398AL 42	073980542
7398AL 43	073980543
7398AL 44	073980544
7398AL 45	073980545
7398AL 46	073980546
7398AL 47	073980547
7398AL 48	073980548
7410 S	074100001
7410 M	074100002
7410 L	074100003
7410 XL	074100004
7413 S	074130001

7413 M	074130002		
7413 L	074130003		
7413 XL	074130004		
7415 S	074150001		
7415 M	074150002		
7415 L	074150003		
7415 XL	074150004		
7416 S	074160001		
7416 M	074160002		
7416 L	074160003		
7416 XL	074160004		
7417 S	074170001		
7417 M	074170002		
7417 L	074170003		
7417 XL	074170004		
7418 S	074180001		
7418 M	074180002		
7418 L	074180003		
7418 XL	074180004		
7685 XXXL	076850006		
7685BL XXXL	076850106		
7780N XS	077800000		
7780N S	077800001	7780T S	077800101
7780N M	077800002	7780T M	077800102
7780N L	077800003	7780T L	077800103
7780N XL	077800004	7780T XL	077800104
7780N XXL	077800005	7780T XXL	077800105
7780N XXXL	077800006	7780T XXXL	077800106
7984	079840130	7984G	079840525
8006ZS M11	080060711		
8016U 5	080160605	8016U2 5	080160855
8016U 6,5	080160606	8016U2 6,5	080160856
8016U 8	080160608	8016U2 8	080160858
8016U 10	080160610	8016U2 10	080160860
8016U 12	080160612	8016U2 12	080160862
8016U 14	080160614	8016U2 14	080160864
8016U 16	080160616	8016U2 16	080160866
8016U 19	080160619	8016U2 19	080160869
8016U 22	080160622	8016U2 22	080160872
8016U 26	080160626	8016U2 26	080160876
8016U 30	080160630	8016U2 30	080160880
8016U 34	080160634	8016U2 34	080160884
8016U 40	080160640	8016U2 40	080160890
8028 11	080280111		
8028-K 11	080289111		
8050D7	080500951		
8050D8	080500952		
8050D7A	080500968		
8050D26	080500971		
8050D27	080500972		
8050D28	080500973		

8050D31	080500976		
8090 5,3	080900053	8090R 5,3	080900153
9525C	095250051	9525N	095251021
9525R	095250071	9525N	095251021
9543S S	095430002		
9543S M	095430003		
9543S L	095430004		
9543S XL	095430005		
9543S XXL	095430006		
9543S XXXL	095430007		
9543W S	095430102		
9543W M	095430103		
9543W L	095430104		
9543W XL	095430105		
9543W XXL	095430106		
9543W XXXL	095430107		
9557SB	095570050		
9564B	095640011		
9564G	095640021		
9564X	095640031		
9575	095750001	2254C	022540200
9582LI	095820050		
9593CA	095930025	9593A	095930050
9593B	095930130	9593W	095930150



Adjustable wrenches	29, 229, 241, 247
Amperometric clamps	197
Assortments of tools in thermoformed trays	409÷431
Auto-darkening LCD mask	208
Automatic cable reels with inspection lamps	206-207
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1940	264	2032/TE	274	38/DS2	448	357 R/F3	36	3014SAR/2	215
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3025/PF	215	3070/2	222	3984/4	227	426/SP	42	446/C48	49	
3025/RF	215	3070/3	222	3984/5	227	426MD	43	446/C110	49	
3025/RG	215	3070/4	222	3984/6	227	426MD/SP10	43	447/C37	50	
3026 0,3	215	3072	222	3991	227	426MD-3	43	447/C53	50	
3026 0,5	216	3073	222	3992	227	426MD-3/A9	43	447/C70	50	
3026 1,0	216	3075/CM	223	4		426SB	42	450	50	
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3026/SP	216	3075MV 56	222		428FC	44	450PA/1	51		
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3027 20	216	3080/C15	223		42/SP25	18	429/C14	44	450PR	51
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3027 50	216	3081	223		42BA	245	429FP	44	450/C15	51
3027/KP	216	3085	223		42BA-AS	245	430	44	450/C21	52
3027/KPP50	217	3091	223	42HS	234	430/SP	44	451	52	
3030/2T	217	3092	223	42HS-AS	234	430ASC	45	451GA	52	
3030/2T-R5	217	3093/E	223	42INOX	240	430ASW	44	451PA	52	
3030/2T-R6	217	3093/U	223	42INOX-AS	241	431	45	451PR	52	
3030/2TRP	217	3500/D	306	42INOX/SC9	241	431/SP	45	452	52	
3033/3T	217	3500/P	306	42LMP	19	433	45	452GA	52	
3035	217	3912P	225	42MP	19	433ASF	45	5		
3040	220	3912T	225	45	19	433ASG	45		52	19
3040A/1	220	3916MM	225	410	38	434	45		52MQ	229
3040A/2	220	3921	225	410/SEL	38	435	45		53	20
3040A/6-8-10	220	3923	225	410/SP	38	435G	46		55	20
3041	220	3927	225	410A	39	436	46		55K	436
3041A/11	220	3932U	225	410AS	39	436L	46		55AS	20
3041A/15	220	3935	225	410AS/SEL	39	436R	46		55BA	245
3041T	220	3937	225	410AS/SP	39	437C	46		55BA-AS	245
3041T/17	220	3948	225	410MIX/SEL19	38	437C/...	46		55HS	234
3042	220	3952	225	412/C150	39	437C/RM14	46	55MP	21	
3042/K6P	220	3952/S7	225	412/SP	39	437K/8	46	58	21	
3043	220	3953 15	226	412	39	437K/16	46	58BA	245	
3043A/41÷47	220	3955	226	412/SP91	39	437K/33	46	560/C2	52	
3044	220	3961 3,2	226	412A	40	437U/09	46	560/C4+	53	
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3048	221	3961U	226	414/C116	40	438A	47	562/1 - 562/2	53	
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3050/CL	221	3962SH	226	415	40	440	47	565/1R - 565/2R - 565/3R	53	
3050/K	221	3963P	226	415/C116	41	440A	47	565/4R	54	
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3050/M	221	3964	226	415/SP91	41	440ASF	47	567/4R	54	
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3065/20-10T	218	3973/4	227	423A	42	444G	48	599DGT-AN	55	
3065/40-20T	218	3973PF	227	424	42	446ASC/C37	50			
3067/60-15T	218	3975	227	424/SP	42	446ASF/C29	49			
3067/70-13T	218	3984/1	227	425	42	446ASG/C23	50			
3070	222	3984/2	227	425/SP	42	446ASW/C36	49			

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5700LAMP	324	6	6600 M/22	453	7	728/25	65		
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5902MT/AS	392		6600 M/230	455		728/OR - 728/SP	65		
5902VI	352		600/1 - 600/2	56		73	21	728FTX	64
5904VG/1M	393		601C	56		78	21	728L	64
5904VG/2M	394		601CA	56		78AS	21	728LQ	65
5904VG/2T	395		603	56		78BA	246	728LS	65
5904VG/3	396		604B	56		78BA-AS	246	729	65
5904VG/3T	397		605E	56		710	61	729/15	66
5904VG/5T	398		606MQ/50	229		710/16	61	729/16	66
5904VI/1T	353		611	56		710/20	61	729/21	66
5904VI/2T	354		612 ÷ 614	56		710/21	61	729/22	66
5904VI/3T	355		614/50	56		710/25	61	729/25	66
5904VU/1M	364		615	57		710/C10	61	729/OR... - 729/SP...	66
5904VU/2M	365		616 - 617 - 619	57		710/OR... - 710/SP..	61	729L	65
5904VU/2T	366		621	57		720	61	729LS	66
5904VU/3T	367		641	57		720/15	63	729T	66
5905VG/1	399		642	57		720/16	63	730	66
5905VG/2	400		643	57		720/20	63	730/15	66
5908VG/2T	401		643	57		720/21	63	733/15	66
5908VI/2T	356		652	57		720/25	63	7042LCD	208
5910VG/3T	402	653	57	720/C6	63	7042LCD/RV	208		
5910VI/3	357	653	57	720/C12	63	7042LCD/RV-INT	208		
5910VI/3T	358	666N	58	720/OR... - 720/SP..	63	7051MP	497		
5914VU/M	368	666N LBF.IN	58	720AS	61	7061TC	497		
5915VU/0	369	666HS	235	720FTX	62	7076BC	497		
5915VU/1	370	667N	58	720FTX/SB	62	7076BD	497		
5915VU/2	371	668N	58	720IC	62	7076BP	497		
5915VU/3	372	668RG	59	720L	61	7076BU	497		
5915VU/4	373	669N	59	720L/S3	61	7093BC	497		
5915VU/5	374	671B/C5	59	720L/S	62	7093BD	498		
5915VU/AS	375	671B/C10	59	720LC	62	7190C	497		
5927VU/M	376	671N/C10	59	720LC/C3	62	7195A	497		
5935ET/1MB	384	671N/C20	59	720LC/S5	62	7200BKK	468		
5935VG/1MB	403	671N/C30	59	720LCL	62	7201BKK	469		
5935VI/1MB	359	677	60	720LCL/C3	62	7208WR	469		
5935VI/2MB	360	677/C	60	720LS	62, 104	7210BKK	469		
5935VU/1MB	377	677/CP200	60	720ME	63	7210PB	469		
5938U/2T	378	677/CV - 678/CV	60	720ME/C8	63	7211PG	470		
5940SBK	404	678/C	60	720MRC	62	7212FG	467		
5941KART	406	680	60	720TC	62	7213FG	467		
5941VU-M	405	682	60	720TC/S5	62	7214FN	467		
5953VG	407	6200AP/S10	498	720TX	62	7215FN	468		
5953VI	361	6600 E/A10	458	720TX/C6	63	7216BKK	470		
5954VG	408	6600 E/A20	459	727/C16	64	7216SN	470		
5954VI	362	6600 E/A30	459	727/ES16	64	7218FN	468		
5957U-P	379	6600 E/B10	459	727/ES16TX	64	7220PEK	465		
5957VG	409	6600 E/B20	459	727/ES22	64	7221PEK	466		
5957VI	363	6600 E/C10	459	727/ES22TX	64	7223PEK	466		
5958U	380	6600 E/K20	459	727/ES32	64	7224PEK	466		
5980/MQ	387	6600 M/11	453	727PI/16	63	7235B	471		
5980EL/A	388	6600 M/112	454	727PI/22	64	7236B	471		
5980EL/B	389	6600 M/116	454	727PI/32	64	7237WR	471		
5980ET/A	385	6600 M/120	454	728	64	7238WR	472		
5980ET/B	386	6600 M/125	454	728/15	65	7239C	462		
5980ID	390	6600 M/126	454	728/16	65	7241BK	462		
5980U/BIKE	381	6600 M/131	454	728/21	65	7241CK	462		
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7243CK	463	7548G	487	7973	496	862PH-XL	70	8009Z	503
7243CR	463	7548N	488	7978E	496	862PZ	70	8009Z-K	529
7243EN	461	7577N	488	7979	496	862TX	71	8010TZ	503
7243FT	464	7578G	489	7981T	497	862TX/L	71	8010Z	503
7245BK	464	7622G	488	7984G	497	862TX-XL	71	8010Z-K	529
7246BK	464	7632G	488	7985	497	866LP	71	8016	504
7246E	461	7635G	488	7991N	496	866PE	71	8016DA	504
7247BK	464	7635N	488	7992N	496	866PH	71	8016DF	504
7248G	472	7636BL	488			866PZ	71	8016FR	505
7249G	472	7683	489			866RTX	71	8016FR-K	530
7252NKK	473	7684	489			866TX	71	8016-K	530
7253NKK	473	7685	489			867PE	72	8016U2	504
7290NA	479	7685BL	489			867PE/L	72	8016U-K	530
7291NA	479	7734	489			867RIBE	72	8018E	505
7293HM	481	7780T	489			867RIBE/L	72	8018T	505
7293NB	481	7800G	497			867RTX	72	8020	505
7294HM	482	7811	486			867RTX/L	72	8021	505
7294HMC	482	7815N	486			867TX	72	8025	505
7294NB	482	7816BL	486			867TX/L	72	8025-K	530
7300FT	480	7816G	487			867XZN	72	8026A	506
7300MK	480	7820	494			867XZN/L	72	8026A-K	530
7310CRK	470	7821	494			867/...	72	8026R	506
7313B	473	7823	494			867/C20	72	8026R-K	530
7313G	474	7825	494			867/C38	73	8028	506
7314AB	474	7829	494			867/C52	73	8028-K	530
7314AF	474	7830ST (ex 7816ST)	493			882	73	8029	507
7315AN	475	7831ST	493			882M	73	8029R	507
7316N	474	7833ST	493			882M1	73	8029R-K	530
7318AN	475	7835ST	493			882MSR	73	8031R - 8031	507
7319ESD	480	7840BL	490			882P	73	8031R-K	530
7323M	475	7849BL	490			892	73	8032	507
7328EA	465	7860E	490			895	73	8032-K	530
7328EN	465	7861E	490			897	73	8040EN	508
7340B	477	7863E	490			897L	73	8040EN-K	530
7340R	478	7865E	490			8001TZ	501	8040EZ	507
7340Y	478	7867E	491			8001TZ-K	529	8040EZ-K	531
7341N	478	7869E	491			8001Z	501	8041	509
7349RP	478	7870E	491			8001Z-K	529	8041-K	531
7350RP	479	7871E	491			8002ZD	501	8042EN	508
7360UN	476	7873E	491			8002ZS	501	8042EN-K	531
7361UB	476	7875E	491			8003ZD	502	8042EZ	508
7368UG	476	7877E	492			8003ZS	502	8042EZ-K	531
7368UN	477	7879E	492			8004ND	501	8043	509
7369UB	477	7880SC	487			8004NS	501	8043-K	531
7398EF	483	7900E	492			8005TZ	502	8044	509
7398GEL	483	7901E	492			8005TZ-K	529	8048	509
7398U	483	7903E	492			8005Z	502	8049	509
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7421	484	7905E	492			8006Z	502	8051S	512
7423	484	7907E	493			8006Z-K	529	8051S-K	531
7425	484	7909E	493			8007Z	503	8052	512
7427	484	7930P	494			8007Z-K	529	8057	513
7429	484	7931P	495			8008N	503	8057R	513
7525	486	7933P	495			8008N-K	529	8058R	513
7526	486	7935P	495			8008TZN	503	8060R	513
7546BL	487	7939P	495			8009FD	502	8061F	513
7546G	487	7970	495			8009FS	502	8061R	513
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8064S	514	8182T	521	8381SP	512	95	23	97TX	27
8065SC	514	8182TS	521	8381SX	528	95BA	246	97TX/BG8	28
8074	509	8185	522	8383C	512	95FTX	24	97TX/SC8	28
8074A	510	8186	522	8383P	512	96	24	97TTX	28
8074G	510	8187	522	8515V	512	96AS	25	98XZN	29
8080	510	8188C	522	8515Z	512	96AS/BG7	25	99	29
8082	510	8188CG/25	522	851SR	67	96AS/SC9	25	99BA	247
8083	510	8188F	522	8531	506	96BA	246	99SQ	29
8085	514	8188FG3	523	8532	506	96BA/BP	246	99ST	29
8086	514	8188VF/35	522	8535	512	96BP	26	99 VN/...	29
8090	515	8188VFG2	523	8600 E/R	458	96BP/AS-SC9	26	900	74
8090F	515	8189	523	8600 R/10	458	96BP/SC9	26	900AN	75
8091	515	8189PA	523	8600 R/112	458	96BPA	27	900AS	74
8092	516	8201T	523	8600 R/224	458	96BPA/SC9	27, 436	900AS/C10	78
8094	516	8205	523	8600 R/411	458	96BPC	26, 436	900AS/C17-MBM	78
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8097	517	8207	523	8871	239	96BPINOX	241	900AS/MB	74
8098	517	8209	523	8872A	239	96BPINOX-AS	241	900AS/MB-C17	78
8100	515	8210	524	8872AS	239	96BPINOX-AS/B8	241	900AS/MBL	74
8105	504	8216	524	8873	239	96C/AS	25, 436	900AS/SB11	74
8105-K	529	8216-K	531	8877	239	96C-AS/SC9	25	900BG/30	76
8109	504	8220	524	8877M	239	96L	26	900BG/30C	76
8109-K	530	8225	524	8879	239	96L/SC8	26	900BG/30K	438
8114	510	8227	524	8880	239	96L/SC12	26	900E-HS/55	235
8116	510	8228	524	8883	239	96LBP	26	900FL	76
8120	510	8240	524	8889C1	433	96LBP/SC9	26, 436	900FTX	75
8120B	511	8240F	525	8889C2	433	96LC	25	900FTX/SB9	75
8130	511	8242	525	8889C3	433	96LC/SC8	25	900K	438
8130A	511	8242F	525	8889C4	433	96LC/SC12	25	900L	74
8131DL	511	8248	525	8889C6	433	96N	24	900L/SB13	74
8131Z	511	8249	525	8889CD	433	96N/SC9	25	900LP	75
8139DL	511	8249G	525	8889CS	433	96N/SC12	25	900M/35	76
8139Z	511	8250	525	8889P1	432	96N/ST	24	900M/55	76
8139ZCH	511	8264	526	8889P2	433	96N/ST6K	436	900M/R55	94
8150	517	8267	526	8889P3	433	96T	27	900MB	74
8153	518	8272	526	8889P4	433	96T/S6	27	900MB/C19	77
8156	518	8273	526	8889PD	433	96T/S11	27	900MB/C28	78
8157	518	8274	526	8889PS	433	96TBP	27	900MB/L	74
8158	518	8274A	526			96TBP/S6	27	900MB/SB	74
8159	518	8274G	527			96THS	234	900ME	75
8160	518	8276	527			96THS-AS	234	900ME/SB8	75
8161	519	8276G	527	90	22	96TINOX	241	900PH	75
8166	520	8278	527	90AS	23	96TINOX/S5	241	900PT	75
8170	519	8280	527	90BA	246	96TINOX-AS	241	900T/44	76
8173	519	8282	527	90K	436	96TINOX AS/S7	241	900TX	75
8176	519	8282S	527	91	23	96TK	437	900TX/SB	75
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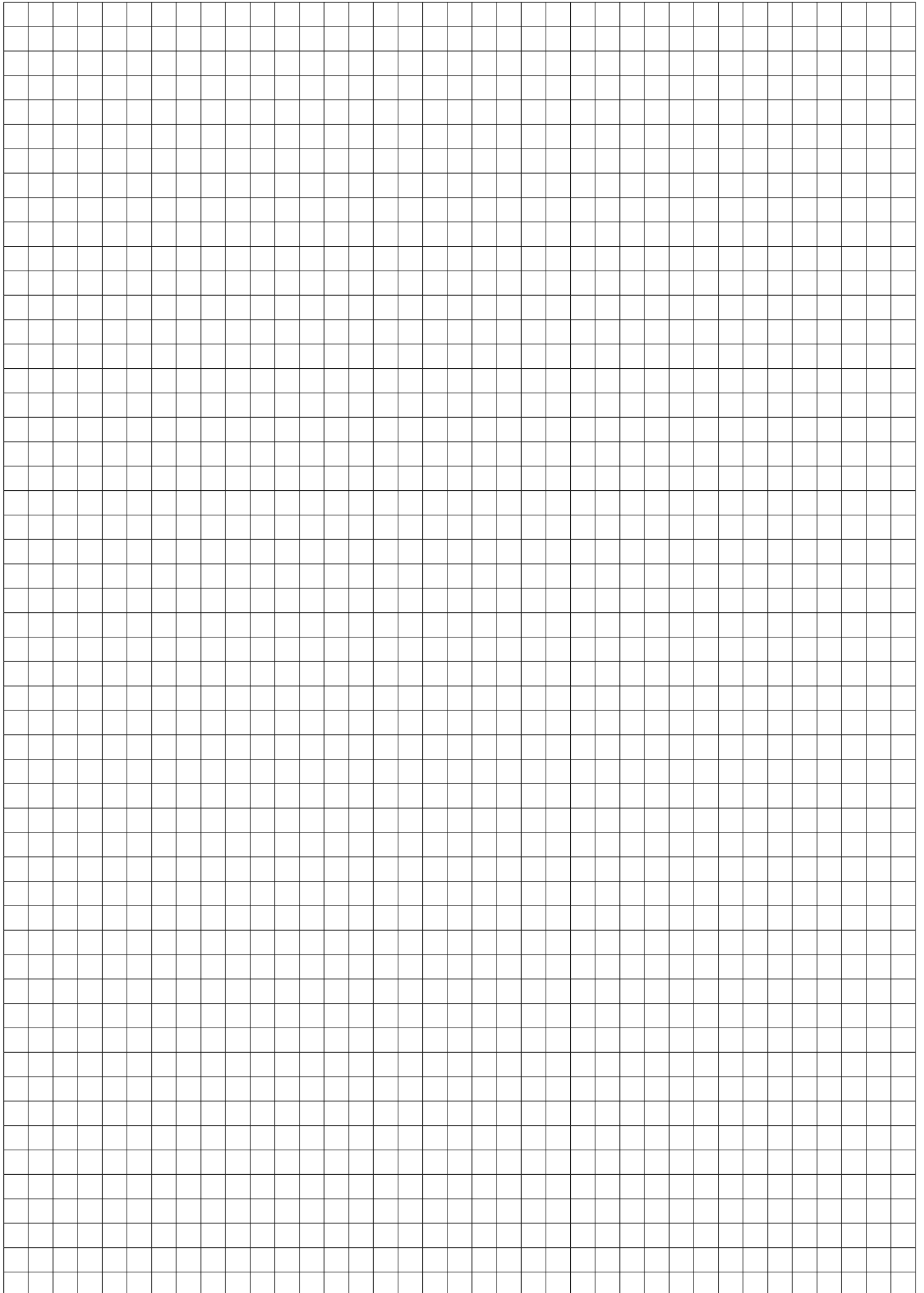
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900/C39	77	910/36A	81	920FTX/C	85	920/55X	89	937/S	96
900/R55	94	910/40	81	920FTX/L	85	920/56A	89	940	96
900/SB	74	910/42	82	920FTX/LSB	85	920/58	89	941	96
902R/C6	78	910/46	82	920FTX/SB	85	920/C37	91	941/S	96
910A	78	910/55	82	920INOX-A	242	920/R50	95	942BX	96
910A/AS	79	910/55Q	82	920LH/SB7	85	920/R55	95	942BX/DG	448
910A/C10	82	910/58	82	920LP	85	920/R55INOX	242	942BX/S	97
910A/C16	82	910/R55	94	920M/35	88	920/R55LC	95	943BX	97
910A/C16HR	83	910/R55Q	94	920M/35L	88	920/R55Q	95	943BXK	439
910A/C16Q	82	910/R55X	94	920M/55	89	920/R55X	95	943BX/D	97
910A/C17	83	920A	84	920M/56	89	921BA	247	943BX/DG	448
910A/C29	83	920A/AS	84	920M/R55	95	921BA/21 - /22	247	943BX/S	97
910A/SB	78	920A/C11	89	920ME	86	921BA/25	248	943FL	97
910A-AS/SB13	79	920A/C12	89	920ME/C	86	921BA/42	248	943FL/S	97
910AL	79	920A/C12X	89	920ME/SB	86	921BA/50	248	943MQ	229
910AL/SB14	79	920A/C17HR	92	920MQ/21	229	921BA/R50	248	943MQ/BG	448
910AN	81	920A/C20	90	920MQ/22	229	921BA-AS	247	943MQ/S	230
910AS	79	920A/C20Q	90	920MQ/55A	229	926BA	248	944BX	97
910AS/C13	83	920A/C20X	90	920MQ/A	229	926BA/22	248	944BX/D	97
910AS/L	80	920A/C21	90	920MQ/C16	229	926BA/42	248	944BX/DG	448
910AS/MBM-C18	83	920A/C21X	90	920MQ/PE	229	926BA/50	248	944BX/S	97
910AS/SB13	79	920A/C33	91	920MQ/T	229	926BA/R50	248	949	97
910AS/SN	80	920A/SB8	84	920PE	86	928A	92	949/S6	97
910ASL/SB12	80	920A/SB13	84	920PE/AS	86	928A/C12	93	950	98
910B	79	920A-AS/SB11	84	920PE/C	86	928AS	93	950/S	98
910B/C10	82	920AK	438	920PE/SB	86	928AS/C12	94	951	98
910B/C16	83	920AL	84	920PH	85	928B	92	951/S	98
910B/C16Q	83	920AL/SB11	84	920RTX	87	928B/C12	93	951/SP	98
910B/C29	83	920AN	87	920RTX/SB	87	928ME	93	951AS	98
910B/SB	79	920AS	85	920TX	86	928/15	93	951AS/S	98
910B/SN	79	920AS/C10	91	920TX/C	87	928/16	93	951K	439
910BL	79	920AS/C15	91	920TX/C17	92	928/20 - 928/21 - 928/22	93	951MQ	230
910BL/SB	79	920AS/C17X	92	920TX/LSB4	86	928/25	93	951TX	98
910BP	80	920AS/L	85	920TX/SB	86	928/36A	93	951TX/S	98
910CF	81	920AS/MBM-C21	92	920XZN	87	928/42	93	952	98
910CF/SB	81	920AS/SB11	85	920XZN/LS	87	928/55	93	952AS	99
910E-HS/55	235	920ASL/SB11	85	920XZN/SB7	87	928/R55	95	952FTX	99
910FTX	80	920B	84	920XZN/SB12	87	928/R55X	95	952FTX/S	99
910FTX/L	80	920B/C11	89	920/15	87	929	94	952L	99
910FTX/LSB	80	920B/C12	90	920/16	87	929/15	94	952/S	99
910FTX/SB	80	920B/C12X	90	920/20 - /21 - /22 - /23	87	929/21 - 929/22	94	953	99
910LP	80	920B/C20	90	920/21K	439	929/42	94	953/S	99
910M/35	81	920B/C20X	90	920/25	88	929/55	94	953TX	99
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910M/56	82	920B/C21X	90	920/35A	88	929/R55	95	955	99
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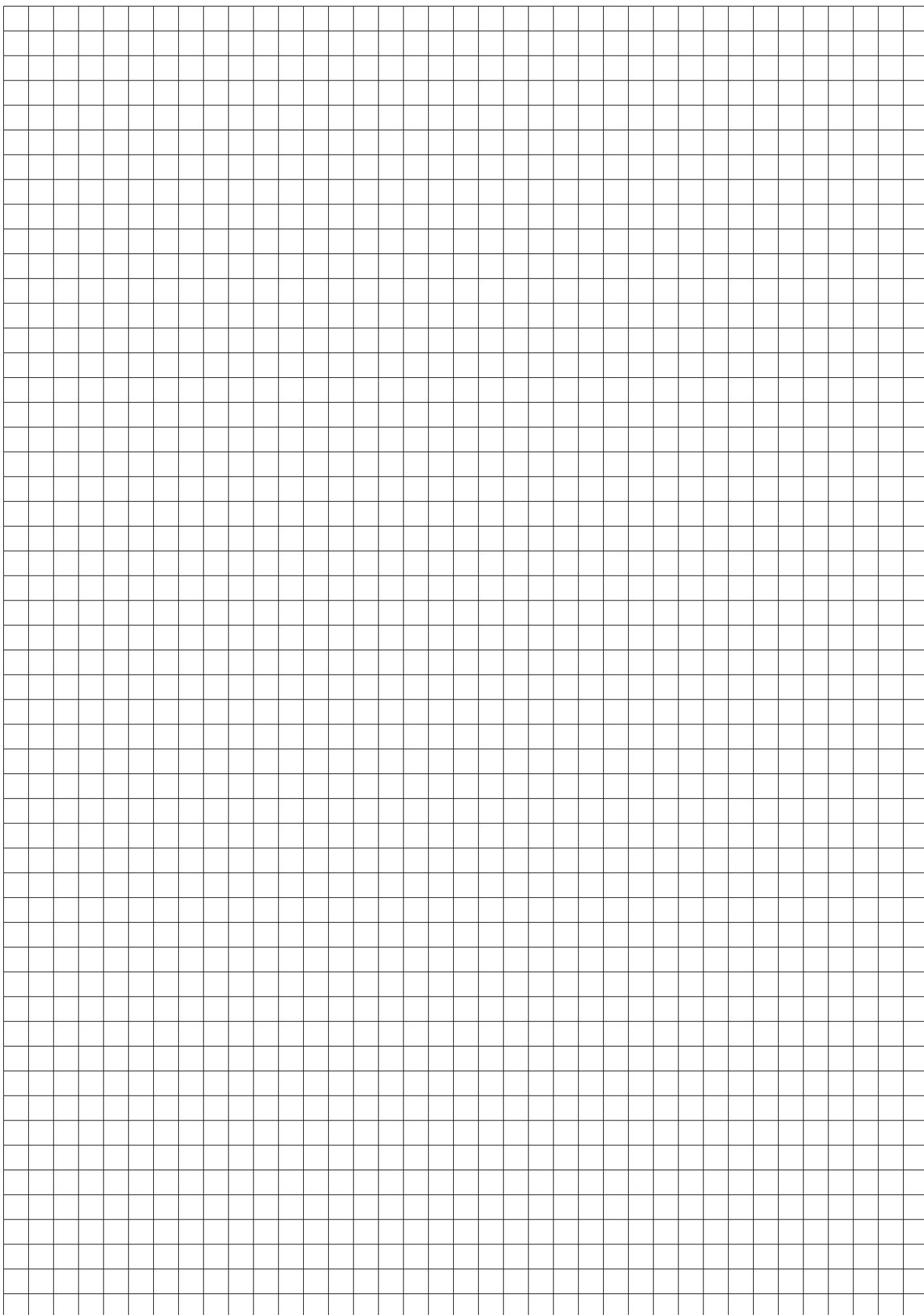
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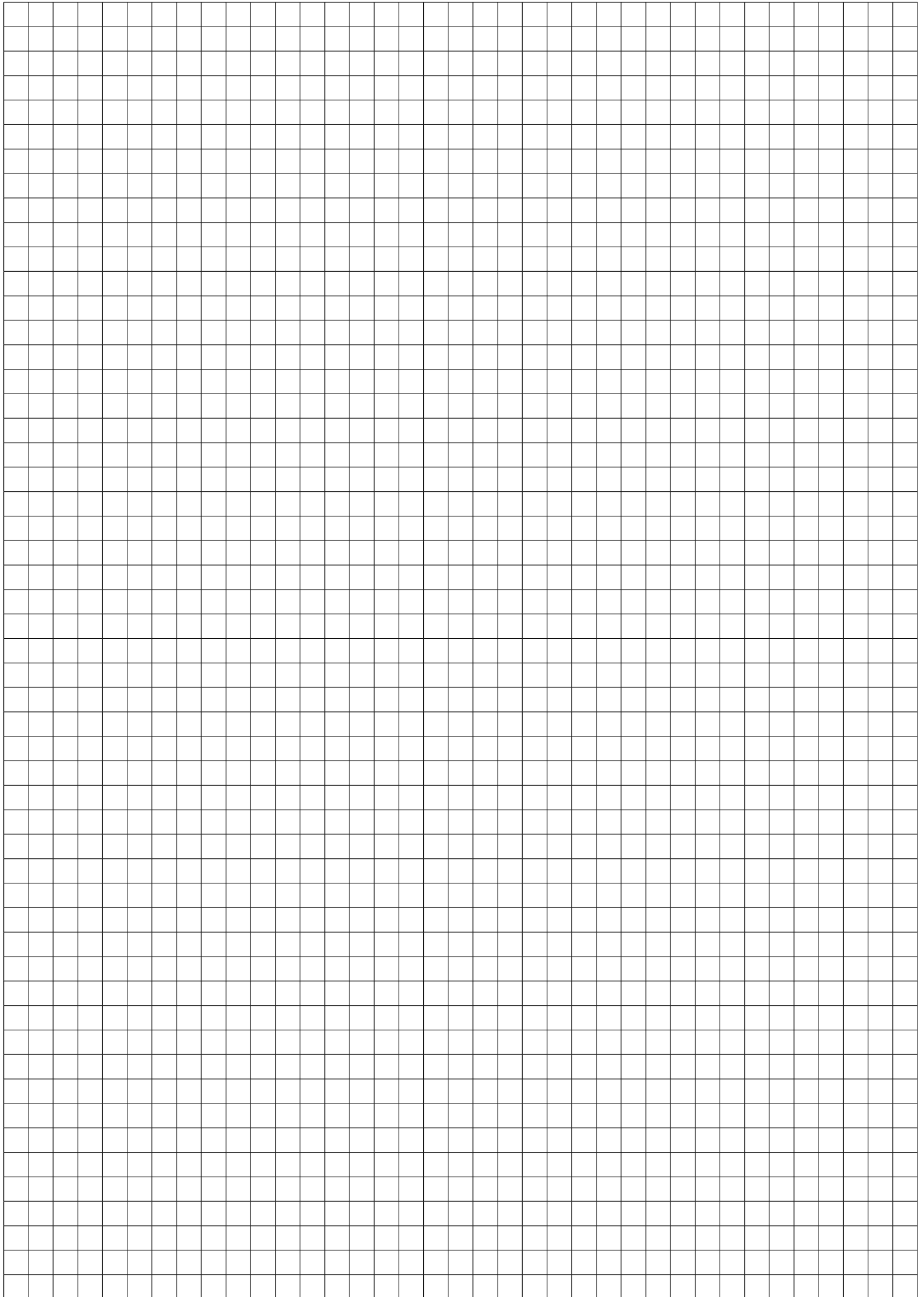
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960BT	100	984	105	9539C/B	537	9598B	536	C38L	307	
960BT/B	100	985F	105	9541BIKE	535	9599CB	536	C38LA	307	
960CMB	101	985M	105	9541F	535	9599CB-W	536	C38T	307	
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960 E-PI/P	102	987	106	9542GW	537	C04TSS-7	284	C39SM	313	
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960H/C4	101	988/K4	106	9544	535	C6T	276	C41H/CE	317	
960KC-M8/M9/M10	102	989	106	9545	535	C7	276	C41MS	317	
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960PI	102	993G	106	9549PB	539	C10S - 2110S	277	C51	319	
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960PMC	103	994	106	9557J 2.0	535	C13	277	C55	332	
960RPI	102	994MQ	230	9557J 3.0	535	C14	277	C55/1PF	345	
960S	101	994PL	107	9559	538	C16 - 2116	278	C55/2PF	344	
960SL	101	994TF	107	9559/30MT	539	C18 - 2118	278	C55/2PM	344	
960SL	101	996	107	9561V	538	C19 - C19L	279	C55/3PF	345	
960SN	101	998	107	9561VV	538	C20 - C20L	279	C55/3PM	345	
960UC	102	999	107	9563G	539	C20TSS	279	C55A1	347	
960/22EP	101	999A	107	9563P	539	C22B	279	C55A1/R42	347	
961BA	248	999B	107	9569P	541	C22P	279	C55A2	348	
961D	103	999C	107	9569S	541	C22S	282	C55A2/R70	348	
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961P6/S-2	103	999/B	107	9577M	539	C23ST	283	C55B PRO-4	336	
962	103	9500TL	533	9579C	539	C24 SL-CAB	297	C55B PT/2	336	
962M	103	9501TL	533	9580S	534	C24S/5	285	C55B PT/2,8	337	
962P	103	9502TL	533	9581	540	C24S/6	286	C55B/2	334	
963	103	9503TL	533	9582LE	539	C24S/7	287	C55B/2,8	335	
963BA	248	9504	533	9586K	540	C24S/8	288	C55B/GD	337	
964	103	9505	533	9587 9x14	541	C24SA/6	289	C55B/GDAA	338	
964BA	248	9507D	533	9587 13x21	541	C24SA/7	290	C55B/GDE	337	
964BA/L	248	9507U	533	9588/10PI	541	C24SA/8	291	C55B/GDS	338	
965	104	9508K	534	9588M	540	C24SA-XL/7	292	C55B/GS	337	
965BA	248	9510	534	9588S/10...	541	C24SA-XL/8	293	C55B/GSAA	338	
965/S	104	9515M	536	9589A/36	541	C24SA-XL/9	294	C55B/GSE	338	
966BA	249	9516B	537	9589B/36	541	C24SL	296	C55B-D4	336	
966BA/V	249	9521	536	9590B	539	C25	296	C55C7	339	
966/C3	104	9521W	536	9592B/C50	540	C27S	298	C55C8	339	
969B	104	9524SC	538	9592B/P	540	C28	299	C55CS	341	
969/C5	104	9525/B	536	9592M/50	540	C30S	300	C55LMP/1	349	
970B	104	9525/N	536	9593A	534	C33/6	301	C55LMP/2	349	
970C	104	9525BB	536	9593CV	534	C33/7	302	C55M2	343	
970EA	104	9525TL	536	9593W	534	C33/8	303	C55M7	340	
970EB	104	9526P	540	9594	539	C33PF	303	C55M8	340	
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970Q	104	9527MUG	540	9595C	540	C35/7G	304	C55MDO	341	
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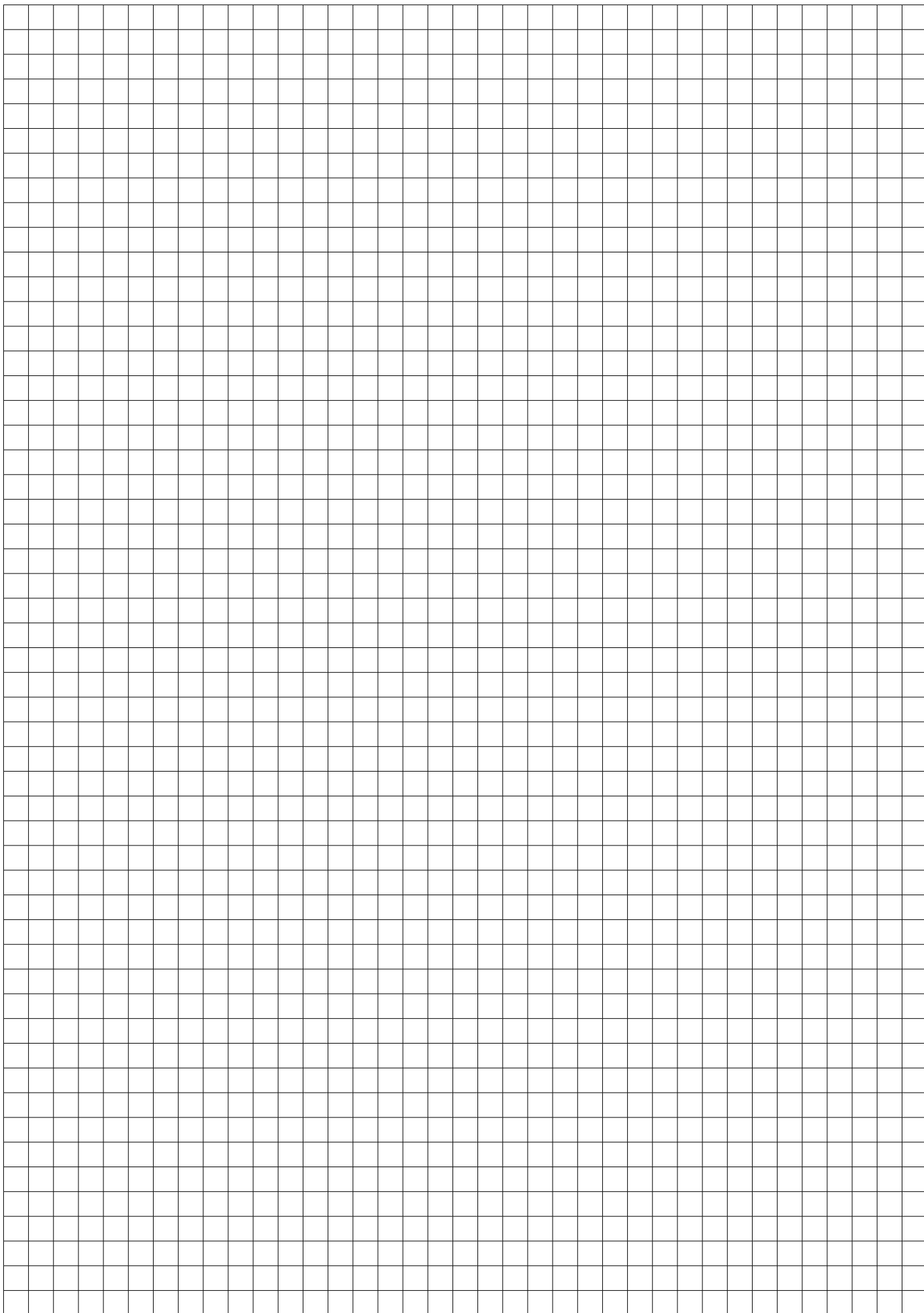
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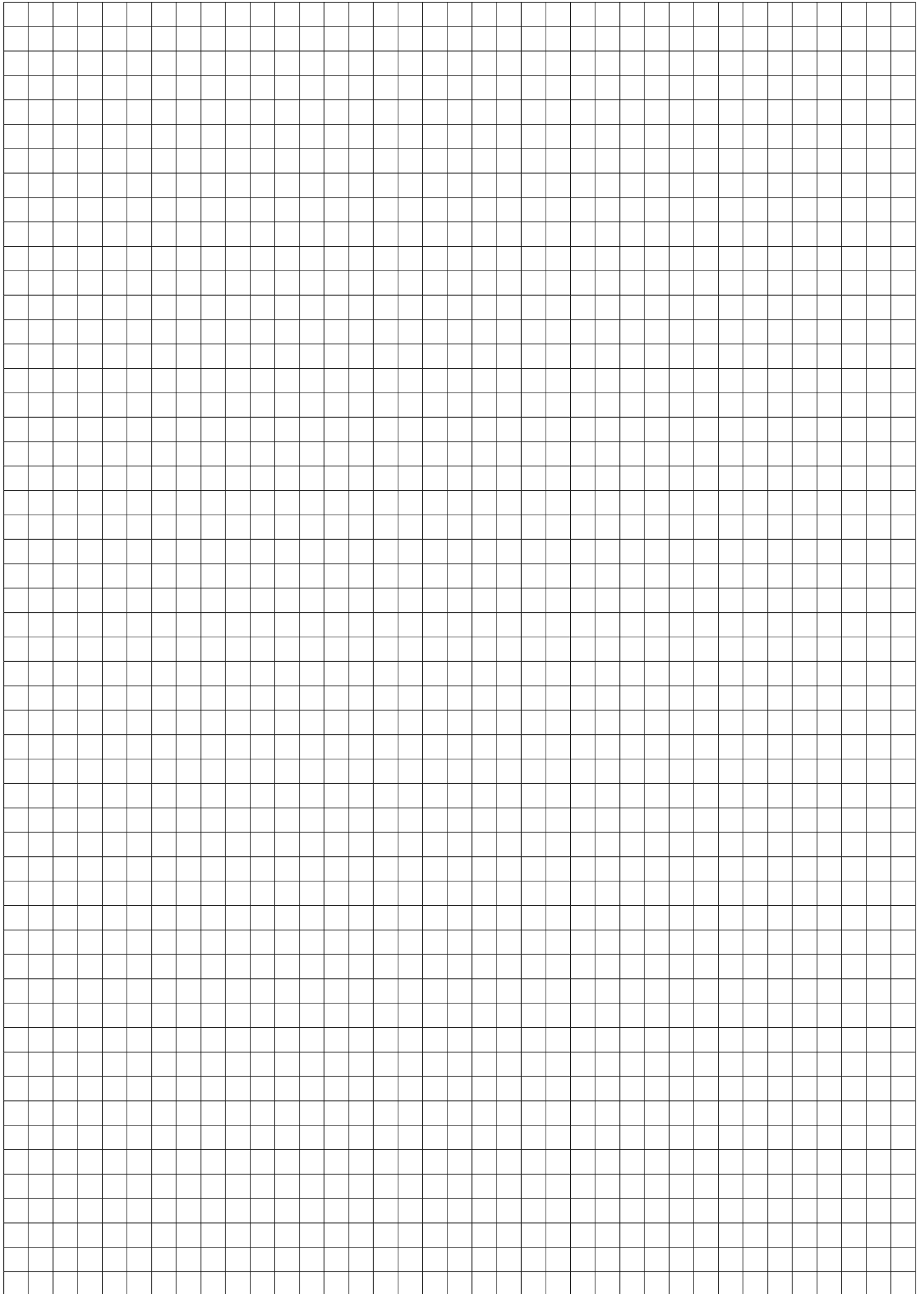
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C55PP	344	M55	415	M300	421	T59	424	T205	429		
C55PRO B/2	334	M60	415	M310	421	T63	424	T206	429		
C55PRO B/2,8	335	M62	415	MB	433	T64	424	T207	429		
C55PS	343	M63	415	MB11	411	T65	424	T208	429		
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C55STR	349	M69	415	MB35	411	T73	424	T210	430		
C56	326	M75	415	MB36	411	T75	425	T212	430		
C56M	326	M77	416	MB44	412	T76	425	T215	430		
C56W	326	M79	416	MB45	412	T77	425	T220	430		
C57S C	323	M82	416	MB46	412	T79	425	T226	430		
C57S D	322	M83	416	MB47	412	T80	425	T227	430		
C57SA - 5700SA	322	M85	416	MB55	412	T81	425	T228	430		
C57SB - 5700SB	323	M86	416	MB56	412	T82	425	T231	430		
C57SP - 5700SP	324	M91	416	MB57	412	T83	425	T233	430		
C58M	327	M92	416	MB61	413	T85	425	T233	430		
C58M/PA	327	M94	416	MB62	413	T91	425	T234	430		
C58P	325	M96	416	MB63	413	T92	425	T236	430		
C59A	327	M100	417	MC10	410	T99	426	T239	430		
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C62EV/CP	498	M112	417	MC21	410	T102	426	T256	431		
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C68	452	M130	418	S55/8	434	T110	426	T273	431		
C68 G	452	M131	418	S55/12	434	T112	426	T281	431		
C88 R/1	452	M132	418	S96T/8	434	T113	426	T285	431		
C88SE	452	M135	418	S951/6	434	T121	426	T288	432		
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M45	414	M236	420	T52	424	T177	428				
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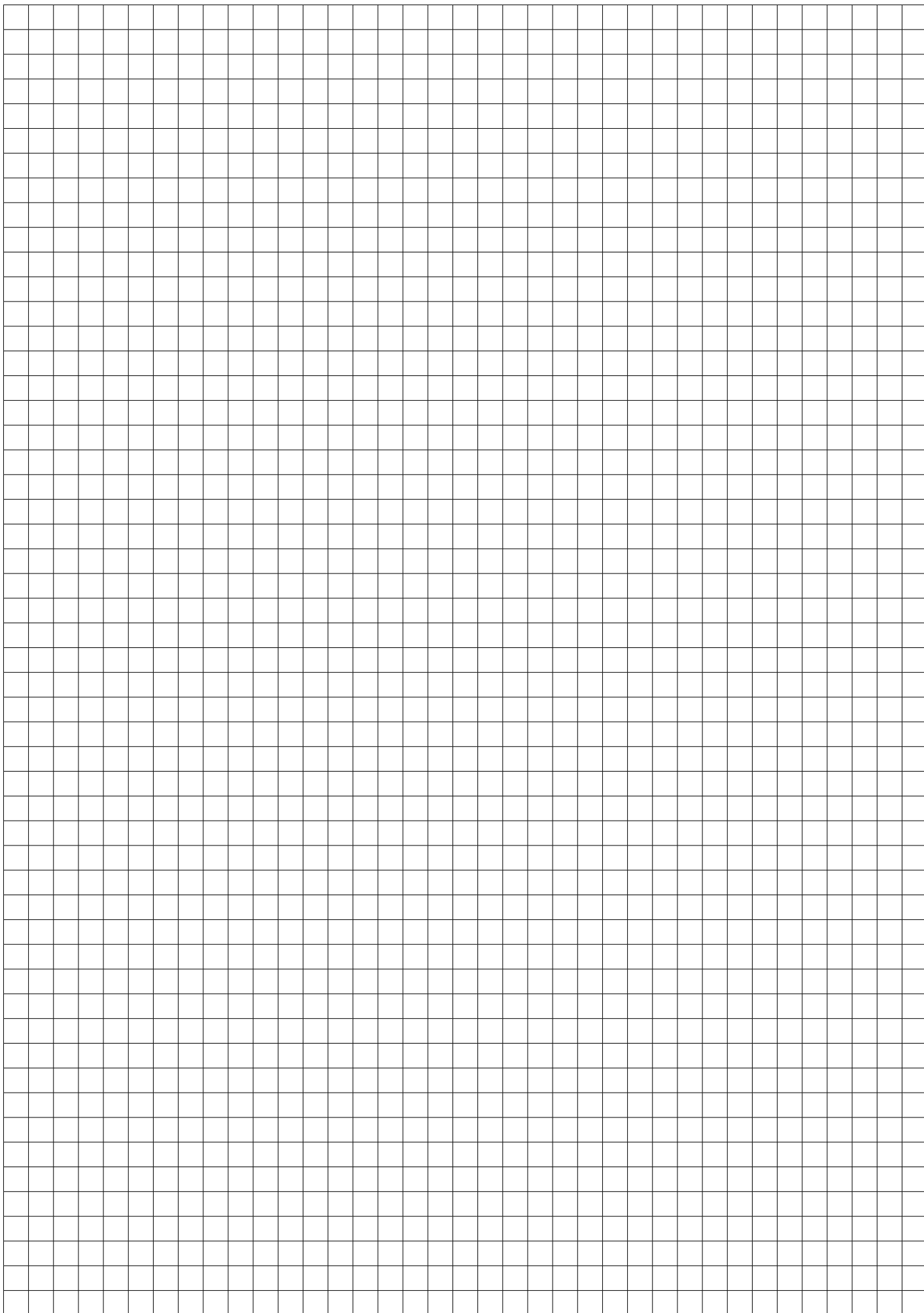


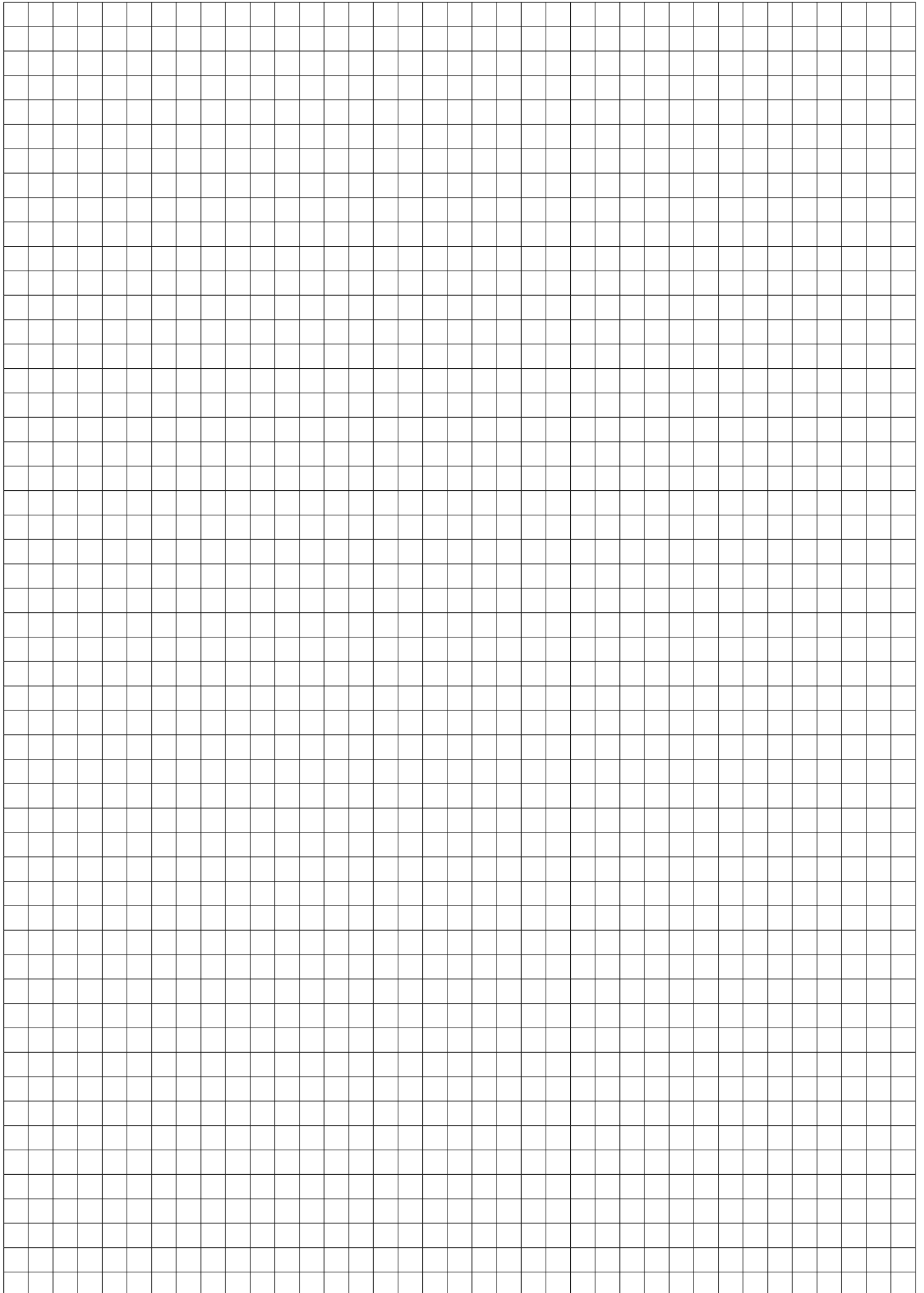


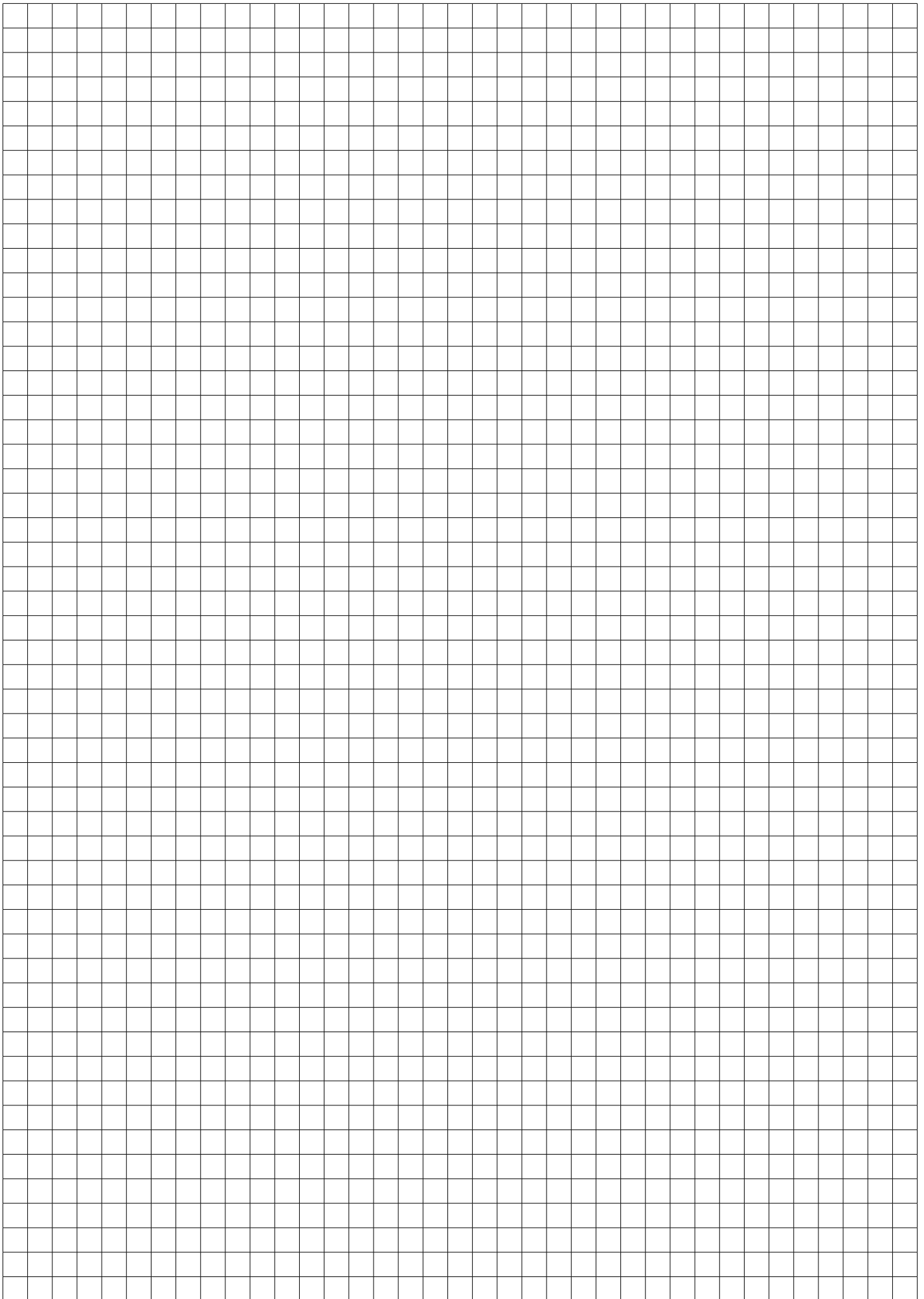


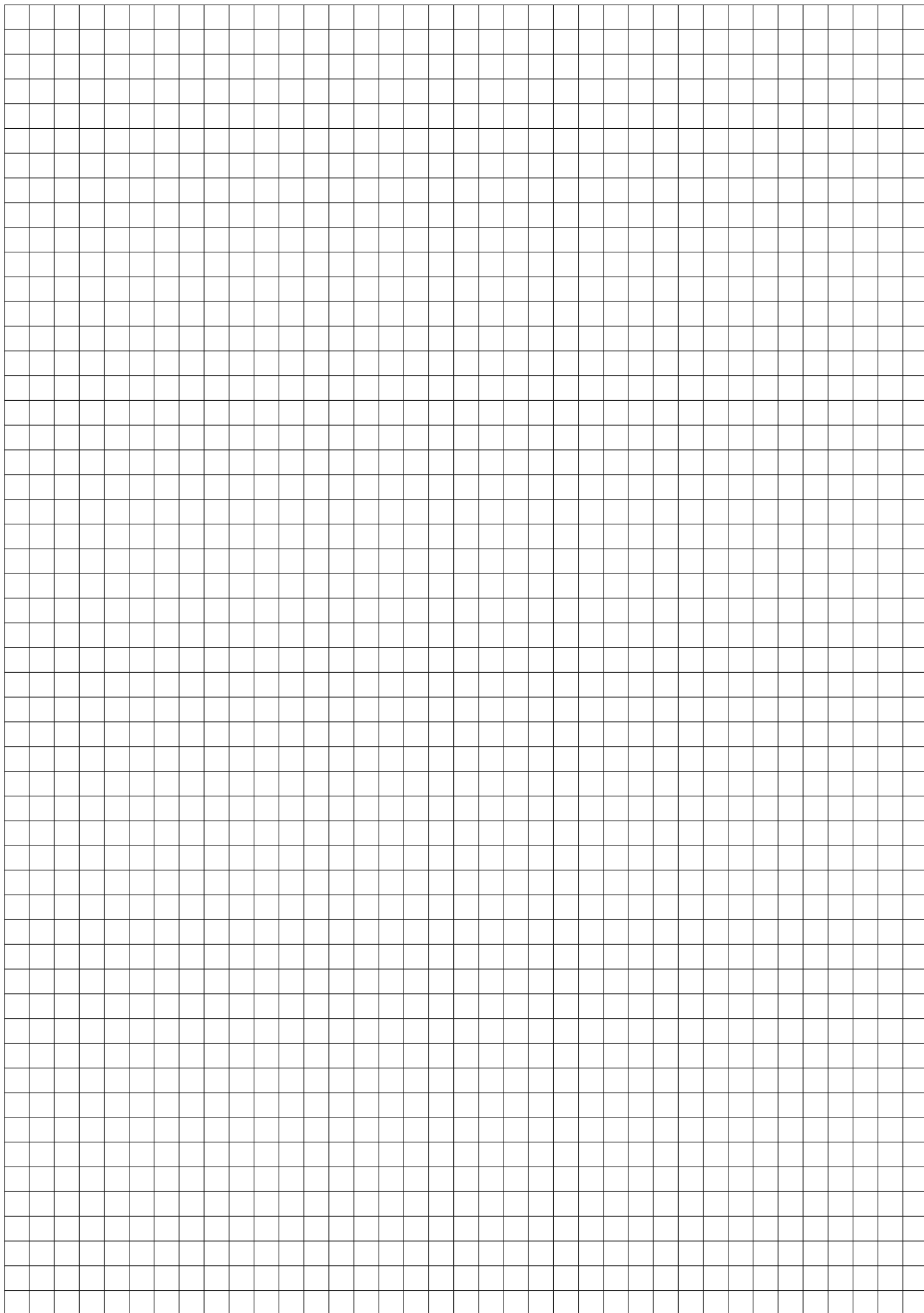












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