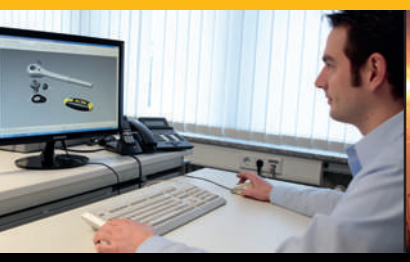
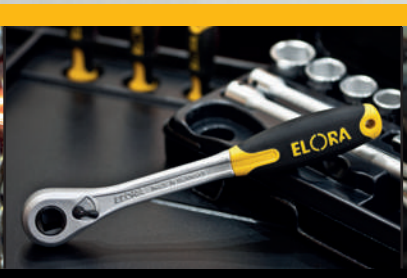
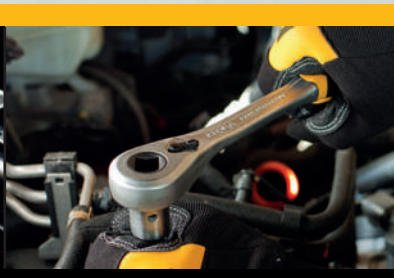






TOOL CATALOGUE

ELORA – ALL AROUND THE GLOBE

All round the globe, customers put their faith in ELORA, a key trade name from Germany. They appreciate the high quality standard of our products and our exemplary after-sales services.

You are sure to find one of our many approved dealers close to your location.

You won’t be disappointed.

Editor: ELORA Werkzeugfabrik GmbH, Remscheid, Germany © 2014

Dear customers
and business partners,

ELORA Werkzeugfabrik GmbH's success story began in 1924.

Today, the company is renowned for its user-friendly products and first-class services for all things to do with hand tools. The current range of products is the result of decades of experience and never-ceasing efforts to develop new products and improve existing ones to the benefit of our customers and their many applications. Functionality, durability and appealing designs are at the focus of our efforts. Our customers worldwide show their appreciation of our approach by remaining loyal, satisfied customers for many years.

The current ELORA tool catalogue E90, designed to be easy to read and use, provides an ideal basis for you to make up your own mind as to the broad range of ELORA tools.

As a customer and friend of ELORA tools you can look forward to the highest level of commitment and the skilled involvement of all the ELORA employees.

This is our personal promise to you that you can gauge us by.

We look forward to responding to your specific needs.

Your

Andreas Rauch
Managing Partner

ELORA TOOLS ARE PREMIUM QUALITY TOOLS – THE PREFERRED CHOICE FOR CUSTOMERS AND USERS.

Hand tools made by ELORA are established worldwide. ELORA tools offer both skilled craftsmen and astute businessmen virtually everything they expect of high-quality products in this field.

Customers in many sectors of industry are supplied exclusively through authorised dealers. Those sectors include workshops, production facilities, heavy industry, the automotive industry and commercial power generation. Understandably, professionals in these industries are mainly interested in premium quality. At ELORA, we guarantee that quality, which is why, right from the development stage on, we place considerable emphasis on maximum functionality, ergonomics, durability and contemporary design.

In the production process, we exclusively use tried-and-tested, high-grade materials. In line with our traditions, all the tools are manufactured to the highest quality standards. The company is certified to DIN EN ISO 9001:2008. In addition, our products and services comply worldwide with recognised industrial and quality standards, such as VDE and ESD.

Finally, before our tools leave the factory, they are all subjected to strict quality inspection. Every single one. Should there ever be cause for one of the rare complaints, you can rest assured that ELORA's full warranty will take effect. After inspection by our staff, the tool will be either repaired or replaced – usually within a very short time.

Our dedicated, qualified contacts are also at your disposal for any other queries or comments you may have about our quality tools. ELORA's customer service team is ready to advise you on solving particular challenges in your field of work. As you would expect, we are keen to keep in contact even after you have purchased your ELORA tools from us.

Our sales staff consider after-sales customer services to be just that – services to benefit customers. You are welcome to try us, whether you have a question concerning maintenance, repair or sourcing spare parts.

The combination of professional advice, our uncomplicated order processing system and the state-of-the-art centralised warehouse enable us to process your orders quickly and efficiently and guarantee excellent availability, so you get the tools you order on-site as fast as possible. And this is backed by our attractive terms & conditions.

This does not mean, though, that we feel content to rest on our laurels. We are constantly working on improving our performance in all aspects of what we do. Our customers are an important part of this process as they contribute their ideas and expectations frankly and honestly. And those expectations are the yardstick by which we would like to be measured in the future.

90 JAHRE JUBILÄUM ELORA

90 years anniversary

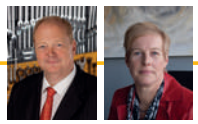
SIGNS OF THE TIMES

2014

2012

Signs of transition: modern exhibition appearance

1998



Family business in the third generation

1994

Removal to the administration building Am Blaffertsberg

1986

Management in the second generation

1968

Expansion of the production plant Schmiedestraße

1958

New construction of the branch factory Münk

1951

ELORA as active domestic and foreign exhibitor

1949

One of the first trucks after the years of war

1937

Always close to the customer: ELORA-van

1931

ELORA-employees of the first years

1928

First company building Birker Weg, Remscheid

1924

Business established by Erich Rauch sen.

ELORA's range of products is characterised by variety.

In total, we have 13 product families to provide customers with numerous opportunities for compiling their own sets of hand tools for their daily work.

Further details on the sub-families of tools can be found on the introductory pages at the beginning of each ELORA product family.

Whether you opt for a set from our range of carefully compiled suites of tools – you can rely on the fact that you will be buying tried-and-tested peak quality.

Page 10 ASSORTMENTS AND STORAGE UNITS

Page 62 SPANNERS AND WRENCHES

Page 114 SOCKETS AND ACCESSORIES

Page 188 IMPACT TOOLS

Page 224 TORQUE WRENCHES

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Page 272 ELECTRICIAN AND FINE MECHANICS TOOLS

Page 316 PLIERS

Page 358 STRIKING TOOLS

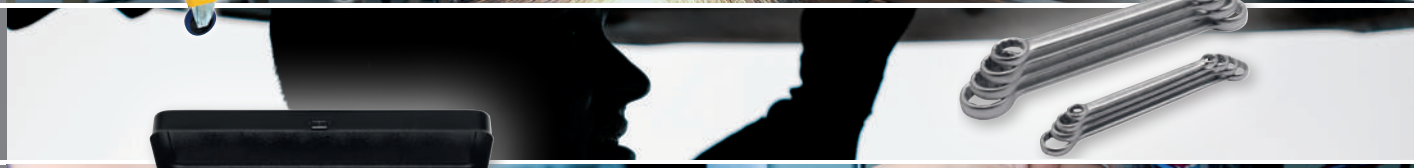
Page 386 PNEUMATIC TOOLS

Page 398 MEASURING AND CHECKING TOOLS

Page 418 AUTOMOTIVE AND SPECIAL TOOLS

Page 466 DIFFERENT TOOLS

01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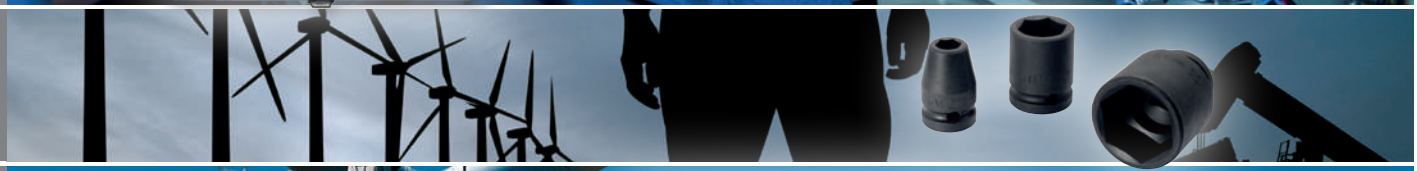
03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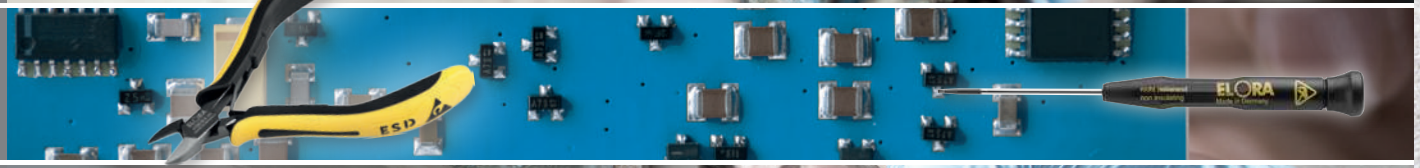
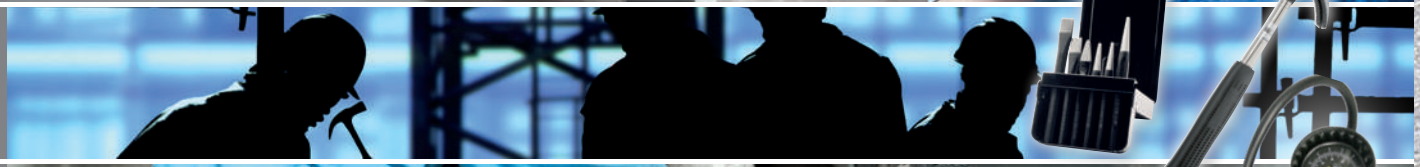
05

ELORA
ELORA
06


ESD
ELORA
07

ELORA
08


09

10

146 147 148 149
11

ELORA
12

13

ELORA

- sizes in mm
- sizes in AF
- sizes in BA
- sizes in Whitworth (WW)
- sizes in mm
- sizes in AF
- TORX® size corner to corner in mm
- sizes for slotted round nuts for hook spanners in mm
- sizes for capstan headed screws in mm
- sizes for round nuts with drilled holes in mm
- 6,3 / 1/4" drive
- 8 / 5/16" drive
- 10 / 3/8" drive
- 12,5 / 1/2" drive
- 20 / 3/4" drive
- 25 / 1" drive
- 40 / 1.1/2" drive
- 63 / 2.1/2" drive
- hexagon pattern
- bi-hexagon pattern
- male square
- female square
- thread diameter of spark plugs
- suitable for plain slotted screws
- suitable for cross slotted and Phillips Recess screws
- suitable for cross slotted and Supa-Pozidriv screws
- suitable for male hexagon screws
- suitable for safety made hexagon (tools with hole in tip)
- suitable for outside-TORX®-screws
- suitable for inside-TORX®-screws
- suitable for inside-TORX®-safety-screws (tools with hole in tip)
- suitable for B&S-XZN-screws
- suitable for RIBE®-CV-screws

- sizes of threads in mm
- edges, wire strippers
- with bevel
- without bevel
- fine bevel
- edges, e.g. flat pliers etc.
- edges, half round pliers
- edges, round pliers
- soft wire, tensile strength 220-250 N/mm²
- medium hard wire, tensile strength 750-800 N/mm²
- piano wire, tensile strength 2200-2300 N/mm²
- for internal retaining rings
- for external retaining rings
- weight of hammer heads
- length
- weight of each piece or set
- ring sides of spanners with wave profile
- stainless steel
- magnetic
- VDE tested, voltage with stand strenght up to 1000V
- approved safety

TORX®= reg. trademark of Acument Intellectual Properties, LLC. USA

RIBE® = reg. trademark of Richard Berger GmbH & Co. KG, Schwabach, Germany

ELORA
ToolJET
ELORA

01 ASSORTMENTS AND STORAGE UNITS

TOOL ASSORTMENTS	Page 12
ROLLER TOOL CABINETS, TOOL BOXES, ACCESSORIES	Page 28
TOOL MODULES	Page 41

01

WS-1M
TOOL ASSORTMENT

- suitable for Tool Cabinet ELORA-No. 1100L
- suitable for Roller Tool Cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for Tool Chest ELORA-No. 1221-LOT and 1226-LOT

Code	Number	Contents	Pieces	Weight/g
0000500101000	WS-1M	64 metric tools	1 assortment	8300

205-... — 1 pc. each
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 mm

770-LM... — 1 pc. each
10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm
12,5
1/2"

158R-1 — 1 pc. each
2; 2,5; 3; 4; 5; 6; 8; 10 mm

770-L1D
270 mm
12,5
1/2"

770-L3
300 mm
12,5
1/2"

770-L5/L6
125 mm
250 mm
12,5
1/2"
1 pc. each

770-L7
75 mm
12,5
1/2"

539-IS... — 1 pc. each
100, 125, 150

545-IS75

547-PH... — 1 pc. each
PH1
PH2
PH3

1665-300

266-K — 1 pc. each
262-125 mm
262-150 mm
263-125 mm
264-120×10×4 mm
264-120×12×4 mm
265-120×10mm

271-K — 1 pc. each
271-150×2 mm
271-150×3 mm
271-150×4 mm
271-150×5 mm
271-150×6 mm
271-150×8 mm

132-240

495-BI 165

246-2x200

247-2x200

248-2x200

WS-1A

TOOL ASSORTMENT

- suitable for Tool Cabinet ELORA-No. 1100L
- suitable for Roller Tool Cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for Tool Chest ELORA-No. 1221-LOT and 1226-LOT

Code	Number	Contents	Pieces	Weight/g
0000600101000	WS-1A	64 inch tools	1 assortment	8300

205-...
5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF
1 pc. each

770-LM...
3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF
1 pc. each
12,5
1/2"

158R-3
1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 AF
1 pc. each

770-L1D
270 mm
12,5
1/2"

770-L3
300 mm
12,5
1/2"

770-L5/L6
125 mm
250 mm
12,5
1/2"
1 pc. each

770-L7
75 mm
12,5
1/2"

539-IS...
100, 125, 150
1 pc. each

545-IS75

547-PH...
PH1
PH2
PH3
1 pc. each

1665-300

266-K
262-125 mm
262-150 mm
263-125 mm
264-120×10×4 mm
264-120×12×4 mm
265-120×10mm
1 pc. each

271-K
271-150×2 mm
271-150×3 mm
271-150×4 mm
271-150×5 mm
271-150×6 mm
271-150×8 mm
1 pc. each

132-240

495-BI165

246-2x200

247-2x200

248-2x200

WS-2M

TOOL ASSORTMENT

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000500201000	WS-2M	90 metric tools	1 assortment	15000

100-... (1 pc. each)
6×7, 8×9, 10×11, 12×13, 14×15,16×17, 18×19, 20×22, 24×27, 30×32 mm

110-... (1 pc. each)
6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 24×27, 30×32 mm

770-LM... (1 pc. each)
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm

12,5 | 1/2"

157-S11M (1 pc. each)
4, 4,5, 5, 5,5, 6, 6,5, 7, 7,5 mm

158-R1 (1 pc. each)
2; 2,5; 3; 4; 5; 6; 8; 10 mm

188-13M
0,05, 0,10, 0,15, 0,20, 0,25, 0,30, 0,40, 0,50, 0,60, 0,70, 0,80, 0,90, 1,00

770-L1D
270 mm

12,5 | 1/2"

770-L3
300 mm

12,5 | 1/2"

770-L5/L6 (1 pc. each)
125 mm
250 mm

12,5 | 1/2"

770-L7
75 mm

12,5 | 1/2"

222-16x20,8

545-IS...
75, 100, 125, 150, 200

547-PH... (1 pcs. each)
PH1
PH2
PH3

246-2x200

247-2x200

248-2x200

132-240

500-250

1665-500

470-BI 200

490-BI 165

495-BI 185

1660-32

251-45

60-8A

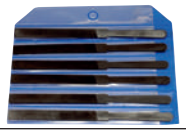
242KM-250
250 ml

165-500 (2 pcs.)

189

1542-3

249 S6



250-4

266-K (1 pc. each)
262-125 mm
262-150 mm
263-125 mm
264-120×10×4 mm
264-120×12×4 mm
265-120×10mm

WS-2A

TOOL ASSORTMENT

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000600201000	WS-2A	89 inch tools	1 assortment	14500

100A-... — 1 pc. each
1/4×5/16, 5/16×3/8, 3/8 ×7/16, 7/16×1/2, 1/2×9/16, 9/16×5/8, 5/8×11/16, 11/16×3/4, 3/4×7/8, 13/16×7/8, 15/16×1, 1.1/16×1.1/4 AF

110A-... — 1 pc. each
1/4×5/16, 3/8×7/16, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1, 1.1/16×1.1/4 AF

770-LA... — 1 pc. each
3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 25/32, 7/8, 15/16, 1, 1.1/8, 1.1/4 AF

12,5 1/2"

157-S11AF — 1 pc. each
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8 AF

158-R3 — 1 pc. each
1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 AF

188-13Z
.002, .003, .004, .005, .006, .008, .010, .012, .015, .020, .025, .030, 035

770-L1D
270 mm

12,5 1/2"

770-L3
300 mm

12,5 1/2"

770-L5/L6 — 1 pc. each
125 mm
250 mm

12,5 1/2"

770-L7
75 mm

12,5 1/2"

222-16x20,8

545-IS...
75, 100, 125, 150, 200

547-PH... — 1 pc. each
PH1
PH2
PH3

246-2x200

247-2x200

248-2x200

132-240

500-250

1665-500

470-BI200

490-BI 165

495-BI 185

1660-32

251-45

60-8A

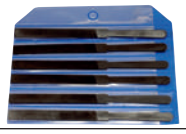
242KM-250
250 ml

165-500
2 pcs.

189

1542-3

249 S6



250-4

266-K — 1 pc. each
262-125 mm
262-150 mm
263-125 mm
264-120×10×4 mm
264-120×12×4 mm
265-120×10mm

WS-3M

TOOL ASSORTMENT

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000500301000	WS-3M	80 metric tools	1 assortment	17500

100-... — 1 pc. each
6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27, 25×28, 30×32 mm

110-... — 1 pc. each
6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27, 25×28, 30×32 mm

205-... — 1 pc. each
8, 9, 10, 11, 13, 17, 19, 22 mm

770-LM... — 1 pc. each
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm

12,5 | 1/2"

770-L1D
270 mm

12,5 | 1/2"

770-L3
300 mm

12,5 | 1/2"

770-L5/L6 — 1 pc. each
125 mm
250 mm

12,5 | 1/2"

770-L7
75 mm

12,5 | 1/2"

222-16x20,8

165-500
2 pcs.

60-8A

60-10A

132-240

470-BI 200

490-BI 165

495-BI 185

473-J2

IN

473-J21

IN

539-IS... — 1 pc. each
100, 125, 150, 200

545-IS... — 1 pc. each
75, 150

547-PH... — 1 pc. each
PH1
PH2

260-150

261-150

265-10

264-... — 1 pc. each
264-120×10×2 mm
264-120×10×3 mm
264-120×12×4 mm
264-120×12×5 mm
264-120×12×6 mm

1665-500

246-2x200

247-2x200

248-2x200

189

WS-3A

TOOL ASSORTMENT

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000600301000	WS-3A	79 inch tools	1 assortment	17300

100A-... — 1 pc. each
1/4×5/16, 5/16×3/8, 3/8 ×7/16, 7/16×1/2, 1/2×9/16, 9/16×5/8, 5/8×11/16, 11/16×3/4, 3/4×7/8, 13/16×7/8, 15/16×1, 1.1/16×1.1/4 AF

110A-... — 1 pc. each
1/4×5/16, 5/16×3/8, 3/8×7/16, 7/16×1/2, 1/2×9/16, 9/16×5/8, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1, 1×1.1/8, 1.1/16×1.1/4 AF

205A-... — 1 pc. each
5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF

770-LA... — 1 pc. each
3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF

12,5 | 1/2"

770-L1D — 270 mm

12,5 | 1/2"

770-L3 — 300 mm

12,5 | 1/2"

770-L5/L6 — 1 pc. each
125 mm
250 mm

12,5 | 1/2"

770-L7 — 75 mm

12,5 | 1/2"

222-16x20,8

165-500 — 2 pcs.

60-8A

60-10A

132-240

470-BI 200

490-BI 165

495-BI 185

473-J2

IN

473-J21

IN

539-IS... — 1 pc. each
100, 125, 150, 200

545-IS... — 1 pc. each
75, 150

547-PH... — 1 pc. each
PH1
PH2

260-150

261-150

265-10

264-... — 1 pc. each
264-120×10×2 mm
264-120×10×3 mm
264-120×12×4 mm
264-120×12×5 mm
264-120×12×6 mm

1665-500

246-2x200

247-2x200

248-2x200

189

WS-4M

TOOL ASSORTMENT "MECHATRONIC"

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley case ELORA-No. 1381-L

Code	Number	Contents	Pieces	Weight/g
0000500401101	WS-4M	131 metric tools	1 assortment	22800

205-... 1 pc. each	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	
1455-M... 1 pc. each	4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 13 mm	6,3 1/4"
770-LM... 1 pc. each	10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	12,5 1/2"
159-... 1 pc. each	1,5, 2, 2,5, 3, 4, 5, 6, 8, 10, 12 mm	
1450-1D	145 mm	6,3 1/4"
1450-4	270 mm	6,3 1/4"
1450-5	100 mm	6,3 1/4"
1450-8	45 mm	6,3 1/4"
1450-3	150 mm	6,3 1/4"
1450-16	25 mm	6,3 1/4"
770-L1D	270 mm	12,5 1/2"
770-L3	300 mm	12,5 1/2"
770-L5/L6 1 pc. each	125 mm 250 mm	12,5 1/2"
770-L7	75 mm	12,5 1/2"
1080		
1513		
1591		
1543-3		
242KM-125	125 ml	

466A-16,0		
930-205		GS DVE 1000 V
960-185		GS DVE 1000 V
950-160		GS DVE 1000 V
900IS-... 1 pc. each	108, 12508	GS DVE 1000 V
910PH-... 1 pc. each	PH1 PH2	GS DVE 1000 V
564N		GS DVE 1000 V
561		GS
600-IS...	1,2 x 60, 1,5 x 60 2,0 x 60	
610-PH...	00 x 60 0 x 60	
4680-MH E		
4550-F E		
262-150		
265-10		
271-... 1 pc. each	3,0, 5,0	
246-2x200		
207-2x200		
248-2x200		
189		
1665-500		
1690-30		
3436-S36	Bit-Box 36 pcs.	

WS-4A

TOOL ASSORTMENT "MECHATRONIC"

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley case ELORA-No. 1381-L

Code	Number	Contents	Pieces	Weight/g
0000600401101	WS-4A	128 inch tools	1 assortment	22800

205A-... 1 pc. each	1/4, 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, 1.1/4 AF	
1455-A... 1 pc. each	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 AF	6,3 1/4"
770-LM... 1 pc. each	3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF	12,5 1/2"
159A-... 1 pc. each	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8 AF	
1450-1D	145 mm	6,3 1/4"
1450-4	270 mm	6,3 1/4"
1450-5	100 mm	6,3 1/4"
1450-8	45 mm	6,3 1/4"
1450-3	150 mm	6,3 1/4"
1450-16	25 mm	6,3 1/4"
770-L1D	270 mm	12,5 1/2"
770-L3	300 mm	12,5 1/2"
770-L5/L6 1 pc. each	125 mm 250 mm	12,5 1/2"
770-L7	75 mm	12,5 1/2"
1080		
1513		
1591		
1543-3		
242KM-125	125 ml	

466A-16,0		
930-205		
960-185		
950-160		
900IS-... 1 pc. each	108, 12508	
910PH-... 1 pc. each	PH1 PH2	
564N		
561		
600-IS...	1,2 x 60, 1,5 x 60 2,0 x 60	
610-PH...	00 x 60 0 x 60	
4680-MH E		
4550-F E		
262-150		
265-10		
271-... 1 pc. each	3,0, 5,0	
246-2x200		
207-2x200		
248-2x200		
189		
1665-500		
1690-30		
3436-S36	Bit-Box 36 pcs.	

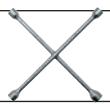
WS-5M

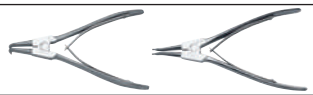
TOOL ASSORTMENT

➤ suitable for tool cabinet ELORA-No. 1100L

➤ suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT

Code	Number	Contents	Pieces	Weight/g
0000500501100	WS-5M	146 metric tools	1 assortment	28600

100-... 1 pc. each	6×7; 8×9; 10×11; 12×13; 14×15; 16×17; 18×19; 20×22; 21x23; 24×27; 25x28; 30×32 mm	
110-... 1 pc. each	6×7; 8×9; 10×11; 12×13; 14×15; 16×17; 18×19; 20×22; 21x23; 24×27; 25x28; 30×32 mm	
205-... 1 pc. each	8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm	
770-LM... 1 pc. each	10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 23; 24; 25; 26; 27; 30; 32 mm	12,5 1/2"
1455-M... 1 pcs. each	4; 4,5; 5; 5,5; 6; 7; 8; 9; 10; 11; 13 mm	6,3 1/4"
157-11M 1 pc. each	4; 4,5; 5; 5,5; 6; 6,5; 7; 7,5 mm	
158R-1 1 pc. each	2; 2,5; 3; 4; 5; 6; 8; 10 mm	
188-13M 1 pc. each	0,05; 0,10; 0,15; 0,20; 0,25; 0,30; 0,40; 0,50; 0,60; 0,70;0,80; 0,90; 1,00	
770-L1D	270 mm	12,5 1/2"
770-L2	300 mm	12,5 1/2"
770-L3	300 mm	12,5 1/2"
770-L5/L6 1 pc. each	125 mm 250 mm	12,5 1/2"
770-L7	75 mm	12,5 1/2"
1450-1D	145 mm	6,3 1/4"
1450-3	150 mm	6,3 1/4"
1450-4	270 mm	6,3 1/4"
1450-5	100 mm	6,3 1/4"
1450-8	270 mm	6,3 1/4"
222-16×20,8	16x20,8 mm	
165-500 2 pcs.	500 mm	
170-...	170-24x27 mm 170-32x38 mm	
171-500x18	500 mm	
195CV-17	17; 19; 22 mm; 11/16"AF	
60-... 1 pc. each	60-6A, 160mm / 6"; 60-8A, 210mm / 8"; 60-10A, 260mm /10"	
480-330	330 mm	
132-...	132-190 mm , 132-240 mm	
500-250	250 mm	

470-BI 200	200 mm	
471-45BI 200	200 mm	
485-BI 165	165 mm	
490-BI 165	165 mm	
495-BI 185	185 mm	
473-J2	180 mm	IN
473-J21	165 mm	IN
474-... 1 pc. each	A2 A21	 OUT
242KM-250	250 ccm	
539-IS... 1 pc. each	IS 100; 150	
545-IS... 1 pc. each	IS 60; 100; 150	
543-IS 60		
555-PH1		
547-PH... 1 pc. each	547-PH 1; PH 2	
260 1 pc. each	260-150 mm; 260-200 mm	
261-150	150 mm	
264-... 1 pc. each	264-120×10×3; 120×12×4 ; 120×12×5; 120×12×6 mm	
265-10	120x10 mm	
189	420 mm	
1665-300	300 g	
1665-35		
266-K	262-125 mm, 262-150 mm 263-125 mm, 264-120×10×4 mm 264-120×12×4 mm, 265-120×10mm	
246-1×200	200 mm/8"	
247-2×200	200 mm/8"	
248-2×200	200 mm/8"	
352-S6 1 set	screw extractor set 350-6; 8; 11; 14; 18; 24	

WS-5A

TOOL ASSORTMENT

➤ suitable for tool cabinet ELORA-No. 1100L

➤ suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT

Code	Number	Contents	Pieces	Weight/g
0000600501100	WS-5A	151 inch tools	1 assortment	28200

100A-... 1 pc. each	1/4×5/16; 5/16×3/8; 3/8 ×7/16; 7/16×1/2; 1/2×9/16; 9/16×5/8; 5/8×11/16; 11/16×3/4; 3/4×7/8; 13/16×7/8; 15/16×1; 1.1/16×1.1/4 AF	
110A-... 1 pc. each	1/4×5/16; 5/16×3/8; 3/8×7/16; 7/16×1/2; 1/2×9/16; 9/16×5/8; 5/8×11/16; 3/4×25/32; 13/16×7/8; 15/16×1; 1×1.1/8; 1.1/16×1.1/4 AF	
205A-... 1 pc. each	5/16; 3/8; 7/16; 1/2; 9/16; 9/32; 5/8; 11/16; 3/4; 1/4; 13/16; 7/8; 15/16; 1; 1.1/16; 1.1/8; 1.1/4 AF	
770-LA... 1 pc. each	3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 31/32; 1; 1.1/16; 1.1/8; 1.3/16; 1.1/4 AF	12,5 1/2"
1455-A... 1 pc. each	3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2 AF	6,3 1/4"
157-11A 1 pc. each	3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16AF	
158R-3 1 pc. each	1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4 AF	
188-13Z 1 pc. each	.002; .003; .004; .005; .006; .008; .010; .012; .015; .020; .025;.030; 035	
770-L1D	270 mm	12,5 1/2"
770-L2	300 mm	12,5 1/2"
770-L3	300 mm	12,5 1/2"
770-L5/L6 1 pc. each	125 mm 250 mm	12,5 1/2"
770-L7	75 mm	12,5 1/2"
1450-1D	145 mm	6,3 1/4"
1450-3	150 mm	6,3 1/4"
1450-4	270 mm	6,3 1/4"
1450-5	100 mm	6,3 1/4"
1450-8	270 mm	6,3 1/4"
222-16×20,8	16x20,8 mm	
165-500 2 pcs.	500 mm	
170-...	170-24x27 mm 170-32x38 mm	
171-500x18	500 mm	
195CV-17	17; 19; 22 mm; 11/16"AF	
60-... 1 pc. each	60-6A, 160mm / 6"; 60-8A, 210mm / 8"; 60-10A, 260mm /10"	
480-330	330 mm	
132-...	132-190 mm , 132-240 mm	
500-250	250 mm	

470-BI 200	200 mm	
471-45-BI 200	200 mm	
485-BI 165	165 mm	
490-BI 165	165 mm	
495-BI 185	185 mm	
473-J2	180 mm	IN
473-J21	165 mm	IN
474-... 1 pc. each	A2 A21	OUT
242KM-250	250 ccm	
539-IS... 1 pc. each	IS 100; 150	
545-IS... 1 pc. each	IS 60; 100; 150	
543-IS 60		
555-PH1		
547-PH... 1 pc. each	547-PH 1; PH 2	
260 1 pc. each	260-150 mm; 260-200 mm	
261-150	150 mm	
264-... 1 pc. each	264-120×10×3; 120×12×4 ; 120×12×5; 120×12×6 mm	
265-10	120x10 mm	
189	420 mm	
1665-300	300 g	
1665-35		
266-K	262-125 mm, 262-150 mm 263-125 mm, 264-120×10×4 mm 264-120×12×4 mm, 265-120×10mm	
246-1×200	200 mm/8"	
247-2×200	200 mm/8"	
248-2×200	200 mm/8"	
352-S6 1 set	screw extractor set 350-6; 8; 11; 14; 18; 24	

WS-6M

TOOL ASSORTMENT

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley Case ELORA-No. 1381-L
- suitable for installation tool bag ELORA-No. 1385-L

Code	Number	Contents	Pieces	Weight/g
0000500601000	WS-6M	85 metric tools	1 assortment	7800

146-... 1 pc. each
4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17 mm

113-... 1 pc. each
4×4,5, 5×5,5, 6×7, 8×9, 10×11 mm

1455-M... 1 pc. each
4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
6,3 | 1/4"

158-R1 1 pc. each
2; 2,5; 3; 4; 5; 6; 8; 10 mm

216-... 1 pc. each
4, 4,5, 5, 5,5, 6, 7, 8, 9, 10 mm

1450-1D
145 mm
6,3 | 1/4"

1450-3
150 mm
6,3 | 1/4"

1450-4
270 mm
6,3 | 1/4"

1450-5
100 mm
6,3 | 1/4"

1450-8
45 mm
6,3 | 1/4"

131BI-240

476-BI... 1 pc. each
145
170

477-BI... 1 pc. each
145
170

490-BI 165

494-BI 160

495-BI 165

900IS-... 1 pc. each
75, 100, 7506, 108, 12510

910PH-... 1 pc. each
PH0
PH1
PH2

242K-60
60 ml

237-500

1665-100

566-150

1591-250

257A

740-... 1 pc. each
4,0
5,5
8,0

730-... 1 pc. each
1 + 3

271-... 1 pc. each
2, 3, 4, 5

WS-9M

TOOL ASSORTMENT

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley Case ELORA-No. 1381-L
- suitable for Installation tool bag ELORA-No. 1385-L
- suitable for cantilever tool box ELORA-Nr. 800-L, 810-L, 803-L, 813-L

Code	Number	Contents	Pieces	Weight/g
0000500901000	WS-9M	48 metric tools	1 assortment	5300

203-... 6, 7, 8, 10, 13, 15, 17, 19 mm

1 pc. each

159-S-KK-1 2,5, 3, 4, 5, 6, 8 mm

1 pc. each

770-LM... 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22

1 pc. each

12,5 | 1/2"

251

561

586

132-240

1665-200

260-150

265-10

271-4

321-180

470-BI200

490-BI 165

495-BI 185

545-IS... 75, 100, 125, 150

1 pc. each

547-... PH1 PH2

1 pc. each

770-L1D 270 mm

12,5 | 1/2"

770-L3 300 mm

12,5 | 1/2"

770-L6 250 mm

12,5 | 1/2"

771-LTZ 20,8

12,5 | 1/2"

WS-8M

PLUMBING TOOL SET

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool Box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley case ELORA-No. 1381-L
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000500811001	WS-8M	59 metric tools	1 assortment	15000

121-... — 1 pc. each
8x10, 9x11, 12x14, 13x15, 14x16, 17x19, 21x23, 22x24 mm

204-... — 1 pc. each
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm

159-... — 1 pc. each
1,5, 2, 2,5, 3, 4, 5, 6, 8, 10, 12 mm

770-L1ZI
250

12,5 | 1/2"

539-IS... — 1 pc. each
100, 125, 150

559-PH... — 1 pc. each
PH1
PH2

468-BI

470-BI 165

60-12MB

68SN-1.1/2

132-240

301-250

181

138

137

1665-500

65-2

179-16

180-35

64

182-42

365-200x8x10

362-250

283HS

1544H

561

189P

281-90

1672-1250

484R-260

139-100

WS-8A

PLUMBING TOOL SET

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool Box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley case ELORA-No. 1381-L
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000600811001	WS-8A	57 inch tools	1 assortment	15000

121-... — 1 pc. each
5/16x3/8, 7/16x1/2, 9/16x5/8, 5/8x3/4, 3/4x7/8, 1x1.1/8 AF

204A-... — 1 pc. each
5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF

159A-...
1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8 AF

770-L1ZI
250

12,5 | 1/2"

539-IS... — 1 pc. each
100, 125, 150

559-PH... — 1 pc. each
PH1
PH2

468-BI

470-BI 165

60-12MB

68SN-1.1/2

132-240

301-250

181

138

137

1665-500

65-2

179-16

180-35

64

182-42

365-200x8x10

362-250

283HS

1544H

561

189P

281-90

1672-1250

484R-260

139-100

WS-10M

ELECTRICIAN TOOL SET

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley case ELORA-No. 1381-L
- suitable for installation tool bag ELORA-No. 1385-L
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000501101001	WS-10M	75 metric tools	1 assortment	5800

100-... 1 pc. each	14×17, 18×19, 21×23, 22×24	
146-... 1 pc. each	4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 12, 13 mm	
159-... 1 pc. each	1,5, 2, 2,5, 3, 4, 5, 6, 8, 10, 12 mm	
1455-M... 1 pc. each	4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 13 mm 6,3 1/4"	
1450-1D	145 mm 6,3 1/4"	
1450-4	270 mm 6,3 1/4"	
1450-5	100 mm 6,3 1/4"	
1450-8	45 mm 6,3 1/4"	
1450-3	150 mm 6,3 1/4"	
543-IS 60		
555-PH1		
549-PZ... 1 pc. each	PZ1 PZ2	
730-1		
740-... 1 pc. each	5,5 8,0	
910PH-... 1 pc. each	PH1 PH2	
900IS-... 1 pc. each	106, 108, 12508, 150	
563		

960-185		
930-165		
920-165		
935-45		
970-160		
61-MB 10		
260-175		
264-... 1 pc. each	264-120×10×2 mm 264-120×10×4 mm	
265-10		
365-250x10x15		
1665-300		
132-240		
257-50		
257-S	saw blade, universal	
746		
1591-250		
281		
1543-3		
498-1		

WS-10A

ELECTRICIAN TOOL SET

- suitable for tool cabinet ELORA-No. 1100L
- suitable for roller tool cabinet Buddy ELORA-No. 1210-LOT, Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- suitable for tool chest ELORA-No. 1221-LOT and 1226-LOT
- suitable for cantilever tool box ELORA-Nr. 810-L
- suitable for hard protective case ELORA-No. 1380-L and hard protective trolley case ELORA-No. 1381-L
- suitable for installation tool bag ELORA-No. 1385-L
- suitable for cantilever tool box ELORA-Nr. 810-L

Code	Number	Contents	Pieces	Weight/g
0000601101001	WS-10A	77 inch tools	1 assortment	5800

100A-... 1 pc. each	9/16x5/8, 11/16x3/4, 13/16x7/8, 15/16x1 AF	
146A-... 1 pc. each	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32,3/8, 13/32, 7/16, 1/2, 9/16, 5/8 AF	
159A-... 1 pc. each	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8 AF	
1455-A... 1 pc. each	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8 , 7/16, 1/2 AF	6,3 1/4"
1450-1D	145 mm	6,3 1/4"
1450-4	270 mm	6,3 1/4"
1450-5	100 mm	6,3 1/4"
1450-8	45 mm	6,3 1/4"
1450-3	150 mm	6,3 1/4"
543-IS 60		
555-PH1		
549-PZ... 1 pc. each	PZ1 PZ2	
730-1		
740-... 1 pc. each	5,5 8,0	
910PH-... 1 pc. each	PH1 PH2	
900IS-... 1 pc. each	106, 108, 12508, 150	
563		

960-185		
930-165		
920-165		
935-45		
970-160		
61-MB 10		
260-175		
264-... 1 pc. each	264-120×10×2 mm 264-120×10×4 mm	
265-10		
365-250x10x15		
1665-300		
132-240		
257-50		
257-S	saw blade, universal	
746		
1591-250		
281		
1543-3		
498-1		

01

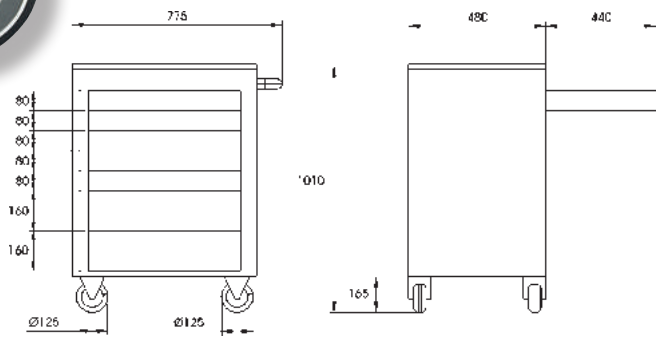
1210-LOT

ROLLER TOOL CABINET BUDDY

- 7 drawers
- solid metal sheet pattern, corrosion- and scratch-resistant powder-coating
- shelf space on the top made of ABS plastic with 5 storage compartments for small parts and rim on all sides
- solid handlebar, mounting possible on both sides
- up to 6 different accessories mountable in the recessed side wall e.g. storage foldable tray for small parts ELORA No. 1210-ES, screwdriver tray for 8 screwdrivers ELORA No. 1210-SD
- 2 can holder are included
- central locking system with 2 keys
- loading capacity of each drawer 20 kg respectively 30 kg for the two lower drawers
- each drawer has a safety locking system and is 100% extractable
- drawer with ball bearing guide rails
- drawer internal measurements W 570 x D 410 mm
- drawers ELORA-black powder-coated
- can be Individually equipped with ELORA OMS modules
- total loading capacity 300 kg
- broad gauge running gear with 4 Ø 125 mm full rubber, smooth running casters, 2 swivel castors with double break function (tangential and axial)
- delivery without tools and accessories

1210-LROT

1210-LBOT



Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	suitable assortments	Pieces	Weight/g
1210000006000	1210-LOT	1010	710	470	300	WS-1 to 10	1	47000
1210000016000	1210-LROT	1010	710	470	300	WS-1 to 10	1	47000
1210000026000	1210-LBOT	1010	710	470	300	WS-1 to 10	1	47000

1210-...

ACCESSORIES ROLLER TOOL CABINET BUDDY

- for ELORA roller tool cabinet Buddy; ELORA-No. 1210-LOT
- up to 6 different accessories mountable in the recessed side wall e.g. storage foldable tray for small parts ELORA No. 1210-ES, screwdriver tray for 8 screwdrivers ELORA No. 1210-SD
- the wooden panel ELORA No. 1210-PL fits exactly onto the ABS-storage shelf and make it a plane working surface

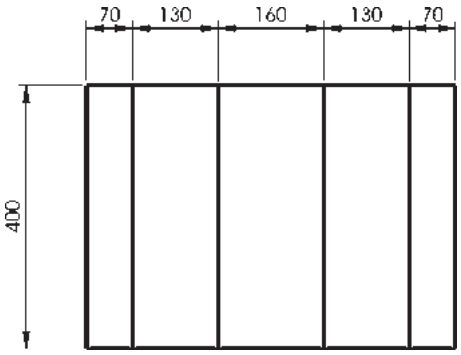
Code	Number	Productinformation	Pieces	Weight/g
1210800001001	1210-ES	Foldable Tray	1	550
1210800001002	1210-SD	Screwdriver Tray	1	410
1210800001003	1210-PL	Wooden Panel	1	4000

1210-ET...

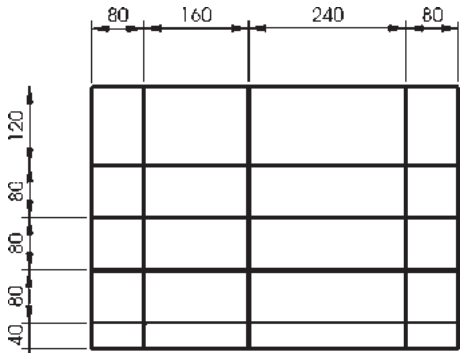
DRAWER SEPERATOR FOR ROLLER TOOL CABINET BUDDY

- for division of the drawers
- metal sheet

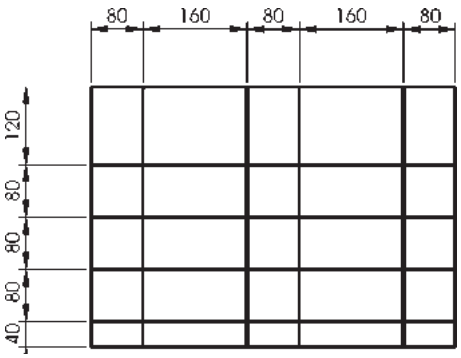
1210-ET 6



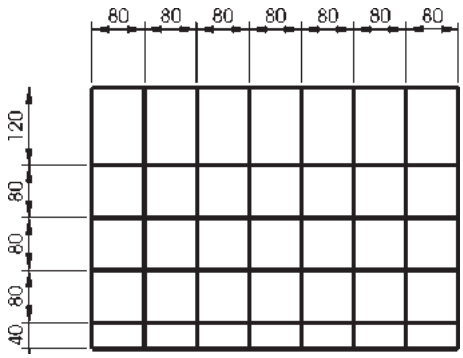
1210-ET 7



1210-ET 8



1210-ET 10

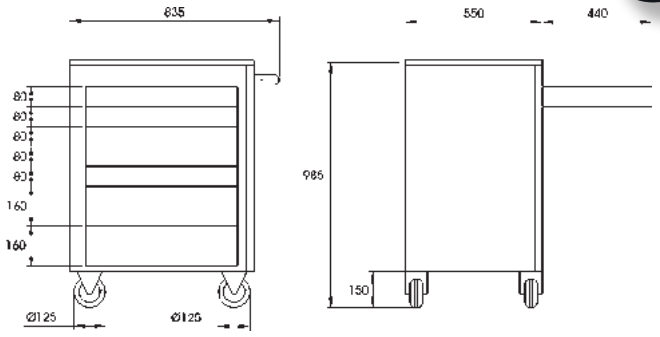


Code	Number	Productinformation	Height mm	Pieces	Weight/g
1210800061000	1210-ET 6	6 pcs.	50	1	1108
1210800071000	1210-ET 7	7 pcs.	50	1	1086
1210800081000	1210-ET 8	8 pcs.	50	1	1212
1210800101000	1210-ET 10	10 pcs.	50	1	1566

1220-LOT

ROLLER TOOL CABINET SUPER CADDY

- 7 drawers
- solid metal sheet pattern, ELORA-yellow (RAL 1006)
- corrosion- and scratch-resistant powder-coating
- shelf space on the top made of ABS plastic with 3 storage compartments for small parts, holes for 4 screwdrivers and 3 cans, rim on all sides
- 200 kg shelf load capacity due to strengthened top cover
- solid handlebar, mounting possible on both sides
- sides and back panel with Euro-Perforation 10 x 38 mm (hole square 10 x 10 mm, hole centre-hole centre 38 x38 mm) for mounting accessory hooks, trays, waste basket, can holder, paper roll holder, cable drum
- central locking system with cylinder lock and 2 keys
- loading capacity of each drawer 40 kg
- each drawer has a safety locking system and is 100% extractable
- drawer with ball bearing guide rails
- drawer internal measurements W 573 x D 410 mm
- drawers ELORA-black powder-coated (RAL 9005)
- can be individually divided with separators or equipped with ELORA-OMS modules
- total loading capacity 300 kg
- broad gauge running gear with 4 Ø 125 mm full rubber, smooth running castors, 2 swivel castors with double break function (tangential and axial)
- expandable with tool chest ELORA No. 1221-LOT, 1226-LOT and rear panel ELORA No. 1220-RW
- special colour and tray configuration on request
- delivery without tools and accessories

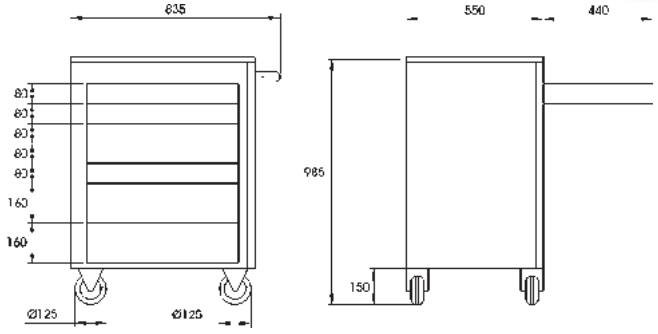


Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	suitable assortments	Pieces	Weight/g
1220000006000	1220-LOT	977	705	545	300	WS-1 to 10	1	78000

1225-LOT

ROLLER TOOL CABINET TOOLJET

- 7 drawers
- solid metal sheet pattern with solid sub construction, ELORA-yellow (RAL 1006)
- corrosion- and scratch-resistant powder-coating
- shelf space on the top made of ABS plastic with 3 storage compartments for small parts, holes for 4 screwdrivers and 3 cans, rim on all sides
- 200 kg shelf load capacity due to strengthened top cover
- solid ergonomic steel reinforced handlebar,mounting possible on both sides
- sides and recessed back panel with Euro-Perforation 10 x 38 mm (hole square 10 x 10 mm, hole centre-hole centre 38 x38 mm) for mounting accessory hooks, trays, waste basket, can holder, paper roll holder, cable drum
- central locking system with cylinder lock and individual drawer lock system (if one drawer is open it is not possible to open another one)
- loading capacity of each drawer 40 kg
- each drawer has a safety locking system and is 100% extractable
- drawer with ball bearing guide rails
- drawer internal measurements W 573 x D 410 mm
- drawers ELORA-black powder-coated (RAL 9005)
- can be individually divided with separators or equipped with ELORA-OMS modules
- total loading capacity 300 kg
- broad gauge running gear with 4 Ø 125 mm full rubber, smooth running castors, 2 swivel castors with double break function (tangential and axial)
- expandable with tool chest ELORA No. 1221-LOT, ELORA No. 1226-LOT and rear panel ELORA No. 1220-RW
- special colour and tray configuration on request
- delivery without tools and accessories

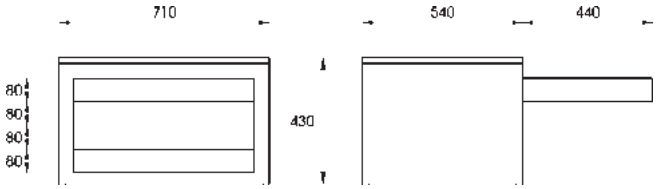


Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	suitable assortments	Pieces	Weight/g
1225000006000	1225-LOT	980	705	545	450	WS-1 to 10	1	82000

1221-LOT

TOOL CHEST

- 4 drawers
- suitable as top part for Super Caddy ELORA-No. 1220-LOT and ToolJET ELORA-No. 1225-LOT
- solid metal sheet pattern, ELORA-yellow (RAL 1006)
- corrosion- and scratch-resistant powder-coating
- shelf space on the top made of ABS plastic with 3 storage compartments for small parts, holes for 4 screwdrivers and 3 cans, rim on all sides
- 100 kg shelf load capacity
- central locking system with cylinder lock
- one embedded handle each side
- loading capacity of each drawer 35 kg
- each drawer has a safety locking system and is 100% extractable
- drawer with ball bearing guide rails
- drawer internal measurements W 573 x D 410 mm
- drawers ELORA-black coated (RAL 9005)
- each drawer can be individually divided alongside and across by separators or equipped with ELORA-OMS modules
- total loading capacity 50 kg

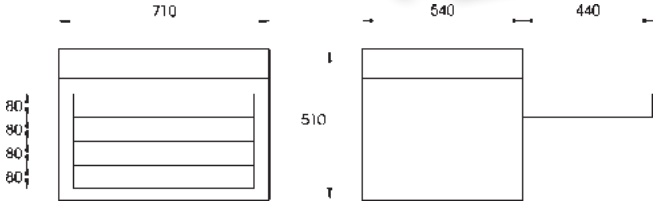


Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	suitable assortments	Pieces	Weight/g
1221000006000	1221-LOT	450	705	545	50	WS-1, 2, 3, 4, 6, 8, 9, 10	1	44000

1226-LOT

TOOL CHEST

- 4 drawers
- suitable as top part for ToolJET ELORA-No. 1225-LOT and Super Caddy ELORA-No. 1220-LOT
- solid metal sheet pattern, ELORA-yellow (RAL 1006)
- corrosion- and scratch-resistant powder-coating
- gas pressure springs for easy lid opening, document compartment
- 100 kg shelf load capacity
- central locking system with cylinder lock
- one embedded handle each side
- loading capacity of each drawer 35 kg
- each drawer has a safety locking system and is 100% extractable
- drawer with ball bearing guide rails
- drawer internal measurements W 573 x D 410 mm
- drawers ELORA-black coated (RAL 9005)
- each drawer can be individually divided alongside and across by separators or equipped with ELORA-OMS modules
- total loading capacity 50 kg



Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	suitable assortments	Pieces	Weight/g
1226000006000	1226-LOT	510	705	545	50	WS-1, 2, 3, 4, 6, 8, 9, 10	1	45000

1220-...

ACCESSORIES ROLLER TOOL CABINET SUPER CADDY, TOOLJET AND MOBILE WORKBENCH

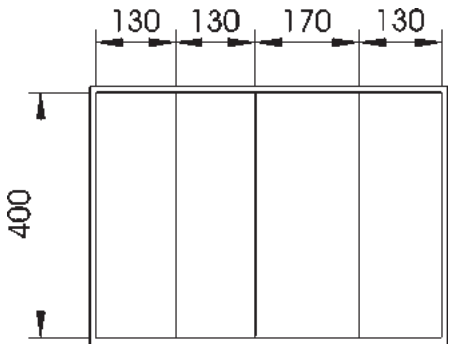
- Accessories roller tool cabinet Super CADDY, ELORA-No. 1220-LOT and ToolJET, ELORA-No. 1225-LOT and mobile work bench, ELORA-No. 1820-LOT
- at the side and rear panel of the roller tool cabinet accessories can be mounted by using the Euro-perforation 10 x 38 mm (square 10 x 10 mm, hole centre to hole centre 38 x 38 mm)

Code	Number	Productinformation	Dimensions WxHxD	Pieces	Weight/g
1220800016000	1220-PK	Waste Basket	300x300x250	1	2860
1220800026000	1220-PH	Paper Roll Holder	300x200x150	1	1430
1220800036000	1220-DH	Can Holder	300x200x150	1	2110
1220802206000	1220-AS220	Tray	220x60x80	1	540
1220803006000	1220-AS300	Tray	300x60x80	1	720
1220800046000	1220-KT	Cable Roller 10 m	-	1	2000
1220800056000	1220-RW	Rear Panel	455x700	1	6800
1220800066000	1220-KS	Edge protector	-	1	350

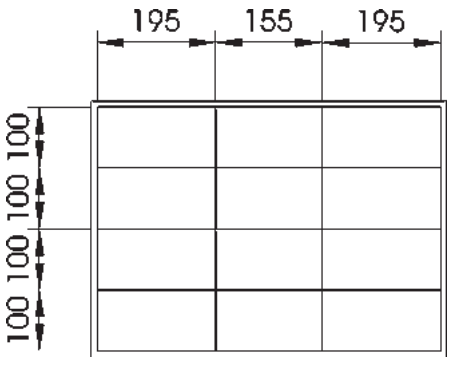
1220-TBS..., 1220-FTS...

SEPARATING PLATES

- drawer division for ELORA-SuperCaddy ELORA-No. 1220-LOT and ELORA ToolJet, ELORA-No. 1225-L, tool chest (ELORA-No. 1221-LOT and 1226-LOT) and mobile work bench, ELORA-No. 1820-LOT
- for division of the drawers
- zinc-plated metal sheet



1220-TBS

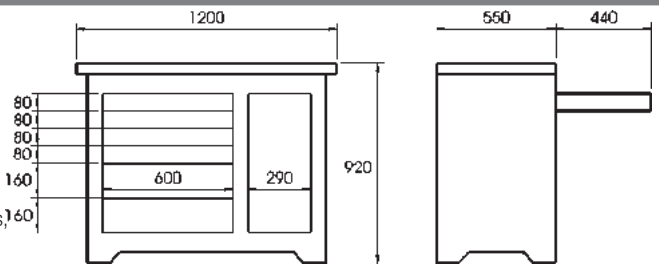


1220-FTS

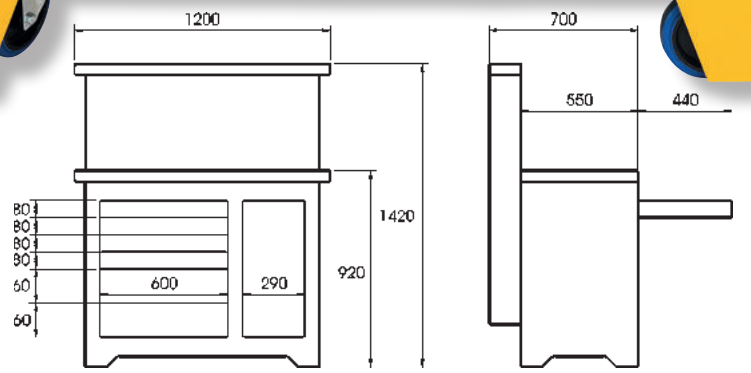
Code	Number	Productinformation	Height mm	Pieces	Weight/g
1220800606000	1220-TBS60	Separating Plate, 3 pcs.	60	1	200
1220801006000	1220-TBS100	Separating Plate, 3 pcs.	100	1	350
1220800806000	1220-FTS80	Separator Set	80	1	1120
1220801606000	1220-FTS160	Separator Set	160	1	3035

1820-LOT, 1821

MOBILE WORKBENCH WITH OPTIONALLY TOOL-BACK PANEL, RETRACTABLE



- 1820-LOT, mobile workbench
- solid metal sheet pattern with solid base construction
- corrosion- and scratch resistant powder-coating ELORA-yellow (RAL 1006)
- when the heavy duty tubular arm is raised the work bench is easily moveable
- broad gauge running gear with 4 Ø125 mm smooth running castors, 2 swivel castors, 2 fixed castors for heavy loads
- the foot rest at the swivel castors side can be lowered to ensure a firm and secure base
- drawer with ball bearing guide rails
- loading capacity of each drawer 40 kg
- each drawer has a safety locking system and is 100% extractable
- drawer internal measurements W 483 x D 410 mm
- drawers ELORA-black powder-coated (RAL 9005)
- drawers can be individually divided with separators or equipped with ELORA-OMS modules
- big lockable compartment with two dividers at the right side
- total loading capacity 500 kg
- 2 cylinder locks, simultanious locking
- solid wood working surface, 40 mm, round front edges
- sides with Euro-perforation 10 x 38 mm (hole square 10 x 10 mm, hole centre – hole centre 38 x 38 mm) for mounting accessory hooks ELORA-No. 1110-…, accessories e.g. paper roll holder ELORA-No. 1220-PH, waste basket ELORA-No. 1220-PK etc.
- as option available with retractable tool back panel ELORA-No. 1821
- delivery without tools and accessories



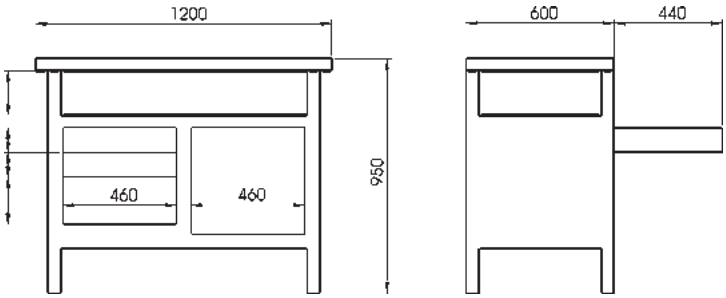
- 1821, Tool-Back Panel, retractable
- as option to mount on workbench ELORA-No. 1820-LOT
- flush level surface of the workbench and the tool back panel
- the tool-back panel is via a cylinder lock extra lockable
- two gas pressure springs automatically open the tool-back panel
- pressure spring extension force 300N each
- with Euro-perforation 10 x 38 mm (hole square 10 x 10 mm, hole centre – hole centre 38 x 38 mm) for mounting accessory hooks ELORA-No. 1110-…
- delivery without tools and accessories

Code	Number	Height (opened) mm	Height (closed) mm	Width mm	Depth mm	Loading capacity kg	Pieces	Weight/g
1820500006000	1820-LOT	1405	900	1200	555	500	1	110000
1821000006000	1821	-	775	1200	205	-	1	35000

1810-LOT

WORKBENCH

- massive beech wood bench top, bolt like laminated, oiled, 40 mm
- static load: 300 kg (distributed load)
- floor level adjustment screws
- drawers 100% extractable
- drawers internal measurements W 430 x D 520 mm
- load each drawer: ca. 35 kg
- central locking system for the drawers
- 2 locks per workbench keyed alike, main key available
- drawers can be divided with separator set ELORA-No. 1810-ET
- door lockable by 2 cylinder locks, simoltaneous locking
- powder-coated, body ELORA-yellow (RAL1006, door/ drawers ELORA-black RAL9005)



Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	Pieces	Weight/g
1810500006000	1810-LOT	840	1200	600	300	1	93000
1810500007000	1810-ET	60	-	-	-	1	800

1815
WORK TABLE, FOLDABLE

- for mobile use, foldable to measurement H 140, W 1000, D 700 mm
- strong, multiple glued beech wood working surface
- rack made of steel tube, scratch-resistant ELORA yellow lacquered

Code	Number	Height mm	Width mm	Depth mm	Loading Capacity kg	Pieces	Weight/g
1815010001000	1815	820	1000	700	500	1	34000

800L/810L
CANTILEVER TOOL BOX WITH 5 TRAYS

- blue lacquered, to be locked with padlock ELORA-No. 256
- heavy gauge sheet steel

Code+	Number	Width mm	Height mm	Depth mm	suitable assortments	Pieces	Weight/g
0800520031000	800L	430	200	200	WS-1, 9	1	4300
0810510031000	810L	530	200	200	WS-1, 2, 3, 4, 8, 9, 10	1	5200

803L/813L
CANTILEVER TOOL BOX WITH 3 TRAYS

- blue lacquered, to be locked with padlock ELORA-No. 256
- heavy gauge sheet steel

Code	Number	Width mm	Height mm	Depth mm	suitable assortments	Pieces	Weight/g
0803510036000	803L	430	150	195	WS-1, 9	1	3300
0813510036000	813L	530	150	195	WS-1, 9	1	3600

1380-L
HARD PROTECTIVE CASE

- variable dividable floor shell
- removable cover board with 15 tool pockets
- removable tool board with 22 tool pockets on the front and back
- document compartment in the lid (A4 format)
- 2 lockable clip locks made of metal
- hinge cover
- robust aluminium frame with protection for the sharp edges
- trolley case made of dent proof black ABS material
- delivery without tools

Code	Number	Internal measurements WxDxH mm	External measurements WxDxH mm	max. bearing load	suitable assortments	Pieces	Weight/g
1380000000000	1380-L	460x315x169	490x365x188	25	WS-4, 6, 8, 9, 10	1	4500

1381-L
HARD PROTECTIVE TROLLEY CASE

- mobile case with telescopic handle and 2 free running rollers
- variable dividable floor shell
- removable cover board with 15 tool pockets
- removable tool board with 23 tool pockets on the front and back
- document compartment in the lid (A4 format)
- 2 lockable clip locks made of metal and additional combination lock
- hinge cover
- robust aluminium frame with protection for the sharp edges
- trolley case made of dent proof black ABS material
- delivery without tools

Code	Number	Internal measurements WxDxH mm	External measurements WxDxH mm	max. bearing load	Volume l	suitable assortments	Pieces	Weight/g
1381000000000	1381-L	485x350x195	500x430x270	30	36	WS-4, 6, 8, 9, 10	1	7100

1386-L
TECHNICIANS NOTEBOOK TOOL BAG

- padded lap-top compartment (17“)
  and additional document compartment (A4 format)
- removable tool board with 8 pockets on the front and 2 rows
  elastic hangers on the back
- 2 small and 5 big pockets on the inside
- key ring holder
- front side 90 ° foldable
- on each side big attached pocket with hook and loop fastener
- splash proofed bottom
- adjustable strap with shoulder cushion quick fastener
- handle double fixable
- made of tear-proofed black nylon
- delivery without tools and accessories

Code	Number	Internal measurements WxDxH mm	External measurements WxDxH mm	max. bearing load	Pieces	Weight/g
1386000000000	1386-L	440x320x180	450x340x200	12	1	2700

1385-L

INSTALLATION TOOL BAG

- robust tool bag with moisture repellent bottom
- solid metal handle with padded grip
- removable cover and padded carrying strap
- outside 5 compartments with hook and loop fastener, fixation for water level
- inside 10 pockets an 8 hangers
- made of tear-proofed durable black nylon
- delivery without tools

Code	Number	Internal measurements WxDxH mm	External measurements WxDxH mm	max. bearing load	suitable assortments	Pieces	Weight/g
1385000000000	1385-L	400x190x240	450x250x270	12	WS-6, 9, 10	1	2000

1100L

TOOL CABINET, LARGE MODEL

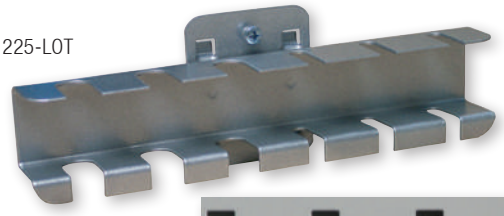
- with 2 doors and 2 drawers, lockable, lacquered in ELORA-yellow
- heavy gauge sheet steel

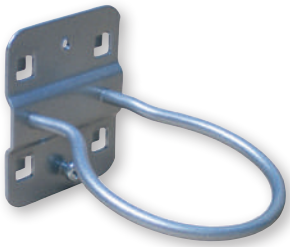
Code	Number	Width mm	Height mm	Depth mm	suitable assortments	Pieces	Weight/g
1100520001000	1100L	650	1000	300	WS-1 to 5	1	30000

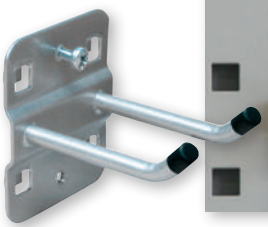
1110-...

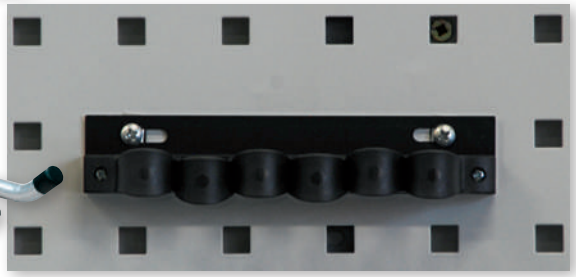
HOLDER

- for use in work bench ELORA-No. 1820-LOT ,
  back and side panels of roller the tool cabinets ELORA-No. 1220-LOT, 1225-LOT
- for euro-hole perforation board with hole square 10 x 10 mm,
  distance from hole centre to hole centre 38 mm vertical and horizontal
- made of steel sheet, 1,25 mm thick
- 1110 KH made from plastic









Code	Number	Productinformation	Pieces	Weight/g
1110900002025	1110 SH 25	Tool Holder	1	20
1110900002050	1110 SH 50	Tool Holder	1	24
1110900012050	1110 DH 50	Tool Holder, double hook	1	62
1110900002080	1110 MH 80	Machine Holder	1	84
1110900002006	1110 SD 6	Screwdriver Holder	1	169
1110900002000	1110 KH	Terminal Holder, plastic	1	16
1110900781000	1110-S 78	Hook assortment composed of: 25x 1110 SH 25 25x 1110 SH 50 25x 1110 DH 50 1x 1110 MH 80 1x 1110 SD 6 1x 1110 KH	1	2919

1200-RM 18

ANTI SLIP MAT

- for drawers in tool cabinets and work benches
- black plastic, material sold by meter

Code	Number	Width mm	Pieces	Weight/g
1200004752000	1200-RM 18	475	1	650

256

PADLOCK

- for cantilever tool box ELORA-No.800L, 803L, 810L and 813L
- with steel bow 29 mm, incl. 2 keys
- Brass

Code	Number	Width mm	Pieces	Weight/g
0256000000000	256	43,8	1	80

OMS-15

MODULE-DOUBLE OPEN ENDED SPANNER

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

mm

Code	Number	Contents	Pieces	Weight/g
0000411501000	OMS-15	Double Open-Ended Spanners DIN 3110 100- 6×7, 8×9, 10×11, 12×13, 14×15,16×17, 18×19, 20×22 mm	1	900
0000411507000	OMS-15L	empty module	1	80

OMS-1

MODULE-COMBINATION SPANNERS, CRANKED

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

ELO DRIVE PROFIL

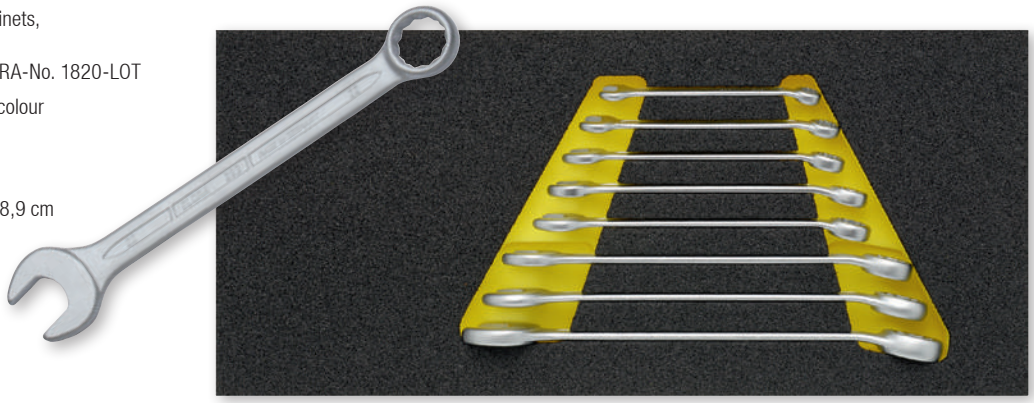
mm

Code#	Number	Contents	Pieces	Weight/g
0000410101000	OMS-1	Combination Spanners, cranked 205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	1	1990
0000410107000	OMS-1L	empty module	1	70

OMS-9

MODULE-COMBINATION SPANNERS, BENT

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



ELO DRIVE PROFIL

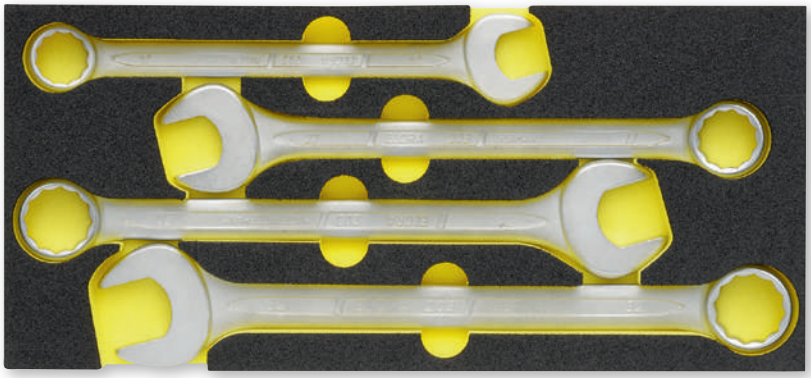
mm

Code	Number	Contents	Pieces	Weight/g
0000410901000	OMS-9	Combination Spanners, bent 203- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	690
0000410907000	OMS-9L	empty module	1	80

OMS-22

MODULE-COMBINATION SPANNER, BENT

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



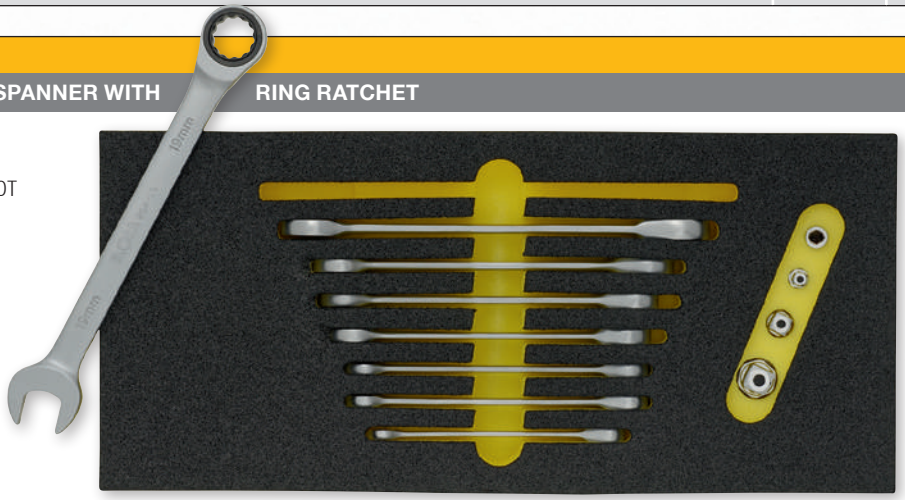
mm

Code	Number	Contents	Pieces	Weight/g
0000412201000	OMS-22	Combination Spanners, bent 203- 24, 27, 30, 32 mm	1	1820
0000412207000	OMS-22L	empty module	1	60

OMS-30

MODULE-COMBINATION SPANNER WITH RING RATCHET

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



ELORIVE PROFIL

mm

Code	Number	Contents	Pieces	Weight/g
0000413001000	OMS-30	Combination Spanners with Ring Ratchet 204- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for bits 1/4“, 3/8“, 1/2“ and 1/4“ Bit-Adaptor	1	933
0000413007000	OMS-30L	empty module	1	38

OMS-33

MODULE-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

ELORIVE PROFIL

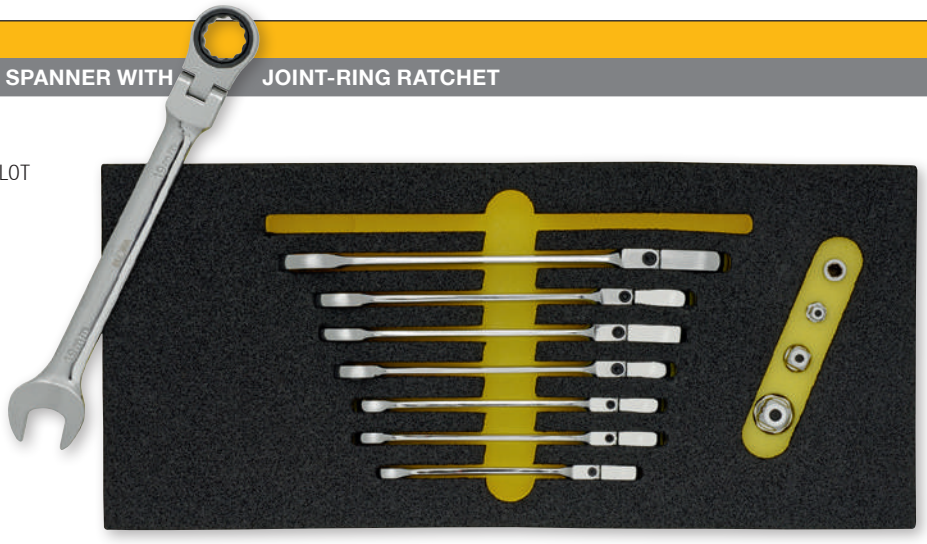
mm

Code	Number	Contents	Pieces	Weight/g
0000413301000	OMS-33	Combination Spanner with Ring Ratchet, reversible 204J- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for bits 1/4“, 3/8“, 1/2“ and 1/4“ Bit-Adaptor	1	998
0000413307000	OMS-33L	empty module	1	38

OMS-32

MODULE-COMBINATION SPANNER WITH JOINT-RING RATCHET

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



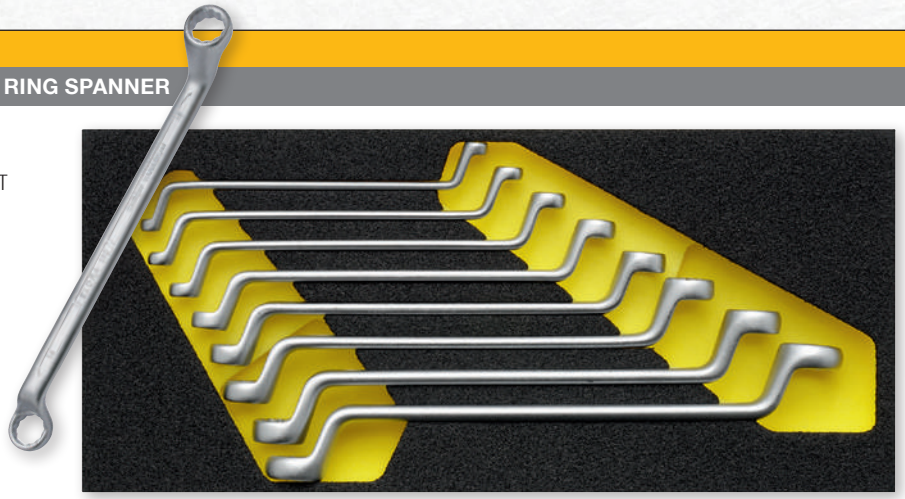
mm

Code	Number	Contents	Pieces	Weight/g
0000413201000	OMS-32	Combination Spanner with Joint-Ring Ratchet 204R- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for bits 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor	1	980
0000413207000	OMS-32L	empty module	1	80

OMS-19

MODULE-DOUBLE-ENDED RING SPANNER

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



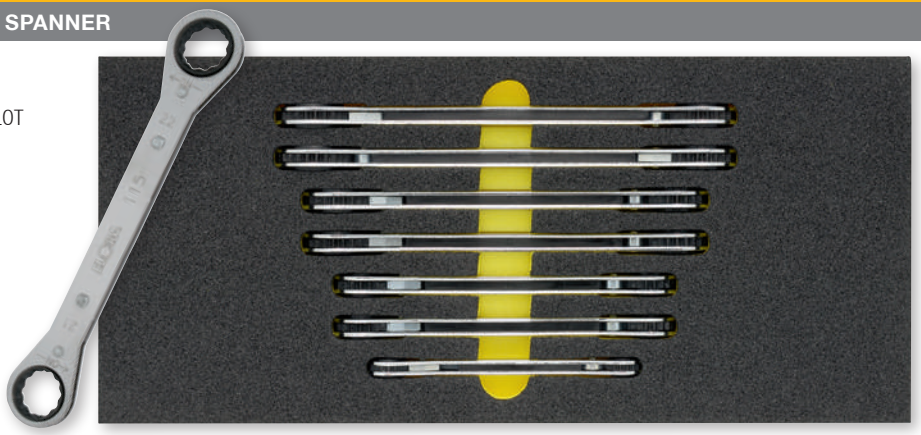
mm

Code	Number	Contents	Pieces	Weight/g
0000411901000	OMS-19	Double-Ended Ring Spanners, DIN 838 110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm	1	1350
0000411907000	OMS-19L	empty module	1	70

OMS-28

MODULE-RATCHET RING SPANNER

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



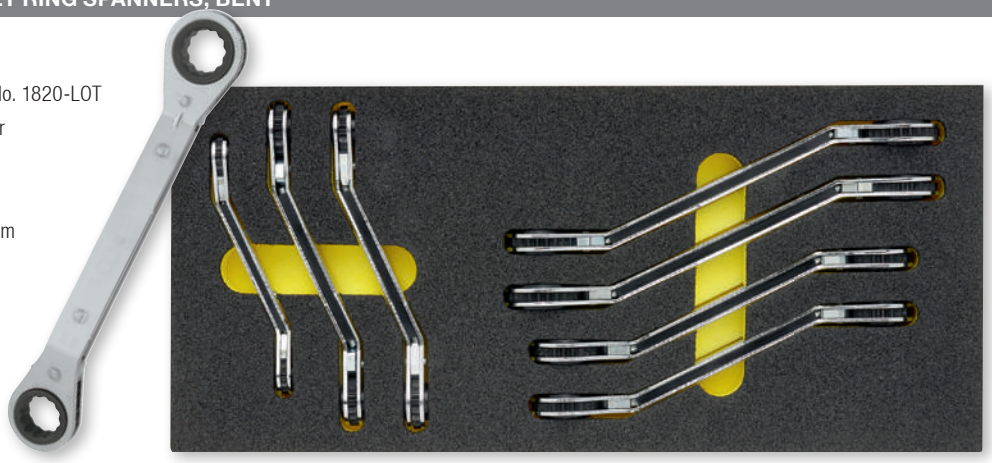
mm

Code	Number	Contents	Pieces	Weight/g
0000412801000	OMS-28	Ratchet Ring Spanners, straight 115 - 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm	1	1330
0000412807000	OMS-28L	empty module	1	80

OMS-29

MODULE-RATCHET RING SPANNERS, BENT

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



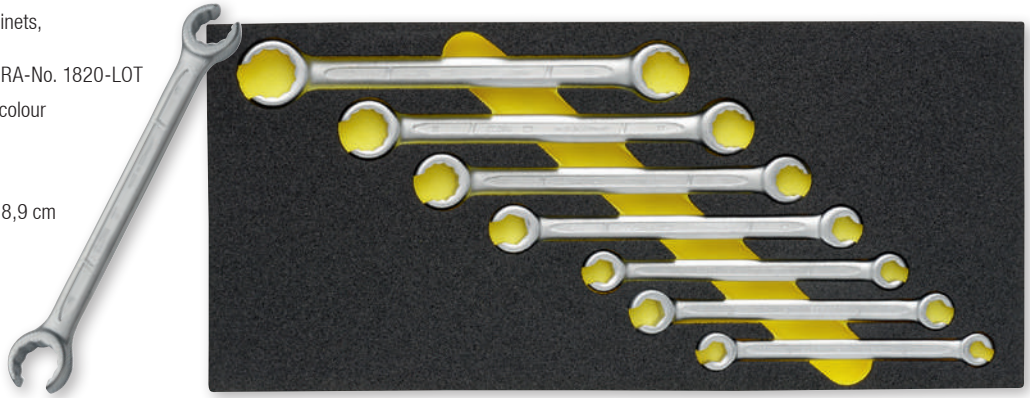
mm

Code	Number	Contents	Pieces	Weight/g
0000412901000	OMS-29	Ratchet Ring Spanners, bent 115G - 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm	1	1340
0000412907000	OMS-29L	empty module	1	80

OMS-31

MODULE-FLARE NUT OPEN ENDED RING SPANNER

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



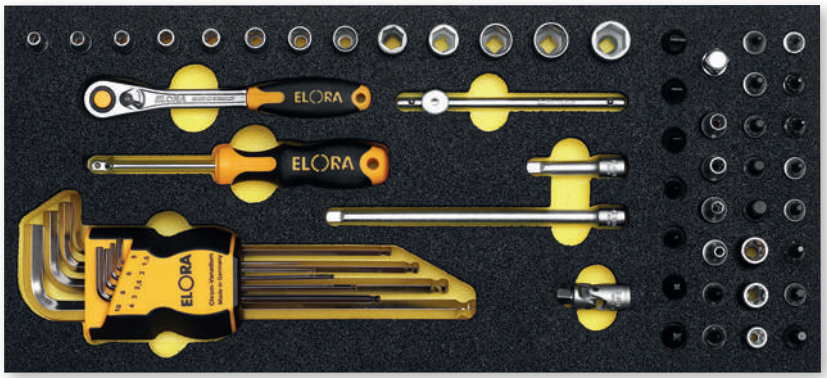
mm

Code	Number	Contents	Pieces	Weight/g
0000413101000	OMS-31	Ended Ring Spanners for flare nuts 121- 8x10, 10x11, 11x13, 12x14, 14x17, 17x19, 19x22 mm	1	850
0000413107000	OMS-31L	empty module	1	80

OMS-2

MODULE- SOCKET SET 1/4“

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



6,3

1/4"

mm

Code	Number	Contents	Pieces	Weight/g
0000410201000	OMS-2	Hexagon Sockets 1455-4, 4,5, 5, 5,5, 6, 7, 8, 9, 10,11, 12, 13, 14 mm Screwdriver Sockets for plain slotted screws 1455-IS 0,8x4, 1,0x5,5, 1,6x8,0 mm Screwdriver Sockets for cross slotted screws 1455-PH 1, PH 2, PH 3, PH 4 Screwdriver Sockets for cross slotted screws 1455-PZ 1, PZ 2 Screwdriver Sockets 1455-IN 3, 4, 5, 6, 8 mm Sockets for Outside TORX® screws 1455-TXE 4, 5, 6, 7, 8, 10,11 Sockets for Inside TORX® screws 3243-TX 8, 10, 15, 20, 25, 27, 30,40 Reversible Ratchet 1450-1D Spinner Handle 1450-3 Sliding T-Bar 1450-4 Universal Joint 1450-8 Extension Bar 50 mm 1450-11 Extension Bar 150 mm 1450-12 Socket Converter Male 3/8, Female 1/4 1450-15 Ball End Hexagon Key Set 159 SKU KU 1,5, KU 2, KU 2,5, KU 3, KU 4, KU 5, KU 6, KU 8, KU 10	1	1480
0000410207000	OSM-2L	empty module	1	80

OMS-34/21

MODULE- SOCKET SET 3/8“

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

10

3/8"

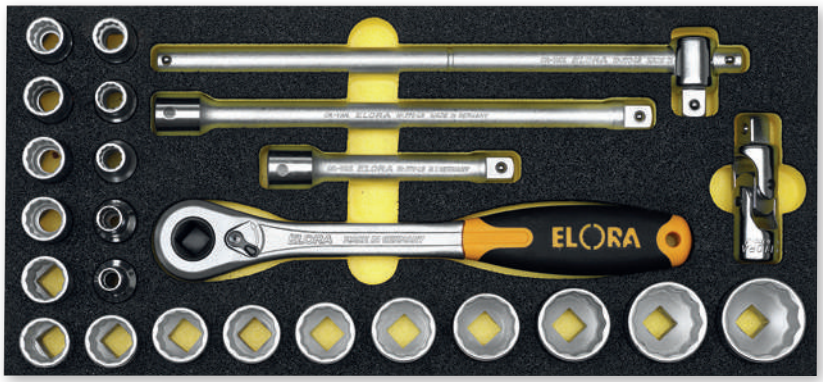
mm

Code	Number	Contents	Pieces	Weight/g
0000413401000	OMS-34	Bihexagon Sockets 870- 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm Reversible Ratchet 870-1D Extension Bar 125 mm 870-35 Extension Bar 250 mm 870-55 Universal Joint 870-9	1	1340
0000412101000	OMS-21	same as OMS-34, but all sockets in hexagon pattern	1	1340
0000412107000	OMS-21/34L	empty module	1	80

OMS-3/4

MODULE-SOCKET SET 1/2“

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



12,5

1/2"

mm

Code	Nummer	Inhalt	Stück	Gewicht/g
0000410301000	OMS-3	Bihexagon Sockets 770-LM 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,19, 20, 21, 22, 24, 25, 27, 30, 32 mm Reversible Ratchet 770-L1D Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 75 mm 770-L7	1	3420
0000410401000	OMS-4	same as OMS-3, but all sockets in hexagon pattern	1	3400
0000410307000	OMS-3/4L	empty module	1	80

OMS-35/25

MODULE-SOCKET SET 3/4“

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 37,7 cm
- hard foam insert

20

3/4"

Code	Nummer	Inhalt	Stück	Gewicht/g
0000413501000	OMS-35	Bihexagon Sockets 770-S 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm Reversible Ratchet Head 770-S1K Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Tommy Bar 770-S7 Sliding Head 770-S13	1	9280
0000412501000	OMS-25	same as OMS-35, but all sockets in hexagon pattern	1	9280
0000412507000	OMS-25/35L	empty module	1	125

OMS-24

MODULE-IMPACT-SOCKET SET 1/2“

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

12,5

1/2"

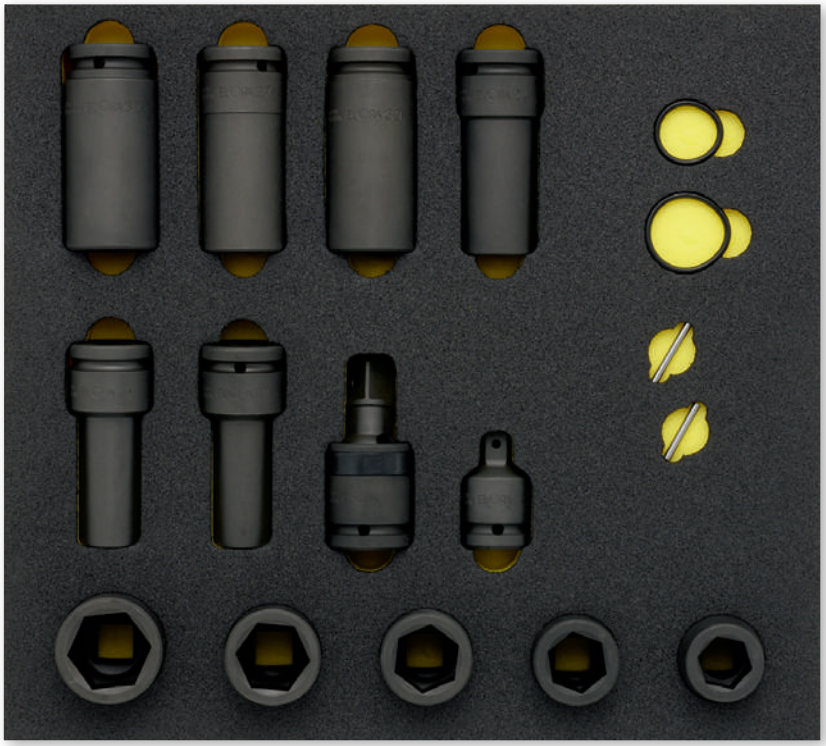
mm

Code	Number	Contents	Pieces	Weight/g
0000412401000	OMS-24	Impact Sockets 790-13, 17, 19, 22, 24 mm Impact Sockets extra deep 790-LT 17, 19, 21, 22, 24 mm Impact Extension Bar 7901-125 Impact Adaptor 7902-3/4, Male 3/4, Female 1/2 Impact Universal Joint 795-1/2 Impact Locking pins 7903-20, 25 Impact Locking rings 7904-20, 24	1	2900
0000412407000	OMS-24L	empty module	1	80

OMS-23

MODULE-IMPACT-SOCKET SET 3/4“

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 37,7 cm
- hard foam insert



20

3/4"

mm

Code	Number	Contents	Pieces	Weight/g
0000412301000	OMS-23	Impact Sockets 791-24, 27, 30, 32, 36 mm Impact Sockets extra deep 791LT-17, 19, 24, 27, 30, 32 mm Impact Adaptor 7912-1/2, Male 1/2, Female 3/4 Impact Universal Joint 795 -3/4 Impact Locking pins 7913-29, 37 Impact Locking rings 7914 28, 36	1	7780
0000412307000	OMS-23L	empty module	1	125

OMS-18

MODULE-TORX®-TOOLS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

12,5

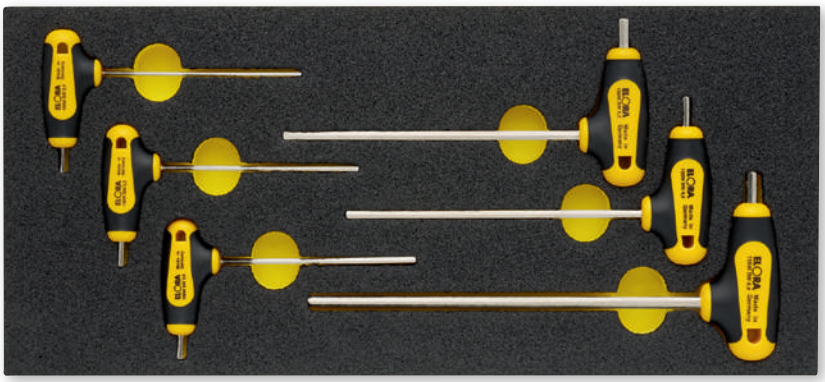
1/2"

Code	Number	Contents	Pieces	Weight/g
0000411801000	OMS-18	Inside TORX® Screws 3245 TX 20, 25, 27, 30, 40, 45, 50, 55, 60 TORX® Ball End Keys 162S-TXKU 9, 10, 15, 20, 25, 27, 30, 40	1	980
0000411807000	OMS-18L	empty module	1	80

OMS-26

MODULE HEXAGON KEY SET

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



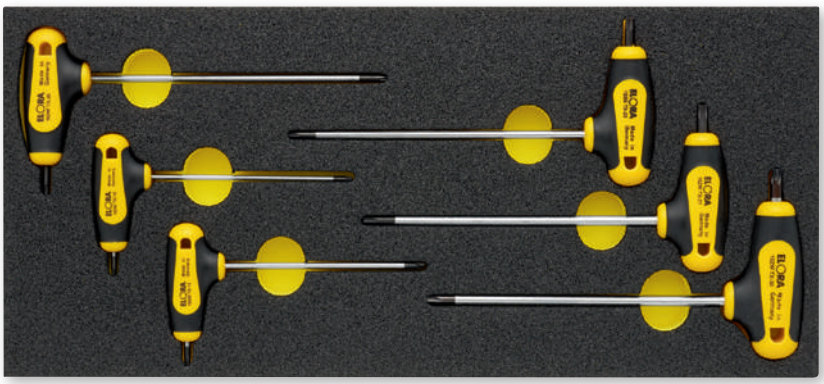
mm

Code	Number	Contents	Pieces	Weight/g
0000412601000	OMS-26	T-Handle Hexagon Key with lateral use 159W-2, 2,5, 3, 4, 5, 6	1	340
0000412607000	OMS-26L	empty module	1	80

OMS-27

MODULE-TORX

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

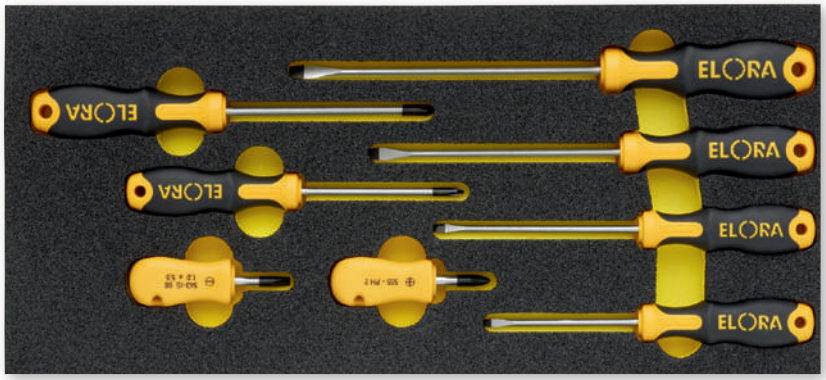


Code	Number	Contents	Pieces	Weight/g
0000412701000	OMS-27	TORX® Screwdrivers with T-Handle 162WTX-10, 15, 20, 25, 27, 30	1	360
0000412707000	OMS-27L	empty module	1	80

OMS-11

MODULE-QUATROLIT®-2C-SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



Code	Number	Contents	Pieces	Weight/g
0000411101000	OMS-11	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 545-IS 75, 100, 125, 150 QUATROLIT®-2 Component Screwdrivers for cross slotted screws 547-PH 1, 2 Chubby Screwdriver for plain slotted screws 543-IS 45 Chubby screwdriver for cross slotted screws 555-PH 1	1	485
0000411107000	OMS-11/38L	empty module	1	80

OMS-6

MODULE-QUATROLIT®-2C-SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000410601000	OMS-6	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 539-IS 90, 100, 125, 150, 649-IS 75 QUATROLIT®-2 Component screwdrivers for cross slotted screws 559-PH 1, 2, 3 Chubby Screwdriver for plain slotted screws 543-IS 60 Chubby screwdriver for cross slotted screws 555-PH 1	1	900
0000410607000	OMS-36L/37L	empty module	1	80

OMS-7

MODULE-QUATROLIT®-2C-SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000410701000	OMS-7	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 539-IS 75, 90, 100, 125, 150 QUATROLIT®-2 Component screwdrivers for cross slotted screws 559-PH 1, 2, 3 Chubby Screwdriver for plain slotted screws 543-IS 60 Chubby screwdriver for cross slotted screws 555-PH 2	1	900
0000410607000	OMS-36L/37L	empty module	1	80

OMS-36

MODULE-QUATROLIT®-2C-SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000413601000	OMS-36	2 Component Screwdrivers for plain slotted Screws 539-IS 90, 100, 125, 150 545-IS 75, 543-IS 60 2 Component Pozidriv-Screwdrivers 569-PZ 1, 2, 3 554-PZ 2	1	900
0000410607000	OMS-36L/37L	empty module	1	80

OMS-37

MODULE-QUATROLIT®-2C-SCREWDRIVERS

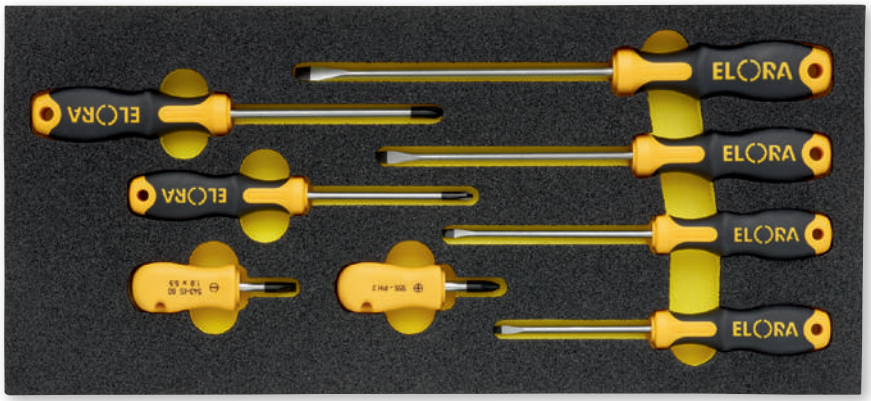
- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000413701000	OMS-37	2 Component Screwdrivers for plain slotted Screws 539-IS 75, 90, 100, 125, 150 543-IS 60 2 Component Pozidriv Screwdrivers 554-PZ 2 569-PZ 1, 2, 3	1	900
0000410607000	OMS-36L/37L	empty module	1	80

OMS-38

MODULE-QUATROLIT®-2C-SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

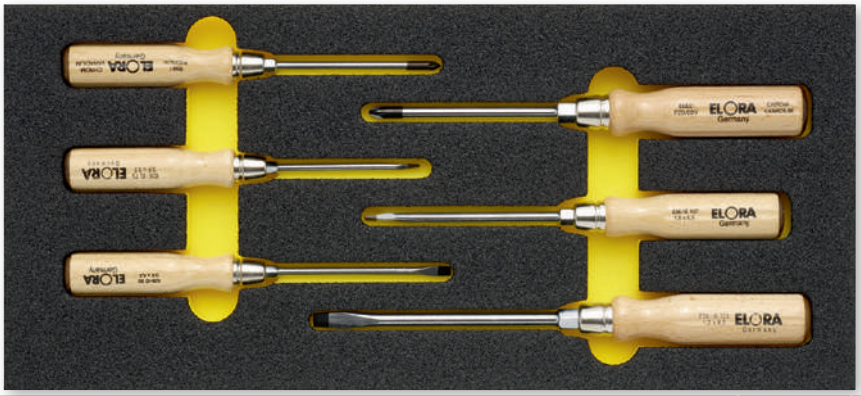


Code	Number	Contents	Pieces	Weight/g
0000413801000	OMS-38	2 Component Screwdrivers for plain slotted Screws 545-IS 75, 100, 125, 150 2 Component Pozidriv Screwdrivers 549-PZ 1, 2 Chubby Plain slotted Screwdriver 543-IS 45 Chubby Pozidriv Screwdriver 554-PZ 1	1	470
0000411107000	OMS-11/38L	empty module	1	80

OMS-16

MODULE ENGINEER SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

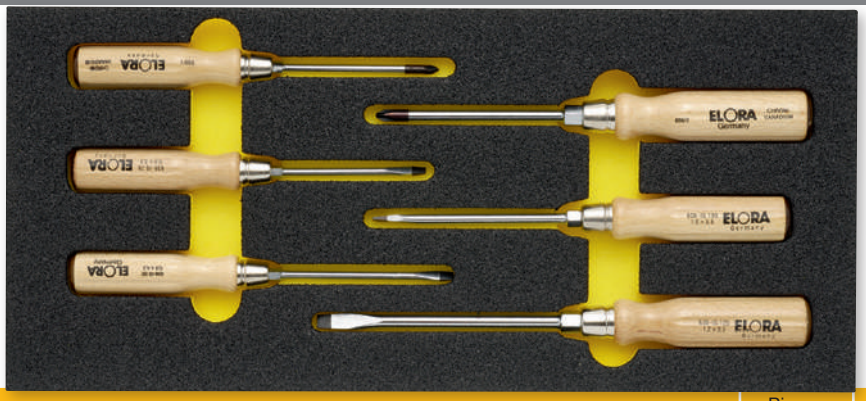


Code	Number	Contents	Pieces	Weight/g
0000411601000	OMS-16	Plain slotted Screwdriver with wooden handle 636-IS 75, 90, 100, 125 Supa-Pozidriv-Screwdriver with wooden handle 658-PZ 1, 2	1	460
0000411607000	OMS-16L	empty module	1	80

OMS-17

MODULE ENGINEER SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

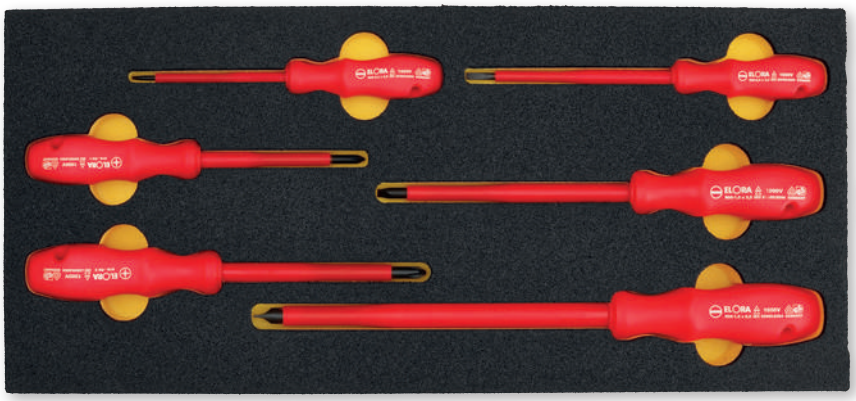


Code	Number	Contents	Pieces	Weight/g
0000411701000	OMS-17	Plain slotted Screwdriver with wooden handle 636-IS 75, 90, 100, 125 Cross slotted Screwdriver with wooden handle 656-PH 1, 2	1	460
0000411707000	OMS-17L	empty module	1	80

OMS-43

MODULE VDE SCREWDRIVERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



Code	Number	Contents	Pieces	Weight/g
0000414301000	OMS-43	VDE plain slotted Screwdriver 900-IS 75, 106, 12510, 175 VDE Cross slotted Screwdriver 910-PH 1, 2	1	460
0000414307000	OMS-43L	empty module	1	80

OMS-10

MODULE-PLIERS

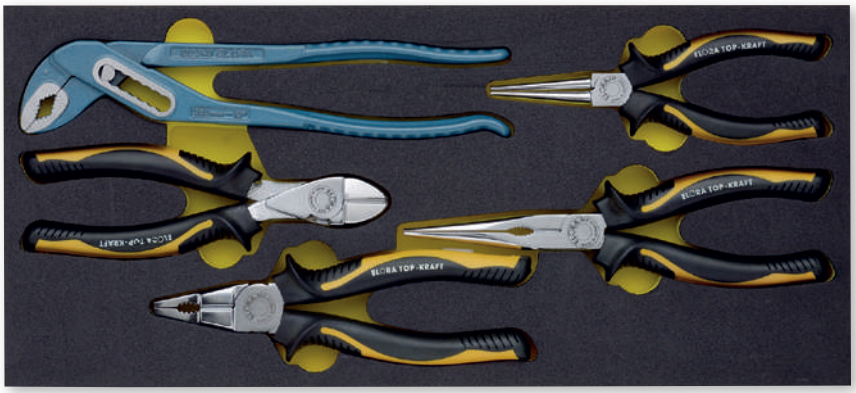
- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOTT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000411001000	OMS-10	495BI-165 Combination Plier 492BI-160 Universal Diagonal Cutter 132-240 Waterpump Plier	1	845
0000411007000	OMS-10L	empty module	1	80

OMS-5

MODULE-PLIERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

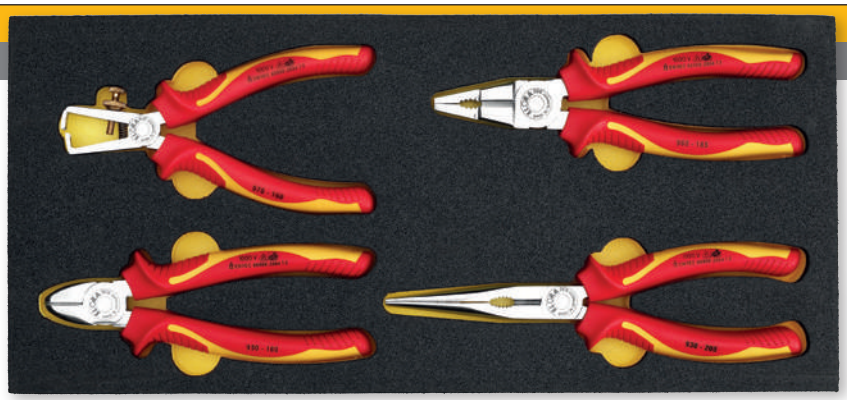


Code	Number	Contents	Pieces	Weight/g
0000410501000	OMS-5	470BI-200 Flat round Nose Plier 477BI-170 Round Nose Plier 490BI-165 Heavy Duty Diagonal Cutter 495BI-185 Combination Plier 132-240 Waterpump Plier	1	1200
0000410507000	OMS-5L	empty module	1	80

OMS-42

MODULE-VDE PLIERS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

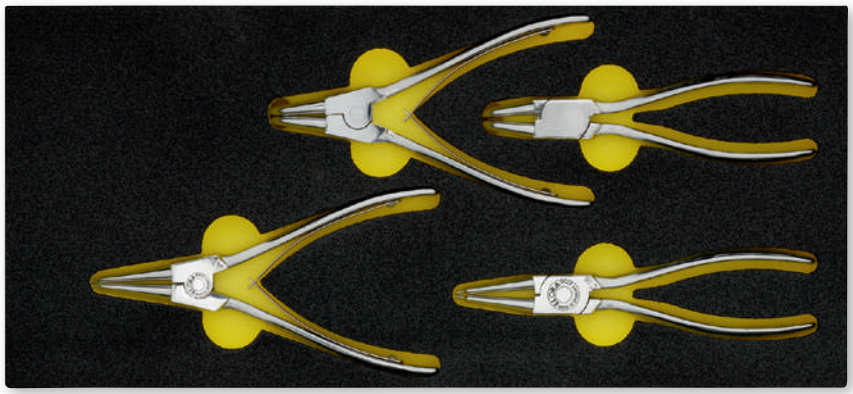


Code	Number	Contents	Pieces	Weight/g
0000414201000	OMS-42	VDE Universal Side Cutter with handle insulation 950-160 VDE Combination Plier with Handle Insulation 960-185 VDE Wire Stripper with Handle Insulation 970-160 VDE Snipe Nose Plier with Handle Insulation 930-205	1	900
0000414207000	OMS-42L	empty module	1	60

OMS-20

MODULE-CIRCLIP PLIER

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert



Code	Number	Contents	Pieces	Weight/g
0000412001000	OMS-20	473-J2 Internal Circlip Plier 473-J21 Internal Circlip Plier 474-A2 External Circlip Plier 474-A21 External Circlip Plier	1	650
0000412007000	OMS-20L	empty module	1	80

OMS-12

MODULE-HAND STRIKING TOOLS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000411201000	OMS-12	260-200 Flat Cold Chisel 265-10 Centre Punch 120x4 Pin Punch 271- 150x2, 150x3, 150x4,150x5, 150x6, 150x8 1665-500 Engineers Hammer 500 g	1	1520
0000411207000	OMS-12L	empty module	1	80

OMS-8

MODULE-HAND STRIKING TOOLS

- for ELORA-roller tool cabinets, ELORA-tool chest and ELORA-work bench, ELORA-No. 1820-LOT
- black, with yellow signal colour
- oil and grease resistant
- chemical resistant
- Width: 41,5 cm, Depth: 18,9 cm
- hard foam insert

Code	Number	Contents	Pieces	Weight/g
0000410801000	OMS-8	260-150, 200 Flat Cold Chisel 262-150 Flat Cold Chisel 261-150 Cross Cut Chisel 264- 120x10x2, 120x10x3,120x10x4 Taper Pin Punches 265-10 Centre Punch 271-3, 4, 5, 6 Parallel Pin Punches 1665-K500 3K Engineers Hammer	1	2200
0000410807000	OMS-8L	empty module	1	80

MS-2

MODULE-COMBINATION SPANNERS, CRANKED

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

mm

Code	Number	Contents	Pieces	Weight/g
0000502001000	MS-2	Combination Spanners, cranked 205- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	960
0000502007000	MS-2L	empty module	1	140

MS-6

MODULE--COMBINATION SPANNERS, BENT

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

mm

Code	Number	Contents	Pieces	Weight/g
0000506001000	MS-6	Combination Spanners, bent 203-8, 10, 11, 13, 17, 19, 22, 24 mm	1	890
0000502007000	MS-2L	empty module	1	140

MS-10

MODULE-COMBINATION SPANNER WITH RING RATCHET

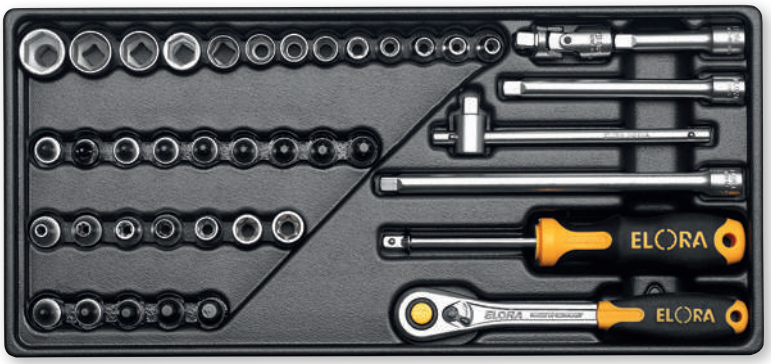
- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000510001000	MS-10	Combination Spanners with Ring Ratchets 204- 8, 9, 10, 12, 13, 14, 17, 19 mm	1	935
0000502007000	MS-2L	empty module	1	140

MS-50

MODULE-SOCKET SET 1/4“

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic



6,3

1/4"

mm

Code	Number	Contents	Pieces	Weight/g
0000550001000	MS-50	3243-TX Sockets for Inside TORX®-Screws 8, 9, 10, 15, 20, 25, 27, 30, 40 1455-TXE Sockets for Outside TORX®-Screws 4, 5, 6, 7, 8, 10, 11 1455-IN Screwdriver Sockets 3, 4, 5, 6, 8 mm 1455M- Hexagon Sockets 4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm 1450-1D Reversible Ratchet 145 mm 1450-3 Spinner Handle 150 mm 1450-4 Sliding T-Bar 115 mm 1450-11 Extension Bar 50 mm 1450-5 Extension Bar 100 mm 1450-12 Extension Bar 150 mm 1450-8 Universal Joint 45 mm	1	920
0000550007000	MS-50L	empty module	1	95

MS-14

MODUL-TORX-TOOLS

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

12,5

1/2"

Code	Number	Contents	Pieces	Weight/g
0000514001000	MS-14	TORX®-Scrwdriver Sockets 3245-TX 20, 25, 27, 30, 40, 45, 50, 55, 60 TORX®-Ball end Keys 162S-TXKU 9, 10, 15, 20, 25, 27, 30, 40	1	900
0000513007000	MS-13L	empty module	1	95

MS-11/12

MODULE-SOCKET SET 1/2“ BIHEXAGON

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

12,5

1/2"

mm

Code	Number	Contents	Pieces	Weight/g
0000511001000	MS-11	Bihexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22 mm 770-L1D Reversible Ratchet 770-L6 Extension Bar 250 mm 770-L3 Sliding T-Bar	1	2200
0000512001000	MS-12	same as MS-11, but all sockets in hexagon pattern	1	2200
0000511007000	MS-11L	empty module	1	95

MS-13

MODULE-ALLEN KEYS SOCKET SET 1/2“

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

12,5

1/2"

mm

Code	Number	Contents	Pieces	Weight/g
0000513001000	MS-13	Screwdriver Sockets 3210 IN 4, 5, 6, 8, 10, 12, 14, 17, 19 mm Ball end Hexagon Keys 159 KU1,5, KU2, KU2,5, KU3, KU4, KU5, KU6, KU8, KU10 mm	1	1460
0000513007000	MS-13L	empty module	1	95

MS-38

MODULE-QUATROLIT-2C-SCREWDRIVER

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000538001000	MS-38	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 545-IS 75, 100, 125, 150 QUATROLIT®-2 Component Screwdrivers for cross slotted screws 547-PH 1, 2	1	407
0000531007000	MS-31L/41L	empty module	1	96

MS-39

MODULE-QUATROLIT-2C-SCREWDRIVER

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000539001000	MS-39	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 545-IS 75, 100, 125, 150 QUATROLIT®-2 Component pozidriv Screwdrivers 549-PZ 1, 2	1	511
0000531007000	MS-31L/41L	empty module	1	96

MS-36

MODULE-QUATROLIT-2C-SCREWDRIVER

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000536001000	MS-36	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 539-IS 75, 100, 125, 150 QUATROLIT®-2 Component Screwdrivers for cross slotted screws 559-PH 1, 2	1	517
0000531007000	MS-31L/41L	empty module	1	96

MS-37

MODULE-QUATROLIT-2C-SCREWDRIVER

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000537001000	MS-37	QUATROLIT®-2 Component Screwdrivers for plain slotted screws 539-IS 75, 100, 125, 150 QUATROLIT®-2 Component Pozidriv Screwdrivers 569-PZ 1, 2	1	511
0000531007000	MS-31L/41L	empty module	1	96

MS-40

MODULE-ENGINEER SCREWDRIVER

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000540001000	MS-40	Screwdrivers with wooden handle for plain slotted screws 636-IS 75, 90, 100, 125 Screwdriver with wooden handle for cross slotted screws 656-PH 1, 2	1	500
0000531007000	MS-31L/41L	empty module	1	96

MS-41

MODULE-ENGINEER SCREWDRIVER

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000541001000	MS-41	Screwdrivers with wooden handle for plain slotted screws 636-IS 75, 90, 100, 125 Pozidriv-Screwdriver with wooden handle 658-PZ 1, 2	1	500
0000531007000	MS-31L/41L	empty module	1	96

MS-32
MODULE-VDE-SCREWDRIVERS

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000532001000	MS-32	VDE-Screwdriver for plain slotted screws 900IS-75, 106, 125, 175 VDE-Screwdriver for cross slotted screws 910-PH 1, 2	1	495
0000531007000	MS-31L/41L	empty module	1	96

MS-23
MODULE-VDE-PLIERS

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,9 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000523001000	MS-23	VDE-Pliers 960-185 VDE-Combination Plier 930-205 VDE-Flat Round Nose Plier 950-160 VDE-Universal-Diagonal Cutter	1	815
0000521007000	MS-21L	empty module	1	96

MS-21
MODULE-QUATROLIT-PLIERS

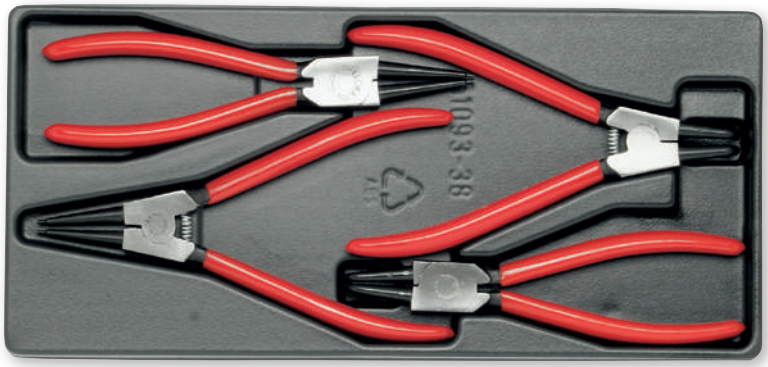
- black, with transparent cover
- Width: 31,5 cm, Depth: 14,9 cm
- stable ABS plastic

Code	Number	Contents	Pieces	Weight/g
0000521001000	MS-21	QUATROLIT®-2 Component Pliers 495BI-185 Combination Plier 470BI-200 Flat Round Nose Plier 490BI-165 Heavy Duty Diagonal Cutter	1	785
0000521007000	MS-21L	empty module	1	96

MS-25

MODULE-PROFI CLASSIC CIRCLIP PLIERS

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic

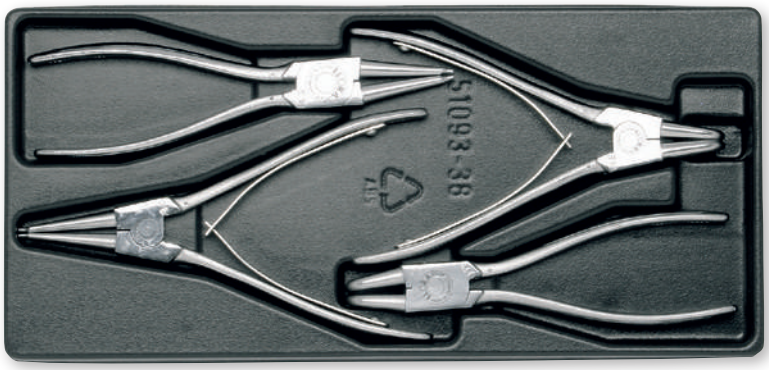


Code	Number	Contents	Pieces	Weight/g
0000525001000	MS-25	Profi-Classic-Circlip Pliers 383-J2 Internal Circlip Plier 383-J21 Internal Circlip Plier 384-A2 External Circlip Plier 384-A21 External Circlip Plier	1	650
0000524007000	MS-25L	empty module	1	96

MS-26

MODULE-CIRCLIP PLIERS

- black, with transparent cover
- Width: 31,5 cm, Depth: 14,5 cm
- stable ABS plastic



Code	Number	Contents	Pieces	Weight/g
0000526001000	MS-26	Circlip Pliers 473-J2 Internal Circlip Plier 473-J21 Internal Circlip Plier 474-A2 External Circlip Plier 474-A21 External Circlip Plier	1	650
0000524007000	MS-25L	empty module	1	96

ELORA
ELORA

02

SPANNERS

COMBINATION SPANNERS	Page 66
OPEN ENDED SPANNERS	Page 80
HOOK AND DIN SPANNERS	Page 87
RING- AND DOUBLE ENDED RING SPANNERS	Page 90
SLOGGING AND CONSTRUCTION RING SPANNERS	Page 102
HEXAGON TUBULAR BOX SPANNERS	Page 107

To make sure each customer gets a perfect ELORA spanner, a complex manufacturing process that has been optimised over the years by highly skilled specialists is required. Below, we illustrate the main production steps in a clear overview.

One key feature of spanners made by ELORA is their excellent rigidity and resistance to bending. Thanks to a finely tuned materials selection process, tried-and-tested manufacturing techniques and tight quality controls, ELORA spanners are well able to withstand the rigours of daily use.

The ergonomically designed shape ensures a firm grip for efficient, safe work. As well as offering a dazzle-free finish, the high-grade matt chrome plating provides long-term protection against corrosion. Our other product characteristics are equally impressive.

1.

2.a

2.b

3.

4.

5.

6.

7.

Every ELORA spanner contains the collective skills, knowledge and experience of several generations of work in tool manufacture – a fact that is worth every cent and gives the end user the security that he or she has made a worthwhile investment in the future. This means you can look forward to highest-grade quality tools that will work perfectly for years and look great at the same time.

ELO DRIVE PROFILE

Ring side with a wavy profile

Ring spanners, open-jaw spanners and double-ended ring spanners all feature the ELO-DRIVE profile.

For you as a customer, this means:

- High force transmission to the flats of the fastener without damaging the head
- Efficient, safe working

1. Blanking
The starting material is high-grade ELORA chrome vanadium 31 CrV3 /1.2208. The cropped blank for the spanner is cut from the rough blank.
The characteristic shape is recognisable even at this early stage.

2. Hot forging & flash removal
a. The cropped blank is heated in a furnace to the correct forging temperature and then drop forged in this hot state using high press forces.
b. Following this, the flash is then removed using flash-removal presses.

3. Hole punching
In the next step, the hole at the ring-end of the spanner is punched.

4. Grinding & vibro-deburring
The subsequent grinding process ensures the tool has a smooth outside surface.
Any sharp edges and flash still remaining are then removed by vibro-deburring.

5. Ring and jaw broaching
The purpose of the broaching operation is to ensure the ring and jaw ends have exactly the right dimensions.

6. Profile punching
The individual marking that identifies our spanners around the world is added during the profile punching operation.

7. Hardening and tempering
This special heat treatment ensures our spanners enjoy the longest possible service lifetimes. The tool's tensile strength is provided by precise hardening and the high level of ductility by the tempering process.

8. Sand blasting & head polishing
To make sure the spanner has a matt, non-slip surface, we sand-blast it. The jaw-end is then also polished to give it a smooth finish.

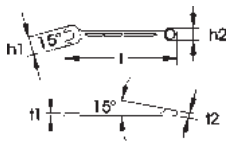
9. Chrome-plating
Finally, the spanner is nickel-plated and chrome-plated in an electroplating process. The final product now boasts effective surface protection and a specially high-grade appearance. Typically ELORA.

ELORA

205-..., 205A-..., 205W-...

COMBINATION SPANNER

- long version, both ends fit same nut size
- cranked
- size 5 and 5,5 mm: ring side in hexagon
- up to 34 mm, 1.1/4" AF, 3/4" WW:
  jaw polished, shaft chrome plated,
  all further sizes matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738



mm

Code	Number	l/mm	h1 (max.) mm	h2 (max.) mm	t1 (max.) mm	t2 (max.) mm	Pieces	Weight/g
0205000051000	205-5	123	16,5	10,0	4,4	6	12	20
0205000551001	205-5,5	123	16,5	10,0	4,4	6	12	20
0205000061000	205-6	127	18,0	11,0	4,4	6,9	12	20
0205000071000	205-7	127	18,0	12,5	4,4	6,9	12	22
0205000081000	205-8	139	20,5	14,0	4,7	7,5	12	30
0205000091000	205-9	144	22,5	15,5	4,7	8,1	12	40
0205000101000	205-10	149	24,0	16,5	5,2	8,5	12	40
0205000111000	205-11	162	27,0	18,5	5,3	9,3	12	60
0205000121000	205-12	170	29,0	19,5	5,4	9,8	6	75
0205000131000	205-13	177	30,0	21,0	5,8	10,2	6	75
0205000141000	205-14	194	33,0	22,5	6,3	10,9	6	88
0205000151000	205-15	214	35,5	25,5	6,7	11,7	6	120
0205000161000	205-16	214	35,5	25,5	6,7	11,7	6	120
0205000171000	205-17	234	39,0	27,0	7,2	12,7	6	150
0205000181000	205-18	245	41,0	28,5	7,6	13,3	6	160
0205000191000	205-19	256	41,0	30,0	7,6	13,3	6	190
0205000201000	205-20	274	45,0	33,0	8,0	14,2	6	220
0205000211000	205-21	274	45,0	33,0	8,0	14,2	6	220
0205000221000	205-22	295	48,0	34,5	8,4	15,0	6	290
0205000231000	205-23	319	51,0	37,0	9,0	15,9	3	325
0205000241000	205-24	319	51,0	37,0	9,0	15,9	3	325
0205000251000	205-25	344	55,0	39,0	9,7	17,0	3	390
0205000261000	205-26	344	55,0	39,0	9,7	17,0	3	390
0205000271000	205-27	369	60,0	43,0	10,4	18,5	3	510
0205000281000	205-28	369	60,0	43,0	10,4	18,5	3	510
0205000291000	205-29	394	64,0	45,0	11,2	19,6	3	605
0205000301000	205-30	394	64,0	45,0	11,2	19,6	3	605
0205000321000	205-32	419	69,0	48,0	11,7	20,7	3	770
0205000331000	205-33	419	69,0	48,0	11,7	20,7	3	770
0205000341000	205-34	419	69,0	48,0	11,7	20,7	3	770
0205000361000	205-36	459	77,0	55,0	12,7	22,9	3	950
0205000381000	205-38 / 1.1/2	459	77,0	55,0	12,7	22,9	3	950
0205000411000	205-41 / 1.5/8	509	86,0	61,0	13,7	24,9	3	1350
0205000461000	205-46 / 1.13/16	521	93,0	66,0	14,7	25,8	1	1750
0205000501000	205-50	560	104,0	74,0	16,7	26,6	1	2225
0205000551000	205-55	570	112,0	82,0	19,6	29,0	1	2640
0205000601000	205-60	660	122,0	88,0	21,0	32,0	1	3700
0205000651000	205-65	710	130,0	97,0	23,0	34,0	1	4600
0205000701000	205-70	760	142,0	104,0	25,0	36,0	1	5600
0205000751000	205-75	810	150,0	110,0	27,0	40,0	1	6600
0205000801000	205-80	855	160,0	116,0	30,0	45,0	1	8900

AF"

Code	Number	l/mm	h1 (max.) mm
0205100131000	205A-1/4	127	18,5
0205100171000	205A-5/16	139	20,5
0205100181000	205A-11/32	144	22,5
0205100191000	205A-3/8	149	24,0
0205100211000	205A-7/16	162	27,0
0205100231000	205A-1/2	177	30,0
0205100241000	205A-9/16	194	33,0
0205100251000	205A-19/32	214	35,5
0205100261000	205A-5/8	214	35,5
0205100271000	205A-11/16	234	39,0
0205100281000	205A-3/4	256	41,0
0205100301000	205A-13/16	274	45,0
0205100311000	205A-7/8	295	48,0
0205100321000	205A-15/16	319	51,0
0205100341000	205A-1	344	55,0
0205100351000	205A-1.1/16	369	60,0
0205100361000	205A-1.1/8	369	60,0
0205100371000	205A-1.3/16	394	64,0
0205100381000	205A-1.1/4	419	69,0
0205100391000	205A-1.5/16	419	69,0
0205100401000	205A-1.3/8	459	77,0
0205100411000	205A-1.7/16	459	77,0
0205000381000	205-38 / 1.1/2	459	77,0
0205000411000	205-41 / 1.5/8	509	86,0
0205100451000	205A-1.11/16	509	86,0
0205100461000	205A-1.3/4	521	93,0
0205000461000	205-46 / 1.13/16	521	93,0
0205100481000	205A-1.7/8	521	93,0
0205100491000	205A-2	560	104,0
0205100501000	205A-2.1/16	560	104,0
0205100511000	205A-2.1/8	570	112,0
0205100521000	205A-2.3/16	570	112,0
0205100531000	205A-2.1/4	570	112,0
0205100551000	205A-2.3/8	660	122,0
0205100571000	205A-2.1/2	710	130,0
0205100581000	205A-2.9/16	710	130,0
0205100601000	205A-2.3/4	760	142,0
0205100631000	205A-3	810	150,0
0205100651000	205A-3.1/4	855	160,0

	h2 (max.) mm	t1 (max.) mm	t2 (max.) mm	Pieces	Weight/g
	11,4	4,4	6,9	12	20
	14,0	4,7	7,5	12	30
	15,5	4,7	8,1	12	40
	16,5	5,2	8,5	12	40
	18,5	5,3	9,3	12	60
	21,0	5,8	10,2	6	72
	22,5	6,3	10,9	6	88
	25,5	6,7	11,7	6	120
	25,5	6,7	11,7	6	120
	27,0	7,2	12,7	6	150
	30,0	7,6	13,3	6	175
	33,0	8,0	14,2	6	220
	34,5	8,4	15,0	6	290
	37,0	9,0	15,9	3	325
	39,0	9,7	17,0	3	390
	43,0	10,4	18,5	3	510
	43,0	10,4	18,5	3	510
	45,0	11,2	19,6	3	605
	48,0	11,7	20,7	3	770
	48,0	11,7	20,7	3	770
	55,0	12,7	22,9	3	950
	55,0	12,7	22,9	3	950
	55,0	12,7	22,9	3	950
	61,0	13,7	24,9	3	1350
	61,0	13,7	24,9	3	1340
	66,0	14,7	25,8	1	1750
	66,0	14,7	25,8	1	1750
	66,0	14,7	25,8	1	1750
	74,0	16,7	26,6	1	2200
	74,0	16,7	26,6	1	2200
	82,0	19,6	29,0	1	2900
	82,0	19,6	29,0	1	2900
	82,0	19,6	29,0	1	2900
	88,0	21,0	32,0	1	3900
	97,0	23,0	34,0	1	4700
	97,0	23,0	34,0	1	4700
	104,0	25,0	36,0	1	5600
	110,0	27,0	40,0	1	6600
	116,0	30,0	45,0	1	7500

WW

Code	Number	l/mm	h1 (max.) mm	h2 (max.) mm	t1 (max.) mm	t2 (max.) mm	Pieces	Weight/g
0205200061000	205W-1/8	144	22,5	15,5	4,7	8,1	12	40
0205200091000	205W-3/16	162	27,0	18,5	5,3	9,3	12	60
0205200131000	205W-1/4	177	30,0	21,0	5,8	10,2	6	72
0205200171000	205W-5/16	214	35,5	25,5	6,7	11,7	6	120
0205200191000	205W-3/8	245	41,0	28,5	7,6	13,3	6	175
0205200211000	205W-7/16	274	45,0	33,0	8,0	14,2	6	220
0205200231000	205W-1/2	319	51,0	37,0	9,0	15,9	3	325
0205200241000	205W-9/16	344	55,0	39,0	9,7	17,0	3	390
0205200261000	205W-5/8	369	60,0	43,0	10,4	18,5	3	510
0205200271000	205W-11/16	394	64,0	45,0	11,2	19,6	3	605
0205200281000	205W-3/4	419	69,0	48,0	11,7	20,7	3	770
0205200311000	205W-7/8	459	77,0	55,0	12,7	22,9	3	950
0205200321000	205W-15/16	509	86,0	61,0	13,7	24,9	3	1350
0205200341000	205W-1	509	86,0	61,0	13,7	24,9	3	1340

205S...M, 205S...AF, 205S...W

COMBINATION SPANNER SET

- carton box packed
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738

mm

Code	Number	Contents	Pieces	Weight/g
0205500801000	205S 8M	205- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	920
0205501001000	205S 10M	205- 6, 7, 8, 9, 10, 11, 13, 14, 17, 19 mm	1	775
0205501201000	205S 12M	205- 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, 22 mm	1	1300
0205501201002	205S 12M-1	205- 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm	1	3178
0205501601000	205S 16M	205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm	1	3300
0205501701000	205S 17M	205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	1	1617
0205501801000	205S 18M	205- 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm	1	4600
0205502501000	205S 25M	205- 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	6020
0205502601000	205S 26M	205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm	1	6625

AF"

Code	Number	Contents	Pieces	Weight/g
0205600801000	205S 8AF	205A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF	1	810
0205600801002	205S 8AF-1	205A- 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8", 1 AF	1	1235
0205601101000	205S 11AF	205A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 AF	1	1300
0205601201000	205S 12AF	205A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF	1	2060
0205601601000	205S 16AF	205A- 1/4, 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, 1.1/4 AF	1	3410

WW

Code	Number	Contents	Pieces	Weight/g
0205800601000	205S 6W	205W- 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 WW	1	980
0205800801000	205S 8W	205W- 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4 WW	1	2340
0205801101000	205S 11W	205W- 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 WW	1	3287

205S...MSB, 205S...AFSB

COMBINATION SPANNER SET

- in plastic rolling pouch
- with suspension eye
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738

mm

Code	Number	Contents	Pieces	Weight/g
0205500801500	205S 8MSB	205- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	1000
0205501201500	205S 12MSB	205- 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, 22 mm	1	1250

AF"

Code	Number	Contents	Pieces	Weight/g
0205600801500	205S 8AFSB	205A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF	1	850
0205601201500	205S 12AFSB	205A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8 AF	1	1570

205S...MT

COMBINATION SPANNER SET

- in Tetoron rolling pouch
- with suspension eye
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738

Code	Number	Contents	Pieces	Weight/g
0205500801005	205S 8MT	205- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	1120
0205501201005	205S 12MT	205- 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, 22 mm	1	1500
0205501601005	205S 16MT	205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm	1	3700
0205501701005	205S 17MT	205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	1	1917
0205501801005	205S 18MT	205- 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm	1	5200
0205502601005	205S 26MT	205- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm	1	7125

205-KH9

COMBINATION SPANNER SET

- in black plastic holder
- long version, both ends fit same nut size
- cranked
- jaw polished, shaft matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form B, ISO 3318, ISO 7738

Code	Number	Contents	Pieces	Weight/g
0205500902000	205-KH 9	205- 8, 10, 11, 12, 13, 14, 17, 19, 22 mm	1	1155

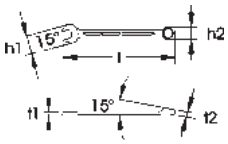
You will find the matching OMS-1 module on page no. 41

You will find the matching MS-8 module on page no. 42

200-...

COMBINATION SPANNER, STAINLESS

- to operate rustless bolted connections
- long version, both ends fit same nut size
- cranked
- no galvanic surface treatment
- ELORA-Stainless Steel X20CR13 / 1.4021
- according to DIN 3113, Form B, ISO 3318, ISO 7738



Code	Number	l/mm	h1 mm	h2 mm	t1 mm	t2 mm	Pieces	Weight/g
0200000080000	200-8	139	21,4	14,2	5,3	7,5	12	30
0200000100000	200-10	149	24,5	17,0	5,8	8,5	12	39
0200000110000	200-11	162	27,7	18,7	6,0	9,3	12	56
0200000130000	200-13	177	30,6	21,3	6,6	10,2	6	68
0200000140000	200-14	194	33,5	22,7	7,0	10,9	6	94
0200000160000	200-16	214	36,0	25,9	7,4	11,7	6	120
0200000170000	200-17	234	39,5	27,2	7,9	12,7	6	142
0200000180000	200-18	245	41,9	28,6	8,3	13,3	6	160
0200000190000	200-19	256	41,9	30,1	8,3	13,3	6	168
0200000220000	200-22	295	48,7	34,9	9,3	15,0	6	272
0200000240000	200-24	319	51,7	37,1	9,8	15,9	3	325
0200000270000	200-27	369	60,1	43,0	11,3	18,5	3	500
0200000300000	200-30	394	64,8	45,9	12,1	19,6	3	605
0200000320000	200-32	419	69,3	48,9	12,7	20,7	3	770

MS-8

COMBINATION SPANNER SET, STAINLESS

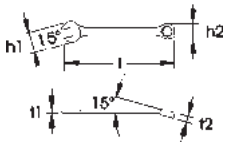
- in plastic box
- to operate rustless bolted connections
- long version, both ends fit same nut size
- cranked
- no galvanic surface treatment
- ELORA-Stainless Steel X20CR13 / 1.4021
- DIN 3113, Form B / ISO 3318
- according to DIN 3113, Form B, ISO 3318, ISO 7738

Code	Number	Contents	Pieces	Weight/g
0000507001000	MS-8	200- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	1000

203-..., 203A...

COMBINATION SPANNER

- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738



mm

Code	Number	l/mm	h1 mm	h2 mm	t1 mm	t2 mm	Pieces	Weight/g
0203000061000	203-6	103	16,0	11,0	4,0	6,0	12	15
0203000071000	203-7	108	16,0	12,5	4,0	6,0	12	15
0203000081000	203-8	112	18,5	14,0	4,2	7,0	12	22
0203000091000	203-9	124	20,5	16,0	4,2	7,0	12	26
0203000101000	203-10	132	21,5	16,5	4,7	7,4	12	33
0203000111000	203-11	142	23,5	18,0	5,3	7,9	12	40
0203000121000	203-12	155	26,0	19,5	5,4	8,4	12	56
0203000131000	203-13	162	28,0	20,5	5,8	8,4	12	57
0203000141000	203-14	172	30,0	22,5	5,9	9,3	12	70
0203000151000	203-15	187	30,5	23,5	6,2	9,3	12	70
0203000161000	203-16	196	34,0	25,5	6,3	10,3	6	90
0203000171000	203-17	208	34,0	26,5	6,3	10,3	6	90
0203000181000	203-18	220	38,0	28,5	6,7	11,3	6	130
0203000191000	203-19	226	40,0	29,5	7,4	11,3	6	130
0203000201000	203-20	230	41,0	31,5	7,6	12,3	6	175
0203000211000	203-21	230	41,0	31,5	7,6	12,3	6	170
0203000221000	203-22	246	46,0	34,0	8,4	12,3	6	170
0203000231000	203-23	270	49,0	36,0	8,6	13,3	3	245
0203000241000	203-24	270	49,0	36,0	8,6	13,3	3	250
0203000251000	203-25	288	54,0	38,0	9,0	13,3	3	320
0203000261000	203-26	288	54,0	38,0	9,5	14,3	3	320
0203000271000	203-27	316	58,0	42,0	10,2	15,4	3	400
0203000281000	203-28	316	58,0	42,0	10,2	15,4	3	400
0203000291000	203-29	339	63,0	45,0	11,2	17,2	3	455
0203000301000	203-30	339	63,0	45,0	11,2	17,2	3	510
0203000321000	203-32	362	66,0	48,0	11,8	18,6	3	600
0203000341000	203-34	390	72,0	50,0	13,5	20,0	3	720

AF"

Code	Number	l/mm	h1 mm	h2 mm	t1 mm	t2 mm	Pieces	Weight/g
0203100131000	203A-1/4	103	16,0	11,0	4,0	6,0	12	15
0203100171000	203A-5/16	112	18,5	14,0	4,2	7,0	12	22
0203100191000	203A-3/8	132	21,5	16,5	4,7	7,4	12	33
0203100211000	203A-7/16	142	23,5	18,0	5,3	7,9	12	40
0203100231000	203A-1/2	155	26,0	19,5	5,4	8,4	12	52
0203100241000	203A-9/16	172	30,0	22,5	5,9	9,3	12	70
0203100261000	203A-5/8	196	34,0	25,5	6,3	10,3	6	90
0203100271000	203A-11/16	196	34,0	25,5	6,3	10,3	6	90
0203100281000	203A-3/4	226	40,0	29,5	7,4	11,3	6	130
0203100301000	203A13/16	230	41,0	31,5	7,6	12,3	6	175
0203100311000	203A-7/8	246	46,0	34,0	8,4	12,3	6	170
0203100321000	203A-15/16	270	49,0	36,0	8,6	13,3	3	250
0203100341000	203A-1	288	54,0	38,0	9,0	14,3	3	320
0203100351000	203A-1.1/16	316	58,0	42,0	10,2	15,4	3	400
0203100361000	203A-1.1/8	316	58,0	42,0	10,2	15,4	3	395
0203100371000	203A-1.3/16	339	63,0	45,0	11,2	17,2	3	510
0203100381000	203A-1.1/4	362	66,0	48,0	11,8	18,6	3	600

203S...M, 203S...AF

COMBINATION SPANNER SET

- carton box packed
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738

mm

Code	Number	Contents	Pieces	Weight/g
0203500801000	203S 8M	203- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	610
0203500801002	203S 8M-1	203- 8, 9, 10, 11, 13, 14, 17, 19 mm	1	470
0203501001000	203S 10M	203- 6, 7, 8, 9, 10, 11, 13, 14, 17, 19 mm	1	520
0203501201000	203S 12M	203- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 mm	1	860
0203501201002	203S 12M-1	203- 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm	1	2400
0203501601000	203S 16M	203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm	1	2470
0203501701000	203S 17M	203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	1	1380
0203501801000	203S 18M	203- 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm	1	4600
0203502501000	203S 25M	203- 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	4500
0203502601000	203S 26M	203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm	1	4840

AF"

Code	Number	Contents	Pieces	Weight/g
0203600801000	203S 8AF	203A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF	1	480
0203601001000	203S 10AF	203A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 AF	1	800
0203601201000	203S 12AF	203A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF	1	2060
0203601601000	203S 16AF	203A- 1/4, 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, 1.1/4 AF	1	3410

203S...MSB, 203S...ASB

COMBINATION SPANNER SET

- in plastic rolling pouch
- with suspension eye
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738

mm

Code	Number	Contents	Pieces	Weight/g
0203500801500	203S 8MSB	203- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	670
0203501201500	203S 12MSB	203- 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22 mm	1	800

AF"

Code	Number	Contents	Pieces	Weight/g
0203600801500	203S 8ASB	203A- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 AF	1	600
0203601001500	203S 10ASB	203A- 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 AF	1	800

203S...MT

COMBINATION SPANNER SET

- in Tetoron rolling pouch
- with suspension eye
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738

mm

Code	Number	Contents	Pieces	Weight/g
0203500801005	203S 8MT	203- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	810
0203501201005	203S 12MT	203- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 mm	1	1060

203-KH9

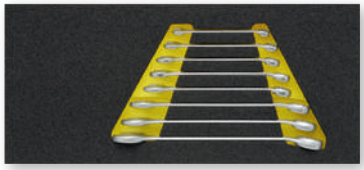
COMBINATION SPANNER SET

- in black plastic holder
- short version, both ends fit same nut size
- bent
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3113, Form A, ISO 3318, ISO 7738

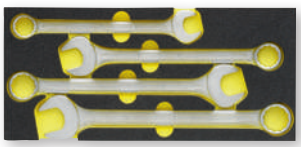
mm

Code	Number	Contents	Pieces	Weight/g
0203500902000	203-KH 9	203- 8, 10, 11, 12, 13, 14, 17, 19, 22 mm	1	860

You will find the matching OMS-9 module on page no. ...



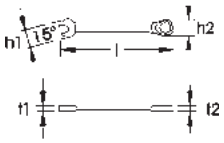
You will find the matching OMS-22 module on page no. ...



204-...

COMBINATION SPANNER WITH RING RATCHET

- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



mm

Code	Number	l/mm	h1 mm	h2 mm	t1 mm	t2 mm	Pieces	Weight/g
0204000071000	204-7	140	16,0	17,0	5,0	7,3	6	30
0204000081000	204-8	140	16,0	17,0	5,0	7,3	6	40
0204000091000	204-9	150	18,5	18,5	5,0	7,3	6	45
0204000101000	204-10	160	20,5	20,5	5,5	7,5	6	50
0204000111000	204-11	165	22,5	22,0	6,0	7,8	6	60
0204000121000	204-12	170	25,0	22,5	6,0	8,5	6	75
0204000131000	204-13	180	27,0	25,0	6,5	9,5	6	90
0204000141000	204-14	190	28,5	27,0	7,0	9,5	6	105
0204000151000	204-15	200	31,0	28,5	7,0	9,5	6	125
0204000161000	204-16	210	33,0	29,5	7,0	10,3	6	145
0204000171000	204-17	225	35,0	32,0	8,0	10,3	6	160
0204000181000	204-18	235	37,0	32,0	8,0	10,8	6	190
0204000191000	204-19	245	38,5	34,5	8,5	11,5	6	230
0204000221000	204-22	290	45,0	41,0	9,5	13,5	6	325
0204000241000	204-24	320	45,0	41,0	9,3	14,0	6	460
0204000271000	204-27	355	55,0	49,0	10,0	16,0	6	640
0204000301000	204-30	385	62,0	54,5	10,0	17,0	6	795
0204000321000	204-32	415	67,0	58,0	10,0	17,0	6	955

AF"

Code	Number	l/mm	h1 mm	h2 mm	t1 mm	t2 mm	Pieces	Weight/g
0204100171000	204A-5/16	140	16,0	17,0	5,0	7,3	6	30
0204100191000	204A-3/8	160	20,5	20,5	5,5	7,3	6	50
0204100211000	204A-7/16	165	22,5	22,0	6,0	7,8	6	60
0204100231000	204A-1/2	180	27,0	25,0	6,5	9,5	6	90
0204100241000	204A-9/16	190	28,5	27,0	7,0	9,5	6	105
0204100261000	204A-5/8	210	33,0	29,5	7,0	10,3	6	145
0204100271000	204A-11/16	225	35,0	32,0	8,0	10,3	6	160
0204100281000	204A-3/4	245	38,5	34,5	8,5	115	6	230
0204100301000	204A-13/16	275	43,0	38,0	9,0	12,5	6	320
0204100311000	204A-7/8	290	45,0	41,0	9,5	13,5	6	325
0204100321000	204A-15/16	320	52,0	45,0	9,5	14,0	6	460
0204100341000	204A-1	320	52,0	45,0	9,5	14,0	6	460

204-S8M

SET-COMBINATION SPANNER WITH RING RATCHET

- carton box packed
- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	Contents	Pieces	Weight/g
0204500081000	204-S8M	204- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-...	1	760

204-S8MT

SET-COMBINATION SPANNER WITH RING RATCHET

- in Tetoron rolling pouch
- with suspension eye
- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Contents	Pieces	Weight/g
0204500081005	204-S8MT	204- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	1215

204-S8M OMS

SET-COMBINATION SPANNER WITH RING RATCHET

- in solid black metal case with OMS hard foam insert with yellow signal colour, oil and grease resistant
- straight version, both ends fit same nut size
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptor No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Contents	Pieces	Weight/g
0204500081002	204-S8M OMS	204- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-...	1	2078

You will find the matching adapters on page no. 79

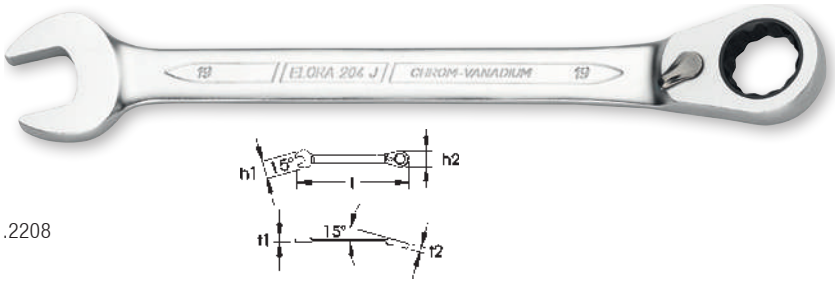
You will find the matching OMS-30 module on page no. 42

You will find the matching MS-10 module on page no. 55

204-J-...

COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	l/mm	h1 mm	h2 mm	t1 mm	t2 mm	Pieces	Weight/g
0204000063000	204-J 6	125	15,0	16,0	5,0	7,3	6	30
0204000073000	204-J 7	140	16,0	17,0	5,0	7,3	6	30
0204000083000	204-J 8	140	16,0	17,0	5,0	7,3	6	40
0204000093000	204-J 9	140	18,5	18,5	5,0	7,3	6	45
0204000103000	204-J 10	150	20,5	20,5	5,5	7,5	6	55
0204000113000	204-J 11	160	22,5	22,0	6,0	7,8	6	65
0204000123000	204-J 12	165	25,0	22,5	6,0	8,5	6	85
0204000133000	204-J 13	170	27,0	25,0	6,5	9,5	6	95
0204000143000	204-J 14	180	28,5	27,0	7,0	9,5	6	125
0204000153000	204-J 15	190	31,0	28,5	7,0	9,5	6	125
0204000163000	204-J 16	200	33,0	29,5	7,0	10,3	6	160
0204000173000	204-J 17	210	35,0	32,0	8,0	10,3	6	180
0204000183000	204-J 18	225	37,0	32,0	8,0	10,8	6	205
0204000193000	204-J 19	235	38,5	34,5	8,5	11,5	6	235
0204000223000	204-J 22	290	45,0	41,0	9,5	13,5	6	375
0204000243000	204-J 24	320	45,0	41,0	9,5	14,0	6	505

204-JS8M

SET-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- carton box packed
- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Contents	Pieces	Weight/g
0204500083000	204-J S8M	204J- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-...	1	960

204-JS8MT

SET-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- in Teteron rolling pouch
- with suspension eyes
- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Contents	Pieces	Weight/g
0204500083005	204J-S8MT	204J- 8, 10, 11, 13, 14, 17, 19, 22 mm	1	1325

204-JS8M OMS

SET-COMBINATION SPANNER WITH RING RATCHET, REVERSIBLE

- in solid black metal case with OMS hard foam insert with yellow signal colour, oil and grease resistant
- both ends fit same nut size
- bent, reversible ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Contents	Pieces	Weight/g
0204500083002	204-J S8M OMS	204J- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor, details see Art.-No. 118-...	1	2143

You will find the matching adapters on page no. 79

You will find the matching OMS-33 module on page no. 42

204-R...

COMBINATION SPANNER WITH JOINT-RING RATCHET

- both ends fit same nut size
- 180° swivel-type ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0204000082000	204-R 8	136	6	40
0204000092000	204-R 9	158	6	59
0204000102000	204-R 10	158	6	59
0204000112000	204-R 11	175	6	70
0204000122000	204-R 12	175	6	77
0204000132000	204-R 13	185	6	85
0204000142000	204-R 14	193	6	103
0204000152000	204-R 15	213	6	130
0204000162000	204-R 16	213	6	140
0204000172000	204-R 17	231	6	184
0204000182000	204-R 18	249	6	190
0204000192000	204-R 19	249	6	194

204-RS8M

SET-COMBINATION SPANNER WITH JOINT RING RATCHET

- carton box packed
- both ends fit same nut size
- 180° swivel-type ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Contents	Pieces	Weight/g
0204500082000	204-R S8M	204-R- 8, 9, 10, 12, 13, 14, 17, 19 mm 118- 1, 2, 3, 4 Adapter Drives for 1/4", 3/8", 1/2" and 1/4" Bit-Adaptor	1	900

204RS12M

COMBINATION SPANNER WITH JOINT RING RATCHET SET

- carton box packed
- both ends fit same nut size
- 180° swivel-type ringside
- smallest possible swivel angle 5 °
- high torque transmission
- ground heads
- matt chrome plated
- using ELORA Adaptors No. 118-..., wrench will be usable as (bit-) ratchet
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

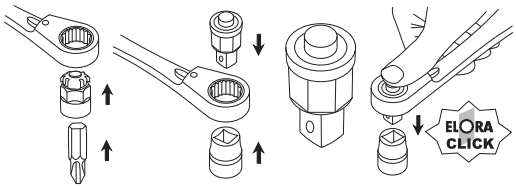
Code	Number	Contents	Pieces	Weight/g
0204500122000	204RS 12M	204R- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm	1	1330

You will find the matching OMS-32 module on page no. 43

118-.../118S4

ADAPTOR FOR RING RATCHET SPANNER

- with button for quick release and change of tools
- chrome-plated, polished
- Chrome -Vanadium 31CrV3 / 1.2208



mm	
12,5	1/2"
10	3/8"
6,3	1/4"

Code	Number	Bit Adaption	Male Square ■	Drive mm	Pieces	Weight/g
0118000011000	118-1	1/4	-	10	10	10
0118000021000	118-2	-	1/4	10	10	10
0118000031000	118-3	-	3/8	13	10	25
0118000041000	118-4	-	1/2	19	10	55
0118530041000	118 S4	Adaptorset, 4-pcs, 118- 1, 2, 3, 4			1	100

202-..., 202BA-...

COMBINATION SPANNER, EXTRA SHORT

- extra short series
- both ends fit same nut size
- jaw set at 15°, ring 15° bent
- chrome plated, polished
- up to 5 mm and 6 BA: ring side in hexagon, all others bi-hexagon
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	l/mm	Pieces	Weight/g
0202000041000	202-4	80	12	10
0202000451000	202-4,5	80	12	10
0202000051000	202-5	80	12	10
0202000551000	202-5,5	90	12	13
0202000061000	202-6	90	12	13
0202000071000	202-7	100	12	20
0202000081000	202-8	100	12	20
0202000091000	202-9	110	12	27
0202000101000	202-10	110	12	27

BA

Code	Number	l/mm	Pieces	Weight/g
0202300061000	202BA-6	80	12	10
0202300041000	202BA-4	90	12	13
0202300021000	202BA-2	100	12	20
0202300001000	202BA-0	110	12	27

202S...M

COMBINATION SPANNER SET, EXTRA SHORT

- in black plastic pouch
- with suspension eye
- extra short series
- both ends fit same nut size
- jaw set at 15°, ring 15° bent
- chrome plated, polished
- up to 5 mm and 6 BA: ring side in hexagon, all others bi-hexagon
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	Contents	Pieces	Weight/g
0202500601000	202S 6M	202- 5, 5,5, 6, 7, 8, 10 mm	1	125
0202500801000	202S 8M	202- 4, 4,5, 5, 5,5, 6, 7, 8, 10 mm	1	150

BA

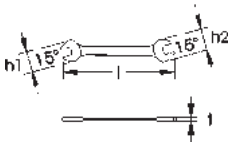
Code	Number	Contents	Pieces	Weight/g
0202800401000	202S 4BA	202BA- 6, 4, 2, 0 BA	1	85

ELORA

100-..., 100A-...

DOUBLE OPEN ENDED SPANNER

- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102



02

mm

Code	Number	l/mm	h1 mm	h2 mm	t mm	Pieces	Weight/g
0100004051000	100-4x5	97	11,0	12,5	3,0	12	16
0100045551000	100-4,5x5,5	97	11,0	12,5	3,0	12	16
0100055071000	100-5,5x7	125	14,2	16,2	3,5	12	24
0100006071000	100-6x7	125	14,2	16,2	3,5	12	24
0100006081000	100-6x8	125	14,2	16,2	3,5	12	24
0100007081000	100-7x8	140	18,2	20,2	4,0	12	24
0100008091000	100-8x9	140	18,2	20,2	4,0	12	36
0100008101000	100-8x10	140	18,2	22,1	4,0	12	36
0100008111000	100-8x11	140	18,2	22,1	4,0	12	52
0100009101000	100-9x10	140	18,2	22,1	4,0	12	36
0100010111000	100-10x11	155	22,1	24,1	4,5	12	52
0100010121000	100-10x12	162	22,1	26,1	4,7	12	52
0100010131000	100-10x13	162	22,1	28,1	4,7	12	74
0100011131000	100-11x13	172	26,1	28,1	5,0	12	74
0100012131000	100-12x13	172	26,1	28,1	5,0	12	74
0100012141000	100-12x14	172	26,1	30,1	5,0	12	74
0100013141000	100-13x14	188	28,1	30,1	5,5	12	95
0100013151000	100-13x15	188	30,1	32,1	5,5	12	95
0100014151000	100-14x15	188	30,1	32,1	5,5	12	95
0100013161000	100-13x16	205	28,1	36,0	6,2	12	124
0100013171000	100-13x17	205	28,1	36,0	6,2	12	124
0100014171000	100-14x17	205	30,1	36,0	6,2	12	124
0100016171000	100-16x17	205	34,1	36,0	6,2	12	126
0100016181000	100-16x18	220	34,1	37,9	7,0	12	126
0100017191000	100-17x19	220	36,0	39,9	7,0	6	170
0100018191000	100-18x19	220	37,9	39,9	7,0	6	170
0100018211000	100-18x21	235	39,9	46,0	7,5	6	185
0100019221000	100-19x22	235	39,9	46,0	7,5	6	235
0100019241000	100-19x24	248	39,9	50,0	8,3	6	235
0100020221000	100-20x22	235	42,1	46,0	7,5	6	240
0100021221000	100-21x22	235	42,1	46,0	7,5	6	240
0100021231000	100-21x23	248	44,0	48,0	8,3	6	270
0100021241000	100-21x24	248	44,0	48,0	8,3	6	270
0100022241000	100-22x24	248	46,0	50,0	8,3	6	290
0100024261000	100-24x26	265	50,0	54,0	8,8	6	340
0100024271000	100-24x27	265	50,0	56,0	8,8	6	340
0100024301000	100-24x30	282	50,0	61,7	9,3	3	375
0100025281000	100-25x28	282	52,0	57,7	9,3	3	375
0100027291000	100-27x29	300	56,0	59,3	9,8	3	450
0100027301000	100-27x30	300	56,0	61,7	9,8	3	450
0100027321000	100-27x32	300	56,0	65,7	9,8	3	460
0100030321000	100-30x32	300	61,7	65,7	9,8	3	460
0100030341000	100-30x34	325	61,7	76,0	10,4	3	650
0100032341000	100-32x34	325	65,7	76,0	10,4	3	650
0100030361000	100-30x36	325	61,7	76,0	10,4	3	650
0100032361000	100-32x36	325	65,7	76,0	10,4	3	650
0100034361000	100-34x36	330	71,0	76,0	10,4	3	670
0100036411000	100-36x41	360	76,0	87,0	12,0	3	860
0100038421000	100-38x42	360	76,0	87,0	12,0	3	860
0100041461000	100-41x46	400	87,0	98,0	12,5	2	1120
0100046501000	100-46x50	450	98,0	107,0	13,0	2	1610
0100055601000	100-55x60	560	113,0	123,0	18,0	1	3020

AF"

Code	Number	l/mm	h1 mm	h2 mm	t mm	Pieces	Weight/g
0100113171000	100A-1/4x5/16	125	14,2	16,2	3,5	12	24
0100117191000	100A-5/16x3/8	140	18,2	20,2	4,0	12	36
0100119211000	100A-3/8x7/16	155	22,1	24,1	4,5	12	52
0100121231000	100A-7/16x1/2	172	26,1	28,1	5,00	12	74
0100123241000	100A-1/2x9/16	188	28,1	30,1	5,5	12	95
0100124261000	100A-9/16x5/8	188	30,1	32,1	5,5	12	95
0100126271000	100A-5/8x11/16	205	34,1	36,0	6,2	6	126
0100126281000	100A-5/8x3/4	205	34,1	36,0	6,2	6	126
0100127281000	100A-11/16x3/4	220	36,0	39,9	7,0	6	170
0100128291000	100A-3/4x25/32	220	37,9	39,9	7,0	6	185
0100128311000	100A-3/4x7/8	235	39,9	46,0	7,5	6	235
0100130311000	100A-13/16x7/8	235	42,1	46,0	7,5	6	240
0100132341000	100A-15/16x1	265	50,0	54,0	8,8	6	340
0100134361000	100A-1x1.1/8	265	50,0	56,0	8,8	3	375
0100135361000	100A-1.1/16x1.1/8	300	56,0	59,3	9,8	3	450
0100135381000	100A-1.1/16x1.1/4	300	56,0	65,7	9,8	3	460
0100137391000	100A-1.3/16x1.5/16	325	61,7	76,0	10,4	3	460
0100138401000	100A-1.1/4x1.3/8	325	65,7	76,0	10,4	3	650
0100138411000	100A-1.1/4x1.7/16	325	65,7	76,0	10,4	3	650
0100139421000	100A-1.5/16x1.1/2	325	65,7	76,0	10,4	3	650
0100140421000	100A-1.3/8x1.1/2	325	65,7	76,0	10,4	3	670
0100141441000	100A-1.7/16x1.5/8	360	76,0	87,0	12,0	3	860
0100142441000	100A-1.1/2x1.5/8	360	76,0	87,0	12,0	3	860
0100146491000	100A-1.3/4x2	450	98,0	107,0	13,0	2	1610
0100147491000	100A-1.13/16x2	450	98,0	107,0	13,0	2	1610
0100148501000	100A-1.7/8x2.1/16	450	98,0	107,0	13,0	2	1610
0100152551000	100A-2.3/16x2.3/8	560	113,0	123,0	18,0	1	3020

100S-...M, 100S-...AF

DOUBLE OPEN ENDED SPANNER SET

- carton boxed packed
- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102

mm

Code	Number	Contents	Pieces	Weight/g
0100500601000	100S 6M	100- 8×9, 10×11, 12×13, 14×15,16×17, 18×19 mm	1	615
0100500801000	100S 8M	100- 6x7, 8×9, 10×11, 12×13, 14×15,16×17, 18×19, 20x22 mm	1	860
0100500821000	100S 8DIN	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm	1	890
0100501001000	100S 10M	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27 mm	1	1520
0100501021002	100S 10DIN-1	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22, 24×26, 27×32 mm	1	1617
0100501011000	100S 101M	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 24×27, 30×32 mm	1	1715
0100501031000	100S 101DIN	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22, 24×26, 30×34 mm	1	1800
0100501201000	100S 12M	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27, 25×28, 30×32 mm	1	2420
0100501221000	100S 12DIN	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×26, 27×32 30×34 mm	1	2610

AF"

Code	Number	Contents	Pieces	Weight/g
0100600601000	100S 6AF	100A- 5/16×3/8, 7/16×1/2, 9/16×5/8, 11/16×3/4, 13/16×7/8, 15/16×1 AF	1	980
0100600801000	100S 8AF	100A- 1/4×5/16, 5/16×3/8, 7/16×1/2, 9/16×5/8, 11/16×3/4, 13/16×7/8, 15/16×1, 1.1/16×1.1/4 AF	1	1500
0100601201000	100S 12AF	100A- 1/4×5/16, 5/16×3/8, 3/8×7/16, 7/16×1/2, 1/2×9/16, 9/16×5/8, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1, 1×1.1/8, 1.1/16×1.1/4 AF	1	2100

100-KH 9

DOUBLE OPEN ENDED SPANNER SET

- in black plastic holder
- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102

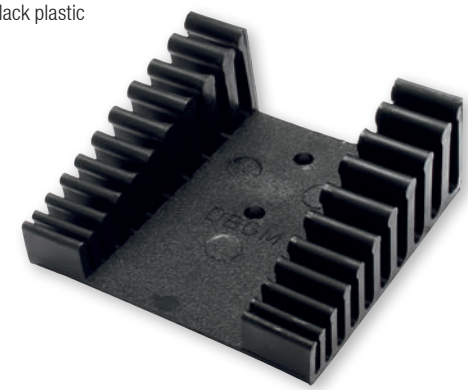
mm

Code	Number	Contents	Pieces	Weight/g
0100500902000	100-KH 9	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23 mm	1	1187

100SH

HOLDER FOR DOUBLE OPEN ENDED SPANNER SET

- for double open-ended spanner sets of 8, 10 and 12 pcs. ELORA-No.100, for fitting on tool boards and in tool cabinets
- solid black plastic

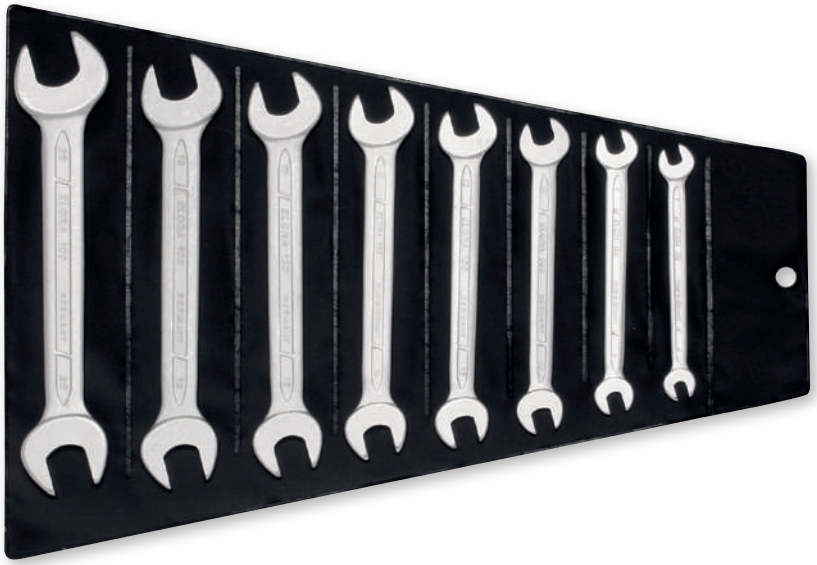


Code	Number	suitable for	Pieces	Weight/g
0100500857000	100S H 8	ELORA-Nr.100S 8M, 100S 8DIN, 100S 8AF	1	19
0100501057000	100S H 10	ELORA-Nr.100S 10M	1	26
0100501257000	100S H 12	ELORA-Nr.100S 12M, 100S 12AF	1	38

100S...MSB, 100S...AFSB

DOUBLE OPEN ENDED SPANNER SET

- in plastic rolling pouch
- with suspension eye
- matt chrome plated, heads ground
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3110, ISO 3318, ISO 1085, ISO 10102



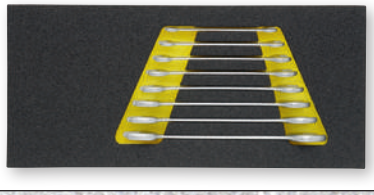
mm

Code	Number	Contents	Pieces	Weight/g
0100500601500	100S 6MSB	100- 6×7, 8×9, 10×11, 12×13, 14×15,16×17 mm	1	495
0100500801500	100S 8MSB	100- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18x19, 20x22 mm	1	830
0100500821500	100S 8SBDIN	100- 6×7, 8×9, 10×11, 12×13, 14×15,16×17, 18x19, 21x22 mm	1	830

AF"

Code	Number	Contents	Pieces	Weight/g
0100600601500	100S 6AFSB	100A- 1/4×5/16, 5/16×3/8, 7/16×1/2, 9/16×5/8, 11/16×3/4, 13/16×7/8 AF	1	730
0100600801500	100S 8AFSB	100A- 1/4×5/16, 5/16×3/8, 3/8×7/16, 7/16×1/2, 1/2×9/16, 5/8×11/16, 3/4×7/8, 15/16×1 AF	1	1140

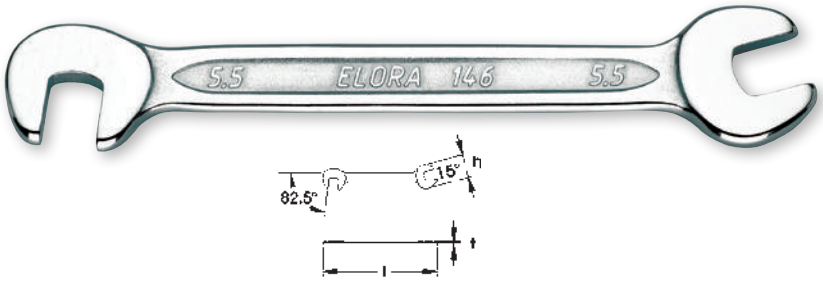
You will find the matching OMS-15 module on page no. 41



146-..., 146A-...

OBSTRUCTION WRENCH

- for difficult application areas
- small version
- both ends fit same nut size
- extra thin ground jaws
- offset jaw position
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



mm

Code	Number	l/mm	h mm	t mm	Pieces	Weight/g
0146000401000	146-4x4	74	10,3	3,0	12	6
0146000451000	146-4,5x4,5	74	10,3	3,0	12	6
0146000501000	146-5x5	74	10,3	3,0	12	6
0146000551000	146-5,5x5,5	84	15,7	3,0	12	11
0146000601000	146-6x6	84	15,7	3,0	12	11
0146000701000	146-7x7	84	15,7	3,0	12	11
0146000801000	146-8x8	93	20,6	3,0	12	20
0146000901000	146-9x9	93	20,6	3,0	12	20
0146001001000	146-10x10	114	23,6	3,2	12	28
0146001101000	146-11x11	114	23,6	3,2	12	28
0146001201000	146-12x12	136	28,5	3,8	12	45
0146001301000	146-13x13	136	28,5	3,8	12	45
0146001401000	146-14x14	136	28,5	3,8	12	45
0146001501000	146-15x15	156	32,4	3,8	12	65
0146001601000	146-16x16	156	32,4	4,5	12	65
0146001701000	146-17x17	156	32,4	4,5	12	65

AF"

Code	Number	l/mm	h mm	t mm	Pieces	Weight/g
0146100081000	146A-5/32x5/32	74	10,3	3,0	12	6
0146100091000	146A-3/16x3/16	74	10,3	3,0	12	6
0146100111000	146A-7/32x7/32	84	15,7	3,0	12	11
0146100151000	146A-9/32x9/32	84	15,7	3,0	12	11
0146100171000	146A-5/16x5/16	93	20,6	3,0	12	20
0146100181000	146A-11/32x11/32	93	20,6	3,0	12	20
0146100191000	146A-3/8x3/8	93	20,6	3,0	12	20
0146100211000	146A-7/16x7/16	114	23,6	3,2	12	28
0146100221000	146A-15/32x15/32	136	28,5	3,8	12	45
0146100231000	146A-1/2x1/2	136	28,5	3,8	12	45
0146100241000	146A-9/16x9/16	136	28,5	3,8	12	45
0146100261000	146A-5/8x5/8	156	32,4	4,5	12	65

146S-...

OBSTRUCTION WRENCH SET

- 8- and 10-pieces: in black plastic pouch with suspension eye
- 12- and 14-pieces: carton box packed
- for difficult application areas
- small version
- both ends fit same nut size
- extra thin ground jaws
- offset jaw position
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

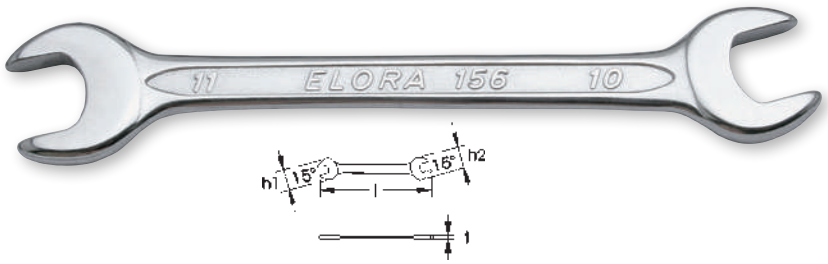
mm

Code	Number	Contents	Pieces	Weight/g
0146500801000	146S8M	146- 4×4, 5×5, 6×6, 7×7, 8×8, 9×9, 10×10, 11×11 mm	1	145
0146501001000	146S10M	146- 4×4, 5×5, 6×6, 7×7, 8×8, 9×9, 10×10, 11×11, 12×12, 13×13 mm	1	230
0146501201000	146S12M	146- 4×4, 4,5×4,5, 5×5, 5,5×5,5, 6×6, 7×7, 8×8, 9×9, 10×10, 11×11, 12×12, 13×13 mm	1	350
0146501401000	146S14M	146- 4×4, 4,5×4,5, 5×5, 5,5×5,5, 6×6, 7×7, 8×8, 9×9, 10×10, 11×11, 12×12, 13×13, 14×14, 17×17 mm	1	365

156-..., 156A-..., 156BA-...

MIDGET OPEN ENDED SPANNER

- small version
- thin, ground heads
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



mm
AF"
BA

Code mm	Number	l/mm	h1 mm	h2 mm	t mm	Pieces	Weight/g
0156025321000	156-2,5x3,2	80	10,0	11,0	3,0	12	8
0156003351000	156-3x3,5	80	10,0	11,0	3,0	12	8
0156032041000	156-3,2x4	80	10,0	11,0	3,0	12	8
0156035451000	156-3,5x4,5	80	10,0	11,0	3,0	12	8
0156004451000	156-4x4,5	80	10,0	11,0	3,0	12	8
0156004051000	156-4x5	80	10,0	11,0	3,0	12	8
0156045551000	156-4,5x5,5	86	11,0	12,0	3,0	12	8
0156004061000	156-4x6	86	11,0	12,0	3,0	12	12
0156005551000	156-5x5,5	86	11,0	12,0	3,0	12	12
0156055071000	156-5,5x7	92	13,0	14,0	3,0	12	14
0156006071000	156-6x7	92	13,0	14,0	3,0	12	14
0156007081000	156-7x8	98	16,0	18,0	3,2	12	15
0156008091000	156-8x9	98	16,0	18,0	3,2	12	15
0156008101000	156-8x10	105	18,0	20,0	4,0	12	22
0156010111000	156-10x11	105	18,0	20,0	4,0	12	22
0156012131000	156-12x13	112	22,0	24,0	4,2	12	26

Code AF	Number	l/mm	h1 mm	h2 mm	t mm	Pieces	Weight/g
0156106091000	156A-1/8x3/16	80	10,0	11,0	3,0	12	8
0156108101000	156A-5/32x13/64	80	10,0	11,0	3,0	12	8
0156109151000	156A-3/16x9/32	80	10,0	11,0	3,0	12	8
0156111121000	156A-7/32x15/64	86	11,0	12,0	3,0	12	14
0156109131000	156A-3/16x1/4	92	13,0	14,0	3,0	12	12
0156113171000	156A-1/4x5/16	98	16,0	18,0	3,2	12	15
0156115171000	156A-9/32x5/16	98	16,0	18,0	3,2	12	15
0156118191000	156A-11/32x3/8	105	18,0	20,0	4,0	12	22
0156121231000	156A-7/16x1/2	112	22,0	24,0	4,2	12	26

Code BA	Number	l/mm	h1 mm	h2 mm	t mm	Pieces	Weight/g
0156308061000	156BA-8x6	80	10,0	11,0	3,0	12	8
0156306041000	156BA-6x4	86	11,0	12,0	3,0	12	12
0156305041000	156BA-5x4	80	10,0	11,0	3,0	12	8
0156305031000	156BA-5x3	86	11,0	12,0	3,0	12	12
0156304021000	156BA-4x2	98	16,0	18,0	3,2	12	15
0156301001000	156BA-1x0	105	18,0	20,0	4,0	12	12

156S...M, 156S...AF, 156S...BA

MIDGET OPEN ENDED SPANNER-SET

- in black plastic pouch
- with suspension eye
- small type
- thin, ground heads
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm
AF"
BA

Code mm	Number	Contents	Pieces	Weight/g
0156500601000	156S6M	156- 3,2×4, 3,5×4,5, 5×5,5, 6×7, 8×9, 10×11 mm	1	88
0156501201000	156S12M	156- 3×3,5, 3,2×4, 3,5×4,5, 4×5, 5×5,5, 5,5×7, 6×7, 7×8, 8×9, 8×10, 10×11, 12×13 mm	1	180

Code AF	Number	Contents	Pieces	Weight/g
0156600601000	156S6AF	156A- 1/8×3/16, 5/32×13/64, 7/32×15/64, 1/4×5/16, 9/32×5/16, 11/32×3/8 AF	1	92

Code BA	Number	Contents	Pieces	Weight/g
0156700501000	156S5BA	156BA- 8×6, 6×4, 5×3, 4×2, 1×0 BA	1	96

157S...

IGNITION SPANNER-SET

- nickel plated
- hardened sheet steel

mm
AF"

Code	Number	Contents	Pieces	Weight/g
0157501103000	157S11M	Open Ended Spanner 4, 4,5, 5, 5,5, 6, 6,5, 7, 7,5 mm 1 Screwdriver, 1 Contact file, 1 Feeler gauge 0,4 mm	1	47
0157601103000	157S11AF	Open Ended Spanner 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 AF 1 Screwdriver, 1 Contact file, 1 Feeler gauge 0,4 mm	1	53

60-...MB

ADJUSTABLE WRENCH

- with precise and well readable preset-scale in mm graduation
- right-handed roll
- jaw set at 15°
- polished head, chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787

Code	Number	Span Width mm	l/mm	l/ Inch	Pieces	Weight/g
0060000042000	60-4MB	13	110	4	1	60
0060000062000	60-6MB	19	160	6	1	110
0060000082000	60-8MB	27	210	8	1	210
0060000102000	60-10MB	30	260	10	1	330
0060000122000	60-12MB	33	310	12	1	560
0060000152000	60-15MB	43	380	15	1	965
0060000182000	60-18MB	54	450	18	1	1500

60-...A

ADJUSTABLE WRENCH

- with precise and well readable preset-scale in mm graduation
- Swedish Pattern
- left-handed roll
- jaw set at 15°
- phosphated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787

Code	Number	Span Width mm	l/mm	l/ Inch	Pieces	Weight/g
0060000045100	60-4A	13	110	4	1	60
0060000065100	60-6A	19	160	6	1	110
0060000085100	60-8A	27	210	8	1	210
0060000105100	60-10A	30	260	10	1	330
0060000125100	60-12A	33	310	12	1	560
0060000155100	60-15A	43	380	15	1	965
0060000185100	60-18A	54	450	18	1	1500
0060000245100	60-24A	62	612	24	1	3560

62-BI-...

ADJUSTABLE WRENCH "XTRA"

- premium industrial quality
- 25% wider jaw capacity
- thinner and longer jaws
- with precise and easy readable preset-scale
- millimeter graduation
- right-handed roll
- jaw set at 15°
- ergonomic and slip-resistant plastic handle
- polished head, chrome-plated
- ELORA-Chrome-Vanadium 31CrV 3/ 1.2208
- according to ISO 6787

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0062000062000	62-BI 6	24	162	6,4	1	190
0062000082000	62-BI 8	30	209	8,2	1	340
0062000102000	62-BI 10	34	260	10,2	1	540
0062000122000	62-BI 12	43	312	12,3	1	885

61-MB...

ADJUSTABLE WRENCH "ECONOMY"

- with precise and well readable preset-scale in mm graduation
- head ground, chrome-plated
- Swedish pattern, left-handed roll
- jaw set at 15°
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0061000062000	61-MB 6	19	150	6	1	110
0061000082000	61-MB 8	27	200	8	1	210
0061000102000	61-MB 10	30	250	10	1	330
0061000122000	61-MB 12	33	300	12	1	560
0061000152000	61-MB 15	43	380	15	1	965
0061000182000	61-MB 18	54	455	18	1	1500

61MB S3

ADJUSTABLE WRENCH SET "ECONOMY"

- carton box packed
- with precise and well readable preset-scale in mm graduation
- head ground, chrome-plated
- Swedish pattern, left-handed roll
- jaw set at 15°
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 6787 7

Code	Number	Contents	Pieces	Weight/g
0061500031000	61MB S3	61-MB 8, 10, 12	1	1100

894-...

SINGLE OPEN-ENDED SPANNER

- jaw set at 15°, gun metal finish
- high grade tool steel
- according to DIN 894 / ISO 3318

mm

Code	Number	l/mm	Pieces	Weight/g
0894000065100	894-6	75	10	8
0894000075100	894-7	80	10	10
0894000085100	894-8	95	10	16
0894000095100	894-9	100	10	20
0894000105100	894-10	105	10	21
0894000115100	894-11	115	10	27
0894000125100	894-12	125	10	30
0894000135100	894-13	130	10	36
0894000145100	894-14	140	10	42
0894000155100	894-15	145	10	42
0894000165100	894-16	160	10	65
0894000175100	894-17	160	10	62
0894000185100	894-18	170	10	78
0894000195100	894-19	170	10	84
0894000215100	894-21	195	10	115
0894000225100	894-22	195	10	102
0894000245100	894-24	215	10	185
0894000275100	894-27	240	10	190
0894000305100	894-30	250	10	300
0894000325100	894-32	260	10	316
0894000345100	894-34	260	5	350
0894000365100	894-36	300	5	435
0894000385100	894-38	300	5	440
0894000415100	894-41	340	5	580
0894000465100	894-46	380	1	770
0894000505100	894-50	410	1	1000
0894000555100	894-55	460	1	1300
0894000605100	894-60	490	1	1600
0894000655100	894-65	530	1	1850
0894000705100	894-70	575	1	2160
0894000755100	894-75	610	1	2800
0894000805100	894-80	645	1	2900
0894000855100	894-85	690	1	3900
0894000955100	894-95	845	1	5450
0894001005100	894-100*	850	1	5500
0894001055100	894-105*	1000	1	7650
0894001105100	894-110*	1000	1	7600

895-...

DOUBLE OPEN-ENDED SPANNER

- jaw set at 15°, gun metal finish
- high grade tool steel
- according to DIN 895 / ISO 3318 / ISO 1085

mm

Code	Number	l/mm	Pieces	Weight/g
0895006075100	895-6x7	95	10	15
0895007085100	895-7x8	110	10	16
0895008095100	895-8x9	110	10	22
0895008105100	895-8x10	115	10	25
0895009105100	895-9x10	120	10	20
0895009115100	895-9x11	125	10	30
0895009125100	895-9x12	125	10	30
0895010115100	895-10x11	125	10	30
0895010125100	895-10x12	125	10	32
0895010135100	895-10x13	130	10	42
0895010145100	895-10x14	140	10	58
0895011125100	895-11x12	125	10	32
0895012135100	895-12x13	140	10	50
0895012145100	895-12x14	140	10	48
0895013145100	895-13x14	140	10	48
0895013155100	895-13x15	140	10	52
0895013165100	895-13x16	155	10	66
0895013175100	895-13x17	155	10	64
0895014155100	895-14x15	140	10	54
0895014165100	895-14x16	140	10	64
0895014175100	895-14x17	160	10	64
0895016175100	895-16x17	160	10	72
0895016185100	895-16x18	160	10	88
0895017195100	895-17x19	170	10	100
0895017215100	895-17x21	190	10	120
0895017225100	895-17x22	190	10	118
0895018215100	895-18x21	190	10	120
0895019215100	895-19x21	190	10	120
0895019225100	895-19x22	195	10	145
0895019245100	895-19x24	215	10	175
0895022245100	895-22x24	220	10	200
0895022275100	895-22x27	235	10	230
0895024275100	895-24x27	245	10	250
0895024305100	895-24x30	265	10	320
0895027305100	895-27x30	265	10	360
0895027325100	895-27x32	265	10	400
0895030325100	895-30x32	265	10	485
0895030365100	895-30x36	305	5	475
0895032365100	895-32x36	305	5	525
0895036415100	895-36x41	345	5	725
0895041465100	895-41x46	380	1	975
0895046505100	895-46x50	415	1	1215
0895050555100	895-50x55	460	1	1705
0895055605100	895-55x60	480	1	1935
0895065705100	895-65x70	580	1	2700
0895075805100	895-75x80	665	1	4000

* delivery time on request

890-...

HOOK WRENCH WITH NOSE

- for grooved nuts according to DIN 1804, antifriction bearing bolt, according to DIN 981
- gun metal finish
- rounded edges for better handling
- high grade tool steel
- according to DIN 1810, Form A

Code	Number	l/mm	for grooved nuts and bearing bolts	Pieces	Weight/g
0890000125100	890-12	110	12 - 14	6	23
0890000165100	890-16	110	16 - 20	6	23
0890000255100	890-25	136	25 - 28	6	43
0890000305100	890-30	136	30 - 32	6	50
0890000345100	890-34	170	34 - 36	6	88
0890000405100	890-40	170	40 - 42	6	88
0890000455100	890-45	205	45 - 50	6	155
0890000525100	890-52	205	52 - 55	6	160
0890000585100	890-58	242	58 - 62	6	255
0890000685100	890-68	242	68 - 75	6	255
0890000805100	890-80	280	80 - 90	6	400
0890000955100	890-95	280	95 - 100	6	400
0890001105100	890-110	335	110 - 115	6	750
0890001205100	890-120	335	120 - 130	6	750
0890001355100	890-135	385	135 - 145	3	995
0890001555100	890-155	385	155 - 165	3	995
0890001805100	890-180	470	180 - 195	3	1505
0890002055100	890-205	470	205 - 220	3	1580

890-V...

ADJUSTABLE HOOK WRENCH WITH NOSE

- for grooved nuts to DIN 1804 and bearing nuts to DIN 981
- rounded edges for better handling
- special steel, hardened
- gun metal finish
- high grade tool steel

Code	Number	l/mm	for grooved nuts and bearing bolts	Pieces	Weight/g
0890000205300	890-V 20-42	180	20 - 42	1	100
0890000455300	890-V 45-90	250	45 - 90	1	250
0890000955300	890-V 95-165	335	95 - 165	1	710

890-VG...

HINGED HOOK WRENCH WITH NOSE

- Short design, fits in every pocket and toolbox
- for grooved nuts to DIN 1804 and bearing nuts to DIN 981
- rounded edges for better handling
- high grade tool steel, hardened
- gun metal finish

Code	Number	l/mm	for grooved nuts and bearing bolts	Pieces	Weight/g
0890000205200	890-VG 20-35	135	20 - 35	1	40
0890000355200	890-VG 35-60	175	35 - 60	1	85
0890000605200	890-VG 60-90	240	60 - 90	1	250
0890000905200	890-VG 90-155	300	90 - 155	1	425
0890001555200	890-VG 155-230	420	155 - 230	1	1015

891-...

HOOK WRENCH WITH PIN

- for nuts with radial holes according to DIN 1816 and DIN 548
- rounded edges for better handling
- gun metal finish
- high grade tool steel
- according to DIN 1810, Form B

Code	Number	l/mm	for Nuts mm	Pin-Ø mm	Pieces	Weight/g
0891000125100	891-12	110	12 - 14	2,0	6	23
0891000165100	891-16	110	16 - 18	2,5	6	23
0891000205100	891-20	110	20 - 22	2,5	6	23
0891000255100	891-25	136	25 - 28	3,0	6	49
0891000305100	891-30	136	30 - 32	4,0	6	49
0891000345100	891-34	170	34 - 36	4,0	6	88
0891000405100	891-40	170	40 - 42	4,0	6	88
0891000455100	891-45	205	45 - 50	5,0	6	160
0891000525100	891-52	205	52 - 55	5,0	6	160
0891000585100	891-58	240	58 - 62	5,0	6	260
0891000685100	891-68	240	68 - 75	6,0	6	260
0891000805100	891-80	280	80 - 90	6,0	6	400
0891000955100	891-95	280	95 - 100	6,0	6	400
0891001105100	891-110	335	110 - 115	8,0	6	725
0891001205100	891-120	335	120 - 130	8,0	6	725
0891001355100	891-135	380	135 - 145	8,0	3	1005
0891001555100	891-155	390	155 - 165	8,0	3	1005
0891002055100	891-205	470	205 - 220	10,0	3	1500
0891002305100	891-230	570	230 - 245	10,0	1	2190

892-...

ADJUSTABLE PIN WRENCH

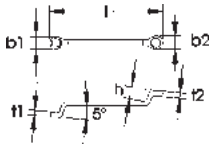
- for nuts with two holes according to DIN 547, spring flange and flange nuts according to DIN 44716
- gun metal finish
- high grade tool steel
- according to DIN 3116

Code	Number	l/mm	Pin-Ø mm	Pin Depth mm	Pieces	Weight/g
0892000035100	892-3	160	3	4	5	115
0892000045100	892-4	160	4	5	5	120
0892000055100	892-5	215	5	6	5	295
0892000065100	892-6	215	6	7	5	300
0892000085100	892-8	215	8	8	5	305

110-..., 110A-...

DOUBLE-ENDED RING SPANNER

- deep cranked, with thin-walled heads
- matt chrome plated
- break resistance and shatterproof quality minimize risk of injury
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 838, ISO 3318, ISO 1085, ISO 10104



mm

Code	Nummer	l/mm	b1 mm	b2 mm	t1 mm	t2 mm	h mm	Stück	Gewicht/g
0110055071000	110-5,5x7	175	11,0	12,0	6,0	6,0	20,0	12	42
0110006071000	110-6x7	175	11,0	12,0	6,0	6,0	20,0	12	42
0110006081000	110-6x8	175	11,0	12,0	6,0	6,0	20,0	12	50
0110007081000	110-7x8	185	14,0	15,0	6,5	6,5	21,0	12	60
0110007091000	110-7x9	185	14,0	15,0	6,5	6,5	21,0	12	60
0110008091000	110-8x9	185	14,0	15,0	6,5	6,5	21,0	12	60
0110008101000	110-8x10	185	14,0	15,0	6,5	6,5	21,0	12	60
0110009111000	110-9x11	200	16,0	17,5	7,0	8,0	22,0	12	86
0110010111000	110-10x11	200	16,0	17,5	7,0	8,0	22,0	12	86
0110010121000	110-10x12	200	16,0	17,5	7,0	8,0	22,0	12	86
0110010131000	110-10x13	215	17,5	20,0	8,0	9,0	22,0	12	122
0110011131000	110-11x13	215	17,5	20,0	8,0	9,0	22,0	12	122
0110011141000	110-11x14	215	17,5	20,0	8,0	9,0	22,0	12	109
0110012131000	110-12x13	215	18,5	20,0	8,5	9,0	23,0	12	122
0110012141000	110-12x14	215	18,5	20,0	8,5	9,0	23,0	12	122
0110013141000	110-13x14	230	20,0	23,0	9,5	10,0	24,0	12	150
0110013151000	110-13x15	230	20,0	23,0	9,5	10,0	24,0	12	150
0110013161000	110-13x16	230	22,0	23,0	10,0	10,0	24,0	12	150
0110013171000	110-13x17	245	22,0	26,0	10,0	11,0	25,0	12	185
0110014151000	110-14x15	230	22,0	23,0	10,0	10,0	24,0	12	150
0110014171000	110-14x17	245	22,0	26,0	10,0	11,0	25,0	12	185
0110016171000	110-16x17	250	25,0	26,0	11,0	11,5	26,0	12	210
0110016181000	110-16x18	250	25,0	26,0	11,0	11,5	26,0	12	210
0110017191000	110-17x19	265	25,5	28,0	11,5	12,0	27,0	6	260
0110018191000	110-18x19	265	27,0	28,0	11,5	12,0	27,0	6	260
0110018211000	110-18x21	290	28,0	33,0	12,0	13,0	28,0	6	335
0110019221000	110-19x22	290	28,0	33,0	12,0	13,0	28,0	6	335
0110019241000	110-19x24	290	28,0	33,0	12,0	13,0	28,0	6	335
0110020221000	110-20x22	295	30,0	33,0	12,0	13,0	29,0	6	350
0110021221000	110-21x22	310	31,5	34,0	12,5	13,5	30,0	6	430
0110021231000	110-21x23	310	31,5	34,0	12,5	13,5	30,0	6	430
0110021241000	110-21x24	330	33,0	37,0	13,0	14,0	30,0	3	465
0110022241000	110-22x24	330	33,0	37,0	13,0	14,0	30,0	3	465
0110024261000	110-24x26	330	36,0	40,0	15,0	15,0	32,0	3	460
0110024271000	110-24x27	330	36,0	40,0	15,0	15,0	32,0	3	460
0110024301000	110-24x30	350	36,0	44,0	14,0	16,0	33,0	3	500
0110025281000	110-25x28	350	37,0	41,0	14,0	15,0	32,0	3	500
0110027291000	110-27x29	370	40,0	44,0	15,0	16,0	33,0	3	635
0110027301000	110-27x30	370	40,0	44,0	15,0	16,0	33,0	3	635
0110027321000	110-27x32	375	41,0	46,0	16,0	17,0	35,0	3	635
0110030321000	110-30x32	375	45,0	48,0	17,0	18,0	35,0	3	670
0110030341000	110-30x34	375	46,0	54,0	17,0	18,0	35,0	3	870
0110030361000	110-30x36	400	46,0	54,0	17,0	18,0	35,0	3	870
0110032341000	110-32x34	400	46,0	54,0	17,0	18,0	35,0	3	870
0110032361000	110-32x36	400	46,0	54,0	17,0	18,0	35,0	3	870
0110034361000	110-34x36	400	46,0	54,0	17,0	18,0	35,0	3	870
0110036411000	110-36x41	455	55,0	60,0	18,0	20,0	38,0	3	1125
0110038421000	110-38x42	455	55,0	60,0	18,0	20,0	38,0	3	1125
0110041461000	110-41x46	500	58,0	65,0	19,0	20,0	40,0	1	1445
0110046501000	110-46x50	520	68,0	73,0	20,0	21,0	45,0	1	1700
0110055601000	110-55x60*	610	86,0	92,0	25,0	26,0	54,0	1	3455
0110065701000	110-65x70*	685	102,0	108,0	27,0	28,0	58,0	1	4850
0110075801000	110-75x80*	790	120,0	127,0	29,0	30,0	61,0	1	7350
0110085901000	110-85x90*	800	120,0	127,0	29,0	30,0	61,0	1	7000

* delivery time on request

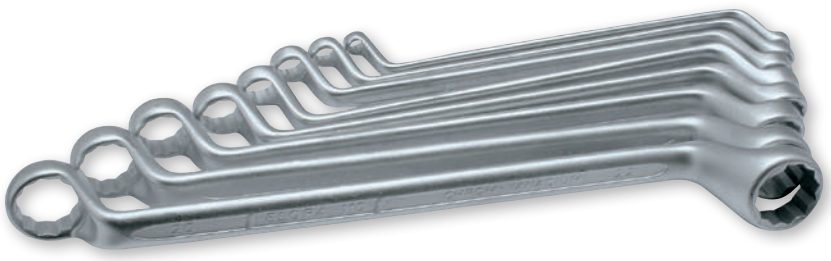
AF"

Code	Nummer	l/mm	b1 mm	b2 mm	t1 mm	t2 mm	h mm	Stück	Gewicht/g
0110113171000	110A-1/4x5/16	175	11,0	12,0	6,0	6,0	20,0	12	42
0110117191000	110A-5/16x3/8	185	14,0	15,0	6,5	6,5	21,0	12	60
0110119211000	110A-3/8x7/16	200	16,0	17,5	7,0	8,0	22,0	12	86
0110121231000	110A-7/16x1/2	215	17,5	20,0	8,0	9,0	22,0	12	122
0110123241000	110A-1/2x9/16	230	20,0	23,0	9,5	10,0	24,0	12	150
0110125231000	110A-1/2x19/32	230	22,0	23,0	10,0	10,0	24,0	12	150
0110124261000	110A-9/16x5/8	230	22,0	23,0	10,0	10,0	24,0	12	150
0110126271000	110A-5/8x11/16	250	25,0	26,0	11,0	11,5	26,0	12	210
0110126281000	110A-5/8x3/4	265	25,5	28,0	11,5	12,0	27,0	6	260
0110127281000	110A-11/16x3/4	265	27,0	28,0	11,5	12,0	27,0	6	260
0110128291000	110A-3/4x25/32	275	27,0	28,0	11,5	12,0	27,0	6	335
0110130311000	110A-13/16x7/8	295	30,0	33,0	12,0	13,0	29,0	6	350
0110131321000	110A-7/8x15/16	330	33,0	37,0	13,0	14,0	30,0	3	465
0110132341000	110A-15/16x1	330	35,0	37,0	14,0	15,0	30,0	3	465
0110134361000	110A-1x1.1/8	350	37,0	41,0	14,0	15,0	32,0	3	500
0110135361000	110A-1.1/16x1.1/8	370	40,0	44,0	15,0	16,0	33,0	3	635
0110135381000	110A-1.1/16x1.1/4	375	41,0	46,0	16,0	17,0	35,0	3	670
0110137391000	110A-1.3/16x1.5/16	375	45,0	48,0	17,0	18,0	33,0	3	670
0110138411000	110A-1.1/4x1.7/16	400	46,0	54,0	17,0	18,0	35,0	3	870
0110139421000	110A-1.5/16x1.1/2	400	46,0	54,0	17,0	18,0	35,0	3	870
0110140421000	110A-1.3/8x1.1/2	450	55,0	60,0	18,0	20,0	38,0	3	1125
0110141441000	110A-1.7/16x1.5/8	455	55,0	60,0	18,0	20,0	38,0	3	1125
0110145481000	110A-1.11/16x1.7/8	500	58,0	65,0	19,0	20,0	40,0	1	1445
0110147491000	110A-1.13/16x2	520	68,0	73,0	20,0	21,0	45,0	1	1700
0110148491000	110A-1.7/8x2	520	68,0	73,0	20,0	21,0	45,0	1	1700
0110158601000	110A-2.9/16x2.3/4	685	102,0	108,0	27,0	28,0	58,0	1	4850
0110163641000	110A-3x3.1/8*	790	120,0	127,0	29,0	30,0	61,0	1	7350

110S...M, 110S...AF

DOUBLE-ENDED RING SPANNER SET

- carton box packed
- deep cranked, with thin-walled heads
- matt chrome plated
- break resistance and shatterproof quality minimize risk of injury
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 838, ISO 3318, ISO 1085, ISO 10104



mm

Code	Number	Contents	Pieces	Weight/g
0110500601000	110S 6M	110- 8×9, 10×11, 12×13, 14×15, 16×17, 18×19 mm	1	950
0110500801000	110S 8M	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm	1	1300
0110500821000	110S 8DIN	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm	1	1300
0110501001000	110S 10M	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27 mm	1	2200
0110501021000	110S 101DIN	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22, 24×26, 30×34 mm	1	2650
0110501011000	110S 101M	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 24×27, 30×32 mm	1	2520
0110501021001	110S 10DIN-1	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22, 24×26, 27×32 mm	1	2495
0110501201000	110S 12M	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19,20×22, 21×23, 24×27, 25×28, 30×32 mm	1	3600
0110501221000	110S 12DIN	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19,20×22, 21×23, 24×26, 27×32, 30×34 mm	1	3630
0110501221002	110S 12DIN-1	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19,20×22, 21×23, 24×27, 25×28, 30×32 mm	1	3340

AF"

Code	Number	Contents	Pieces	Weight/g
0110600611000	110S 61AF	110A- 1/4×5/16, 3/8×7/16, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8 AF	1	1100
0110600621000	110S 62AF	110A- 3/8×7/16, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1 AF	1	1480
0110600801000	110S 8AF	110A- 1/4×5/16, 3/8×7/16, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8,15/16×1, 1.1/16×1.1/4 AF	1	2280
0110601201000	110S 12AF	110A- 1/4×5/16, 5/16×3/8, 3/8×7/16, 7/16×1/2, 1/2×9/16, 9/16×5/8, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1, 1×1.1/8, 1.1/16×1.1/4 AF	1	3250
0110601401000	110S 14AF	110A- 1/4×5/16, 3/8×7/16, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1, 1.1/16×1.1/4,1.1/16×1.1/8, 1.3/16×1.5/16, 1.1/4×1.7/16, 1.7/16×1.5/8, 1.11/16×1.7/8, 1.13/16×2 AF	1	8600

110S...MSB, 110S...AFSB

DOUBLE-ENDED RING SPANNER SET

- in plastic rolling pouch
- with suspension eye
- deep cranked, with thin-walled heads
- matt chrome plated
- break resistance and shatterproof quality minimize risk of injury
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 838, ISO 3318, ISO 1085, ISO 10104

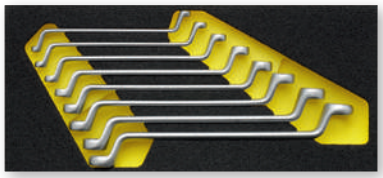
mm

Code	Number	Contents	Pieces	Weight/g
0110500601500	110S 6MSB	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17 mm	1	800
0110500801500	110S 8MSB	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm	1	1385
0110500821500	110S 8SBDIN	110- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm	1	1385

AF"

Code	Number	Contents	Pieces	Weight/g
0110600601500	110S 6AFSB	110A- 1/4×5/16, 3/8×7/16, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8 AF	1	1200
0110600801500	110S 8AFSB	110A- 1/4×5/16, 3/8×7/16, 7/16×1/2, 1/2×9/16, 5/8×11/16, 3/4×25/32, 13/16×7/8, 15/16×1 AF	1	1385

You will find the matching OMS-19 module on page no. 43



112-..., 112A-...

DOUBLE-ENDED RING SPANNER

- short version
- deep cranked
- thin-walled heads
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	l/mm	Pieces	Weight/g
0112008091000	112-8x9	100	12	28
0112010111000	112-10x11	116	12	42
0112012131000	112-12x13	136	12	56
0112014151000	112-14x15	156	12	85
0112016171000	112-16x17	180	12	115

AF"

Code	Number	l/mm	Pieces	Weight/g
0112119211000	112A-3/8x7/16	116	12	42
0112121231000	112A-7/16x1/2	136	12	56
0112123241000	112A-1/2x9/16	156	12	85
0112124261000	112A-9/16x5/8	180	12	115
0112126281000	112A-5/8x3/4	181	12	136

112S...M, 112S...AF

DOUBLE-ENDED RING SPANNER SET

- in plastic pouch
- with suspension eye
- short version
- deep cranked
- thin-walled heads
- chrome plated, polished
- Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	Contents	Pieces	Weight/g
0112500501000	112S 5M	112- 8×9, 10×11, 12×13, 14×15, 16×17 mm	1	380

AF"

Code	Number	Contents	Pieces	Weight/g
0112600301000	112S 3AF	112A-3/8×7/16, 1/2×9/16, 5/8×3/4 AF	1	325
0112600501000	112S 5AF	112A- 3/8×7/16, 7/16×1/2, 1/2×9/16, 9/16×5/8, 5/8×3/4 AF	1	450

113-..., 113BA-...

DOUBLE-ENDED RING SPANNER

- extra short version
- deep cranked
- 4x4,5 mm and 6x4 BA = hexagon, all others bi-hexagon
- chrome plated, polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	l/mm	Pieces	Weight/g
0113004451000	113-4x4,5	75	12	10
0113005551000	113-5x5,5	75	12	10
0113006071000	113-6x7	86	12	18
0113008091000	113-8x9	86	12	22
0113010111000	113-10x11	105	12	32

BA

Code	Number	l/mm	Pieces	Weight/g
0113306041000	113BA-6x4	75	12	10
0113304021000	113BA-4x2	90	12	18
0113302001000	113BA-2x0	105	12	38

113S...M

DOUBLE-ENDED RING SPANNER-SET

- in plastic pouch
- with suspension eye
- extra short hexagon-series
- deep cranked
- chrome plated, polished
- Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	Contents	Pieces	Weight/g
0113500301000	113S 3M	113- 4×4,5, 6×7, 10×11 mm	1	70
0113500501000	113S 5M	113- 4×4,5, 5×5,5, 6×7, 8×9, 10×11 mm	1	106

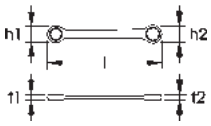
AF"

Code	Number	Contents	Pieces	Weight/g
0113800301000	113S 3BA	113BA- 6×4, 4×2, 2×0 BA	1	80

120-...

DOUBLE-ENDED RING SPANNER, STRAIGHT

- flat and straight pattern
- thin-walled heads
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- Ausführung nach DIN 837, Form B, ISO 3318, ISO 1085



Code	Number	h1 mm	h2 mm	t1 mm	t2 mm	l/mm	Pieces	Weight/g
0120006071000	120-6x7	10,0	11,0	4,0	4,0	100	12	11
0120008091000	120-8x9	13,0	14,5	4,5	4,5	115	12	16
0120010111000	120-10x11	15,0	17,0	6,0	6,0	125	12	26
0120012131000	120-12x13	18,5	20,0	7,0	7,0	140	12	37
0120012141000	120-12x14	18,5	20,0	7,0	7,0	140	12	37
0120013161000	120-13x16	20,5	25,0	8,0	8,0	170	12	70
0120014151000	120-14x15	21,0	22,0	7,5	7,5	155	12	70
0120016171000	120-16x17	24,0	25,0	8,0	8,0	170	12	70
0120016181000	120-16x18	24,0	25,0	8,0	8,0	170	12	70
0120017191000	120-17x19	27,0	28,5	9,0	9,0	185	6	90
0120018191000	120-18x19	27,0	28,5	9,0	9,0	185	6	90
0120018211000	120-18x21	30,0	33,0	10,0	10,0	200	6	116
0120020221000	120-20x22	30,0	33,0	10,0	10,0	200	6	116
0120021221000	120-21x22	32,0	34,0	10,5	10,5	215	6	140
0120021231000	120-21x23	32,0	34,0	10,5	10,5	215	6	140
0120022241000	120-22x24	32,0	34,0	11,5	11,5	215	6	140
0120024261000	120-24x26	35,0	39,0	11,5	11,5	240	6	200
0120024271000	120-24x27	35,0	39,0	11,5	11,5	240	6	205
0120025281000	120-25x28	37,0	41,0	12,5	12,5	265	6	215
0120030321000	120-30x32	44,0	46,0	13,0	13,0	285	6	290
0120036411000	120-36x41	51,0	58,0	15,0	15,0	390	3	515

120S-...

DOUBLE-ENDED RING SPANNER SET, STRAIGHT

- carton box packed
- flat and straight pattern
- thin-walled heads
- matt chrome plated
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 837, Form B, ISO 3318, ISO 1085

Code	Number	Contents	Pieces	Weight/g
0120500601000	120S 6M	120- 8×9, 10×11, 12×13, 14×15, 16×17, 18×19 mm	1	325
0120500801000	120S 8M	120- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm	1	480
0120500821000	120S 8DIN	120- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 21×22 mm	1	460
0120501001000	120S 10M	120- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27 mm	1	820
0120501011000	120S 101M	120- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 24×27, 30×32 mm	1	970
0120501201000	120S 12M	120- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×26, 27×32, 30×34 mm	1	1320
0120501221002	120S 12DIN-1	120- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17,18×19, 20×22, 21×23, 24×27, 25×28, 30×32 mm	1	1271

115-...

RATCHET RING SPANNER, STRAIGHT

- straight pattern
- chrome plated, polished
- special steel

Code	Number	Teeth	Degree°	l/mm	Pieces	Weight/g
0115006071000	115-6x7	14+15	25,5+24	117	6	53
0115008091000	115-8x9	16+18	22,5+20	135	6	73
0115010111000	115-10x11	17+18	21+20	143	6	80
0115012131000	115-12x13	17+18	21+20	179	6	145
0115014151000	115-14x15	19+21	20+17	179	6	150
0115016171000	115-16x17	19+21	20+17	209	6	258
0115018191000	115-18x19	21+24	17+15	209	6	260
0115021221000	115-21x22	21+24	17+15	227	6	283

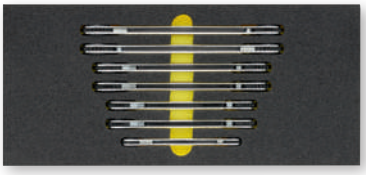
115G-...

RATCHET RING SPANNER, BENT

- bent, reversible
- reversible
- chrome plated, polished
- special steel

Code	Number	Teeth	Degree°	l/mm	Pieces	Weight/g
0115306071000	115G-6x7	14+15	25,5+24	108	6	59
0115308091000	115G-8x9	16+18	22,5+20	138	6	91
0115310111000	115G-10x11	17+18	21+20	172	6	150
0115312131000	115G-12x13	17+18	21+20	172	6	150
0115314151000	115G-14x15	19+21	20+17	203	6	200
0115316171000	115G-16x17	19+21	20+17	203	6	200
0115318191000	115G-18x19	21+24	17+15	232	6	236
0115321221000	115G-21x22	21+24	17+15	232	6	236

You will find the matching OMS-28 module on page no. 43



You will find the matching OMS-29 module on page no. 44

119TXE-...

DOUBLE-ENDED RING SPANNER FOR OUTSIDE TORX®-SCREWS

- for outside TORX®-screws
- straight pattern
- chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	l/mm	Pieces	Weight/g
0119006081000	119TXE- 6x8	115	12	15
0119010121000	119TXE-10x12	142	12	30
0119014181000	119TXE-14x18	162	12	75
0119020241000	119TXE-20x24	225	6	180

123-...

DOUBLE END SWIVEL SOCKET WRENCH

- thin-walled heads with large swivel range
- matt chrome plated
- heads polished
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

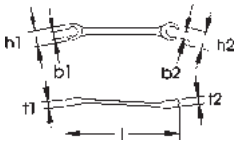
mm

Code	Number	l/mm	Pieces	Weight/g
0123008091000	123-8x9	185	6	60
0123010111000	123-10x11	210	6	112
0123012131000	123-12x13	230	6	170
0123014151000	123-14x15	245	6	220
0123016171000	123-16x17	270	6	270
0123018191000	123-18x19	290	3	360
0123020221000	123-20x22	330	3	500
0123021231000	123-21x23	345	3	530
0123024271000	123-24x27	360	3	790
0123030321000	123-30x32	400	3	950

121-..., 121A-...

OPEN RING SPANNER

- for flare nuts e.g. at gasoline or hydraulic pipes
- open rings are 15° bent
- ring opening set at 30°
- up to 13×14 mm and 7/16"x1/2" AF= hex. pattern, all other: bi-hex. pattern,
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3118



mm

Code	Number	l/mm	h1 mm	h2 mm	b1 mm	b2 mm	t1 mm	t2 mm	Pieces	Weight/g
0121008101000	121-8x10	150	16,5	20,0	6,0	7,0	7,5	9,0	12	48
0121009111000	121-9x11	150	16,5	20,0	6,5	8,5	7,5	9,0	12	48
0121010111000	121-10x11	165	20,0	22,0	7,0	8,5	9,0	9,5	12	67
0121010121000	121-10x12	165	20,0	24,0	7,0	9,0	8,5	10,0	12	67
0121011131000	121-11x13	165	20,0	23,5	8,5	10,0	8,5	10,0	12	67
0121012131000	121-12x13	190	23,5	26,0	9,0	10,0	10,0	11,0	12	100
0121012141000	121-12x14	190	23,5	26,0	9,0	11,0	10,0	11,0	12	100
0121013141000	121-13x14	190	23,5	26,0	9,0	11,0	10,0	11,0	12	100
0121013151000	121-13x15	190	23,5	26,0	10,0	12,0	10,0	11,0	12	100
0121014161000	121-14x16	200	25,0	29,0	11,0	14,0	11,0	12,5	12	135
0121014171000	121-14x17	200	25,0	29,0	11,0	14,0	11,0	12,5	12	135
0121016181000	121-16x18	210	30,0	32,0	14,0	15,0	12,0	13,0	12	160
0121017191000	121-17x19	210	30,0	32,0	14,0	15,0	12,0	13,0	12	160
0121019221000	121-19x22	230	32,0	36,0	15,0	17,0	13,5	15,0	6	190
0121021231000	121-21x23	245	37,0	40,0	16,5	18,0	14,0	15,5	6	240
0121022241000	121-22x24	245	37,0	40,0	17,0	18,0	14,0	15,5	6	240
0121024271000	121-24x27	260	40,0	44,0	18,0	20,0	16,0	16,5	6	325
0121030321000	121-30x32	288	48,0	52,0	22,0	24,0	20,0	21,5	6	465

121S8M

OPEN RING SPANNER SET

- carton box packed
- for flare nuts e.g. at gasoline or hydraulic pipes
- open rings are 15° bent
- ring opening set at 30°
- up to 13×14 mm = hex. pattern, all other: bi-hex. pattern,
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3118

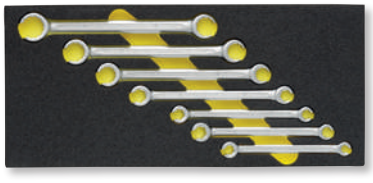
mm

Code	Number	Contents	Pieces	Weight/g
0121500801000	121S 8M	121- 8×10, 9×11, 12×14, 13×15, 14×16, 17×19, 21×23, 22×24 mm	1	1130

AF"

Code	Number	l/mm	h1 mm	h2 mm	b1 mm	b2 mm	t1 mm	t2 mm	Pieces	Weight/g
0121117191000	121A-5/16x3/8	150	16,5	20,0	6,0	7,0	7,5	9,0	12	48
0121119211000	121A-3/8x7/16	165	20,0	22,0	7,0	8,5	9,0	9,5	12	67
0121121231000	121A-7/16x1/2	165	20,0	24,0	7,0	9,0	8,5	10,0	12	65
0121124261000	121A-9/16x5/8	200	25,0	29,0	11,0	14,0	11,0	12,5	12	135
0121126281000	121A-5/8x3/4	210	30,0	32,0	14,0	15,0	12,0	13,0	12	160
0121128311000	121A-3/4x7/8	230	32,0	36,0	15,0	17,0	13,5	15,0	6	190
0121134361000	121A-1x1.1/8	260	40,0	44,0	18,0	20,0	16,0	16,5	6	325

You will find the matching OMS-31 module on page no. 44



117-...

RING RATCHET-SPANNER, HINGED

- for awkward areas with limited access for hydraulic-, pneumatic and other bolted connections within a conduit system
- smallest swivel angle 30°
- chrome-plated, head gun metal finish
- special steel

Code	Number	l/mm	Pieces	Weight/g
0117000101000	117-10	155	6	82
0117000111000	117-11	155	6	83
0117000121000	117-12	155	6	85
0117000131000	117-13	155	6	90
0117000141000	117-14	155	6	90
0117000171000	117-17	210	6	148
0117000191000	117-19	210	6	156
0117000221000	117-22	210	3	270
0117000241000	117-24	219	3	610
0117000271000	117-27	315	3	610
0117000321000	117-32	319	3	610

117S...

RING RATCHET-SPANNER-SET, HINGED

- carton box packed
- for awkward areas with limited access for hydraulic-, pneumatic and other bolted connections within a conduit system
- smallest swivel angle 30°
- chrome-plated, head gun metal finish
- special steel

Code	Number	Contents	Pieces	Weight/g
0117500051000	117 S6	117- 10, 11, 12, 13, 14, 17 mm	1	578
0117500111000	117 S11	117- 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 32 mm	1	2834

122-..., 122A-...

OBSTRUCTION RING SPANNER

- especially suitable for work on engines e.g. bolts on alternator, carburator and starter
- with thin-walled rings
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to ISO 3318

mm

Code	Number	l/mm	Pieces	Weight/g
0122010121000	122-10x12	150	6	80
0122011131000	122-11x13	150	6	55
0122012131000	122-12x13	150	6	55
0122013151000	122-13x15	185	6	110
0122013171000	122-13x17	185	6	110
0122014161000	122-14x16	185	6	110
0122014171000	122-14x17	185	6	110
0122015171000	122-15x17	185	6	110
0122017191000	122-17x19	200	6	195
0122019211000	122-19x21	230	6	195
0122019221000	122-19x22	230	6	195

AF"

Code	Number	l/mm	Pieces	Weight/g
0122123251000	122A-1/2x9/16	185	6	110
0122124261000	122A-9/16x5/8	185	6	110

88-...

SINGLE END RING SPANNER

- straight pattern
- with suspension eye
- sand-blasted
- further sizes on request
- ELORA-Tempering steel C35 / 1.0501
- according to DIN 3111

Code	Number	l/mm	Pieces	Weight/g
0088000131000	88-13	138	6	45
0088000141000	88-14	138	6	45
0088000171000	88-17	155	6	75
0088000191000	88-19	171	6	100
0088000221000	88-22	190	6	140
0088000241000	88-24	215	3	160
0088000271000	88-27	230	3	200
0088000301000	88-30	254	3	280
0088000321000	88-32	265	3	350
0088000361000	88-36	295	1	500
0088000411000	88-41	330	1	750
0088000461000	88-46	365	1	950

Code	Number	l/mm	Pieces	Weight/g
0088000501000	88-50	400	1	1200
0088000551000	88-55	442	1	1600
0088000601000	88-60	475	1	1800
0088000651000	88-65	510	1	2400
0088000701000	88-70	555	1	2700
0088000751000	88-75	590	1	3400
0088000801000	88-80	620	1	3800
0088000851000	88-85	665	1	4400
0088000901000	88-90	698	1	5300
0088000951000	88-95	700	1	5800

86-..., 86A-...

RING SLOGGING SPANNER

- heavy, drop-forged type
- sand-blasted
- further sizes on request
- from 22 mm until 115 mm and all AF-sizes: ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- from 120 mm until 230 mm: ELORA-Tempering steel C35 / 1.0501
- according to DIN 7444

mm

Code	Number	l/mm	Pieces	Weight/g
0086000221000	86-22	165	1	230
0086000241000	86-24	165	1	230
0086000271000	86-27-1.1/16	180	1	350
0086000281000	86-28-1.1/16	180	1	350
0086000301000	86-30	190	1	465
0086000321000	86-32	190	1	465
0086000341000	86-34	190	1	465
0086000361000	86-36	210	1	570
0086000381000	86-38-1.1/2	210	1	570
0086000411000	86-41-1.5/8	230	1	760
0086000461000	86-46-1.13/16	242	1	950
0086000501000	86-50	254	1	1120
0086000551000	86-55	268	1	1560
0086000581000	86-58	283	1	1625
0086000601000	86-60	283	1	1625
0086000651000	86-65	300	1	2060
0086000701000	86-70	325	1	3000
0086000751000	86-75	325	1	2940
0086000801000	86-80	358	1	4000
0086000851000	86-85	358	1	3900
0086000901000	86-90	388	1	5400
0086000951000	86-95	388	1	5400
0086001001000	86-100	420	1	6530
0086001051000	86-105	420	1	6530
0086001101000	86-110	450	1	8600
0086001151000	86-115	450	1	8600
0086001201000	86-120	475	1	12000
0086001251000	86-125	475	1	12000
0086001301000	86-130*	520	1	13200
0086001351000	86-135*	520	1	13400
0086001401000	86-140*	520	1	13800
0086001451000	86-145*	575	1	19200
0086001501000	86-150*	575	1	19200
0086001551000	86-155*	575	1	19200
0086001601000	86-160*	575	1	19200
0086001651000	86-165*	650	1	28600
0086001701000	86-170*	650	1	28600
0086001751000	86-175*	650	1	28600
0086001801000	86-180*	650	1	28600
0086001851000	86-185*	700	1	35500
0086001901000	86-190*	700	1	35600
0086001951000	86-195*	700	1	35700
0086002001000	86-200*	700	1	35800
0086002101000	86-210*	750	1	41000
0086002201000	86-220*	750	1	42000
0086002301000	86-230*	750	1	45000

AF"

Code	Number	l/mm	Pieces	Weight/g
0086100341000	86A-1	165	1	230
0086000271000	86-27-1.1/16	180	1	230
0086100361000	86A-1.1/8	180	1	350
0086100371000	86A-1.3/16	190	1	465
0086100381000	86A-1.1/4	190	1	465
0086100391000	86A-1.5/16	190	1	465
0086100401000	86A-1.3/8	210	1	570
0086100411000	86A-1.7/16	210	1	570
0086000381000	86-38-1.1/2	210	1	570
0086100431000	86A-1.9/16	230	1	760
0086000411000	86-41-1.5/8	230	1	760
0086100451000	86A-1.11/16	230	1	760
0086100461000	86A-1.3/4	242	1	950
0086000461000	86-46-1.13/16	242	1	950
0086100481000	86A-1.7/8	242	1	950
0086100481001	86A-1.15/16	254	1	1120
0086100491000	86A-2	254	1	1120
0086100501000	86A-2.1/16	254	1	1120
0086100511000	86A-2.1/8	268	1	1560
0086100521000	86A-2.3/16	268	1	1560
0086100531000	86A-2.1/4	268	1	1560
0086100541000	86A-2.5/16	283	1	1625
0086100551000	86A-2.3/8	283	1	1625
0086100561000	86A-2.7/16	283	1	1625
0086100571000	86A-2.1/2	283	1	1625
0086100581000	86A-2.9/16	300	1	2060
0086100591000	86A-2.5/8	300	1	2060
0086100601000	86A-2.3/4	325	1	3000
0086100611000	86A-2.13/16	325	1	3000
0086100611001	86A-2.7/8	325	1	3000
0086100621000	86A-2.15/16	325	1	2940
0086100631000	86A-3	325	1	2940
0086100641000	86A-3.1/8	358	1	4000
0086100651000	86A-3.1/4	358	1	4000
0086100661000	86A-3.3/8	358	1	4000
0086100671000	86A-3.1/2	358	1	4000
0086100681000	86A-3.5/8	388	1	5400
0086100691000	86A-3.3/4	388	1	5400
0086100701000	86A-3.7/8	388	1	5400
0086100711000	86A-4	420	1	6530
0086100721000	86A-4.1/8	420	1	6530
0086100731000	86A-4.1/4	450	1	8600
0086100741000	86A-4.1/2	450	1	8600

* delivery time on request

86S-13

RING SLOGGING SPANNER-SET

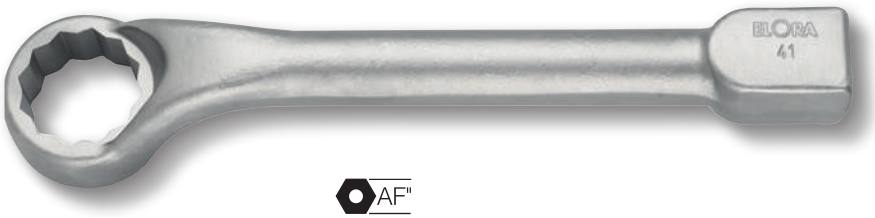
- heavy, drop-forged type
- sand-blasted
- on yellow metal display board
- Size: 895 x 500 mm
- further sizes on request
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 7444

Code	Number	Contents	Pieces	Weight/g
0086501301000	86S-13	86- 30, 32, 36, 38, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm	1	26000
0086500006000	86L	empty	1	6800

89-..., 89A-...

RING SLOGGING SPANNER DEEP OFFSET

- deep cranked, heavy type
- sand-blasted
- further sizes on request
- ELORA-Tempering steel C35 / 1.0501
- according to DIN 7444



mm

Code	Number	l/mm	Pieces	Weight/g
0089000271000	89-27	270	1	1098
0089000301000	89-30	270	1	1080
0089000321000	89-32	270	1	1061
0089000361000	89-36	310	1	2010
0089000381000	89-38*	310	1	1900
0089000391000	89-39*	310	1	1900
0089000411000	89-41	310	1	1842
0089000431000	89-43*	340	1	1900
0089000461000	89-46	340	1	2950
0089000501000	89-50	360	1	4410
0089000551000	89-55	360	1	4155
0089000601000	89-60	380	1	5690
0089000651000	89-65	380	1	5490
0089000701000	89-70	406	1	7455
0089000751000	89-75	406	1	7165
0089000801000	89-80	406	1	6970
0089000851000	89-85	459	1	10630
0089000901000	89-90	459	1	10480
0089000951000	89-95	459	1	9830
0089001001000	89-100	459	1	9700
0089001051000	89-105	510	1	16100
0089001101000	89-110	510	1	13565
0089001151000	89-115	510	1	16100

AF"

Code	Number	l/mm	Pieces	Weight/g
0089100351000	89A-1.1/16	270	1	1111
0089100361000	89A-1.1/8	270	1	1104
0089100371000	89A-1.3/16	270	1	1094
0089100381000	89A-1.1/4	270	1	1084
0089100401000	89A-1.3/8	310	1	1982
0089100391000	89A-1.5/16	270	1	1066
0089100411000	89A-1.7/16	310	1	1945
0089100421000	89A-1.1/2	310	1	1957
0089100441000	89A-1.5/8	310	1	1910
0089100451000	89A-1.11/16	340	1	3015
0089100461000	89A-1.3/4	340	1	2975
0089100471000	89A-1.13/16	340	1	2975
0089100481000	89A-1.7/8	340	1	2885
0089100481001	89A-1.15/16	360	1	4285
0089100491000	89A-2	360	1	4250
0089100501000	89A-2.1/16	360	1	4190
0089100511000	89A-2.1/8	360	1	4130
0089100521000	89A-2.3/16	360	1	4150
0089100531000	89A-2.1/4	360	1	4070
0089100541000	89A-2.5/16	380	1	5680
0089100551000	89A-2.3/8	380	1	5600
0089100561000	89A-2.7/16*	380	1	5500
0089100571000	89A-2.1/2	380	1	5475
0089100581000	89A-2.9/16	380	1	5455
0089100601000	89-2.3/4	406	1	7475
0089100591000	89A-2.5/8	380	1	5455
0089100611000	89A-2.7/8	406	1	7305
0089100621000	89A-2.15/16	406	1	7205
0089100631000	89A-3	406	1	7130
0089100641000	89A-3.1/8	406	1	6915
0089100661000	89A-3.3/8	459	1	10450
0089100671000	89A-3.1/2	459	1	10400
0089100691000	89A-3.3/4	459	1	10600
0089100701000	89A-3.7/8	459	1	9650
0089100711000	89A-4	459	1	9355
0089100721000	89A-4.1/8	510	1	16100
0089100731000	89A-4.1/4	510	1	16100
0089100741000	89A-4.1/2	510	1	16100
0089100751000	89A-4.5/8	510	1	16100

87-..., 87A-...

OPEN END SLOGGING SPANNER

- heavy, drop-forged type
- sand-blasted
- further sizes on request
- up to 110 mm and all AF-Sizes: Chrom-Vanadium 31 CrV 3 / 1.2208
- from 115 mm: ELORA-Tempering steel C35 / 1.0501
- according to DIN 133

mm

Code	Number	l/mm	Pieces	Weight/g
0087000241000	87-24	180	1	340
0087000271000	87-27	180	1	340
0087000301000	87-30	190	1	440
0087000321000	87-32	190	1	425
0087000361000	87-36	215	1	750
0087000381000	87-38 / 1.1/2	215	1	750
0087000411000	87-41	235	1	930
0087000461000	87-46 / 1.3/4	255	1	1200
0087000501000	87-50	275	1	1675
0087000551000	87-55	300	1	1900
0087000601000	87-60	320	1	2500
0087000651000	87-65	342	1	3460
0087000701000	87-70	375	1	4450
0087000751000	87-75	375	1	4050
0087000801000	87-80	408	1	6000
0087000851000	87-85	408	1	5650
0087000901000	87-90	445	1	7800
0087000951000	87-95	445	1	7800
0087001001000	87-100	485	1	11500
0087001051000	87-105	485	1	11500
0087001101000	87-110	510	1	13500
0087001151000	87-115	510	1	13500
0087001201000	87-120	545	1	16000
0087001251000	87-125	545	1	16000
0087001301000	87-130*	575	1	19000
0087001351000	87-135*	575	1	19000
0087001401000	87-140*	575	1	20700
0087001451000	87-145*	640	1	27100
0087001501000	87-150*	640	1	27300
0087001551000	87-155*	640	1	27400
0087001601000	87-160*	715	1	25500
0087001651000	87-165*	715	1	40000
0087001701000	87-170*	715	1	39000
0087001751000	87-175*	715	1	39000
0087001801000	87-180*	715	1	39500
0087001851000	87-185*	715	1	36000
0087001901000	87-190*	800	1	53300
0087001951000	87-195*	800	1	53000
0087002001000	87-200*	800	1	53000
0087002101000	87-210*	800	1	53400
0087002201000	87-220*	800	1	55000

AF"

Code	Number	l/mm	Pieces	Weight/g
0087100341000	87A-1	180	1	340
0087100351000	87A-1.1/16	180	1	345
0087100361000	87A-1.1/8	180	1	345
0087100371000	87A-1.3/16	190	1	440
0087100381000	87A-1.1/4	190	1	425
0087100391000	87A-1.5/16	190	1	425
0087100411000	87A-1.7/16	215	1	750
0087000381000	87-38 / 1.1/2	215	1	750
0087100431000	87A-1.9/16	235	1	930
0087100441000	87A-1.5/8	235	1	930
0087100451000	87A-1.11/16	235	1	930
0087000461000	87-46 / 1.3/4	255	1	1200
0087100471000	87A-1.13/16	255	1	1200
0087100481000	87A-1.7/8	255	1	1200
0087100481001	87A-1.15/16	275	1	1675
0087100491000	87A-2	275	1	1675
0087100501000	87A-2.1/16	275	1	1675
0087100511000	87A-2.1/8	300	1	1900
0087100521000	87A-2.3/16	300	1	1900
0087100531000	87A-2.1/4	300	1	1900
0087100541000	87A-2.5/16	320	1	2500
0087100551000	87A-2.3/8	320	1	2500
0087100561000	87A-2.7/16	320	1	2500
0087100571000	87A-2.1/2	342	1	3460
0087100581000	87A-2.9/16	342	1	3460
0087100591000	87A-2.5/8	342	1	3460
0087100601000	87A-2.3/4	375	1	4450
0087100611000	87A-2.13/16	375	1	4450
0087100611001	87A-2.7/8	375	1	4450
0087100621000	87A-2.15/16	375	1	4050
0087100631000	87A-3	375	1	4050
0087100641000	87A-3.1/8	408	1	6000
0087100651000	87A-3.1/4	408	1	6000
0087100661000	87A-3.3/8	408	1	5650
0087100671000	87A-3.1/2	445	1	7800
0087100681000	87A-3.5/8	445	1	7800
0087100691000	87A-3.3/4	445	1	7800
0087100701000	87A-3.7/8	485	1	11500
0087100711000	87A-4	485	1	11500
0087100721000	87A-4.1/8	485	1	11500
0087100731000	87A-4.1/4	510	1	13500
0087100741000	87A-4.1/2	510	1	13500

* delivery time on request

85-..., 85A-...

CONSTRUCTION RING SPANNER

- heavy, deep cranked pattern
- for use with tommy bar tubes ELORA-No. 855
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 475

mm

Code	Number	l/mm	Pieces	Weight/g
0085000221000	85-22	195	1	370
0085000241000	85-24	180	1	370
0085000271000	85-27	185	1	410
0085000301000	85-30	195	1	490
0085000321000	85-32	230	1	720
0085000361000	85-36	240	1	840
0085000381000	85-38 / 1.1/2	240	1	840
0085000411000	85-41	250	1	935
0085000461000	85-46 / 1.13/16	260	1	1300
0085000501000	85-50	270	1	1450
0085000551000	85-55	270	1	1500
0085000601000	85-60	325	1	2400
0085000651000	85-65	340	1	2600
0085000701000	85-70	340	1	2800
0085000751000	85-75	370	1	3000
0085000801000	85-80	385	1	3920
0085000851000	85-85	385	1	4100
0085000901000	85-90	410	1	4950
0085000951000	85-95	410	1	4950
0085001001000	85-100	410	1	4900
0085001051000	85-105	410	1	4900

AF"

Code	Number	l/mm	Pieces	Weight/g
0085100311000	85A-7/8	195	1	370
0085100341000	85A-1	180	1	370
0085100351000	85A-1.1/16	185	1	410
0085100361000	85A-1.1/8	185	1	410
0085100381000	85A-1.1/4	230	1	720
0085100391000	85A-1.5/16	230	1	720
0085100401000	85A-1.3/8	240	1	840
0085100411000	85A-1.7/16	240	1	840
0085000381000	85-38 / 1.1/2	240	1	840
0085100431000	85A-1.9/16	250	1	935
0085100441000	85A-1.5/8	250	1	935
0085100451000	85A-1.11/16	250	1	935
0085000461000	85-46 / 1.13/16	260	1	1300
0085100481000	85A-1.7/8	260	1	1300
0085100491000	85A-2	270	1	1450
0085100501000	85A-2.1/16	270	1	1450
0085100511000	85A-2.1/8	270	1	1450
0085100521000	85A-2.3/16	270	1	1500
0085100531000	85A-2.1/4	270	1	1500
0085100551000	85A-2.3/8	325	1	2400
0085100571000	85A-2.1/2	325	1	2400
0085100581000	85A-2.9/16	340	1	2600
0085100601000	85A-2.3/4	340	1	2800
0085100621000	85A-2.15/16	370	1	3000
0085100641000	85A-3.1/8	385	1	3920
0085100661000	85A-3.3/8	385	1	4100
0085100681000	85A-3.5/8	410	1	4950
0085100701000	85A-3.7/8	415	1	4900
0085100711000	85A-4	415	1	4900
0085100721000	85A-4.1/8	415	1	4900

855-...

TOMMY BAR TUBE

- for use with construction ring spanners ELORA-No. 85
- chrome plated
- steel tube

Code	Number	for 85-mm	for 85-AF	l/mm	Pieces	Weight/g
0855000221000	855-22	22, 24, 27, 30	7/8, 1, 1.1/16, 1.1/8, 1.3/16 AF	460x23	1	600
0855000321000	855-32	32, 36, 38, 41	1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.9/16, 1.5/8, 1.11/16 AF	610x27	1	600
0855000461000	855-46	46, 50, 55	1.3/4, 1.13/16, 1.7/8, 2, 2.1/16, 2.1/8, 2.3/16, 2.1/4 AF	760x30	1	600
0855000601000	855-60	60, 65, 70, 75, 80, 85, 90, 95, 100, 105	2.3/8, 2.1/2, 2.9/16, 2.3/4, 2.15/16, 3.1/8, 3.3/8 AF	865x37	1	600

85S.../85L...

CONSTRUCTION RING SPANNER-SET

- heavy, deep cranked pattern
- matt chrome plated
- on yellow metal display board
- Size: 895 x 725 mm
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 475

mm

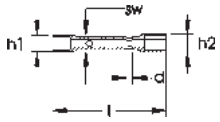
AF"

Code	Number	Contents	Pieces	Weight/g
0085501701000	85S 17M	85- 27, 30, 32, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm 855- 22, 855-32, 855-46, 855-60	1	37000
0085601601000	85S 16AF	85- 1.1/4, 1.7/16, 1.5/8, 1.13/16, 2, 2.3/16, 2.3/8, 2.9/16, 2.3/4, 2.15/16, 3.1/8, 3.3/8 AF 855- 22, 855-32, 855-46, 855-60	1	33000
0085400106000	85L	empty	1	7900

206-...

HEXAGON TUBULAR BOX SPANNER, SOLID

- for use with open end spanner, stepped tommy bar ELORA-No. 212-2 or ELORA-No. 212-3
- solid forged version
- chrome plated, heads polished
- tommy bars are not included
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 896, form A / ISO 2236/1085



mm

Code	Number	l/mm	h1 mm	h2 mm	sw mm	d mm	Pieces	Weight/g
0206006071000	206-6x7	103	10,0	11,0	7,0	3,25	12	30
0206008091000	206-8x9	108	12,5	13,5	9,0	3,5	12	60
0206010111000	206-10x11	120	15,0	16,0	11,0	4,5	12	80
0206012131000	206-12x13	138	17,3	18,8	13,0	5,5	6	125
0206013171000	206-13x17	153	19,8	23,9	16,0	7,2	6	140
0206014151000	206-14x15	145	19,8	21,1	14,0	7,2	6	143
0206016171000	206-16x17	153	22,4	23,9	16,0	7,2	6	150
0206016181000	206-16x18*	158	23,9	25,2	18,0	8,3	6	150
0206018191000	206-18x19	163	25,2	26,2	18,0	8,3	6	235
0206018211000	206-18x21	168	26,2	28,8	20,0	8,3	6	235
0206020221000	206-20x22	173	27,6	30,1	20,0	8,3	3	290
0206021231000	206-21x23	183	28,8	30,8	21,0	10,0	3	340
0206024261000	206-24x26	193	32,6	34,6	24,0	11,5	3	410
0206024271000	206-24x27	193	32,6	36,6	24,0	11,5	3	445

206S...M

HEXAGON TUBULAR BOX SPANNER SET, SOLID

- carton box packed
- for use with open end spanner, stepped tommy bar ELORA-No. 212-2 or ELORA-No. 212-3
- solid forged version
- chrome plated, heads polished
- tommy bars are not included
- Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 896, form A / ISO 2236/1085

mm

Code	Number	Contents	Pieces	Weight/g
0206500801000	206S 8M	206- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm	1	1120
0206501001000	206S 10M	206- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24x27 mm	1	2900

* while stocks last

210-..., 210A-...

HEXAGON TUBULAR BOX SPANNER

- for use with tommy bar ELORA-No. 211 or stepped tommy bar ELORA-No. 212-1
- hollow shaft made of seamless hardened steel tube, hardened
- matt chrome plated
- tommy bars are not included
- ELORA-Tempering steel C 45 / 1.0503
- according to DIN 896, Form B, ISO 2236, ISO 1085

mm

Code	Number	l/mm	Hole-Ø mm	Pieces	Weight/g
0210004051000	210-4x5	100	5,0	12	16
0210006071000	210-6x7	100	5,5	12	27
0210007081000	210-7x8	105	6,5	12	36
0210008091000	210-8x9	105	6,5	12	36
0210008101000	210-8x10	120	6,5	12	46
0210009101000	210-9x10	120	6,5	12	46
0210009111000	210-9x11	120	6,5	12	46
0210010111000	210-10x11	120	6,5	12	50
0210010121000	210-10x12	140	8,5	6	68
0210010131000	210-10x13	140	8,5	6	70
0210010141000	210-10x14	140	8,5	6	70
0210011131000	210-11x13	140	8,5	6	70
0210011141000	210-11x14	140	8,5	6	70
0210012131000	210-12x13	140	8,5	6	72
0210012141000	210-12x14	140	8,5	6	76
0210013141000	210-13x14	140	8,5	6	76
0210013151000	210-13x15	140	8,5	6	82
0210013161000	210-13x16	150	10,5	6	120
0210013171000	210-13x17	150	10,5	6	122
0210014151000	210-14x15	140	8,5	6	82
0210014171000	210-14x17	150	10,5	6	122
0210016171000	210-16x17	150	10,5	6	126
0210016181000	210-16x18	160	10,5	6	205
0210017191000	210-17x19	160	12,5	6	205
0210017221000	210-17x22	170	12,5	6	200
0210018191000	210-18x19	160	12,5	6	205
0210018211000	210-18x21	160	12,5	6	210
0210019221000	210-19x22	170	12,5	6	235
0210019241000	210-19x24	190	14,5	3	275
0210020221000	210-20x22	170	12,5	6	235
0210021231000	210-21x23	170	12,5	3	250
0210021241000	210-21x24	190	14,5	3	280
0210022241000	210-22x24	190	14,5	3	280
0210022271000	210-22x27	190	14,5	3	305
0210024261000	210-24x26	190	14,5	3	300
0210024271000	210-24x27	190	14,5	3	300
0210024301000	210-24x30	200	16,5	3	380
0210025281000	210-25x28	200	14,5	3	340
0210027291000	210-27x29	200	16,5	3	390
0210027301000	210-27x30	200	16,5	3	380
0210027321000	210-27x32	200	16,5	3	400
0210028321000	210-28x32	200	16,5	3	375
0210030321000	210-30x32	200	16,5	3	395
0210030361000	210-30x36	220	18,5	1	515
0210032361000	210-32x36	220	18,5	1	525
0210036411000	210-36x41	220	18,5	1	680
0210038421000	210-38x42	230	18,5	1	760
0210041461000	210-41x46	240	21,0	1	810
0210046501000	210-46x50	240	21,0	1	870
0210050551000	210-50x55	240	21,0	1	1040
0210055601000	210-55x60	240	21,0	1	1120

AF"

Code	Number	l/mm	Hole-Ø mm	Pieces	Weight/g
0210113151000	210A-1/4x9/32	100	6,5	12	27
0210117191000	210A-5/16x3/8	120	6,5	12	46
0210119211000	210A-3/8x7/16	120	6,5	12	46
0210121231000	210A-7/16x1/2	140	8,5	6	70
0210123241000	210A-1/2x9/16	140	8,5	6	76
0210124261000	210A-9/16x5/8	150	8,5	6	122
0210127281000	210A-11/16x3/4	160	12,5	6	205
0210128311000	210A-3/4x7/8	167	12,5	6	235
0210130311000	210A-13/16x7/8	170	12,5	6	235
0210131321000	210A-7/8x15/16	187	14,5	3	229
0210132341000	210A-15/16x1	190	14,5	3	300
0210135381000	210A-1.1/16x1.1/4	200	16,5	3	400

210S...M, 210S...AF

HEXAGON TUBULAR BOX SPANNER-SET

- carton box packed
- for use with tommy bar ELORA-No. 211 or stepped tommy bar ELORA-No. 212-1
- hollow shaft made of seamless steel tube
- hardened
- matt chrome plated
- tommy bars are not included
- ELORA-Tempering steel C 45 / 1.0503
- according to DIN 896, Form B, ISO 2236, ISO 1085

mm

Code	Number	Contents	Pieces	Weight/g
0210500601000	210S 6M	210-6×7, 8×9, 10×11, 12×13, 14×15, 16×17 mm	1	430
0210500801000	210S 8M	210- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 mm	1	870
0210501001000	210S 10M	210- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27 mm	1	1470
0210501201000	210S 12M	210- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27, 25×28, 30×32 mm	1	2100
0210501401000	210S 14M	210- 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22, 21×23, 24×27, 25×28,30×32, 36×41, 46×50 mm	1	3750

AF"

Code	Number	Contents	Pieces	Weight/g
0210600601000	210S 6AF	210A- 5/16×3/8, 7/16×1/2, 9/16×5/8, 11/16×3/4, 13/16×7/8, 15/16×1 AF	1	1030
0210600801000	210S 8AF	210A- 1/4×9/32, 5/16×3/8, 7/16×1/2, 9/16×5/8, 11/16×3/4, 13/16×7/8, 15/16×1, 1.1/16×1.1/4 AF	1	1470

211-...

TOMMY BAR

- for hexagon tubular box spanners No. 210 and 217
- hardened, chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 900, Form A

Code	Number	for sizes mm	for sizes AF	l/mm	Diameter Ø mm	Pieces	Weight/g
0211000051000	211-5	4 - 5	1/4 - 9/32	125	5	12	20
0211000061000	211-6	6 - 11	5/16 - 7/16	160	6	6	35
0211000081000	211-8	12 - 15	15/32 - 19/32	180	8	6	71
0211000101000	211-10	16 - 17	5/8 - 11/16	200	10	6	123
0211000121000	211-12	18 - 22	3/4 - 7/8	250	12	3	222
0211000141000	211-14	23 - 27	15/16 - 1	320	14	3	386
0211000161000	211-16	24 - 32	1.1/16 - 1.1/4	400	16	3	631
0211000181000	211-18	30 - 41		500	18	3	1000
0211000201000	211-20	41 - 60		630	20	3	1553

212-...

STEPPED TOMMY BAR

- for hex. tubular box spanners ELORA-No. 206, 210 and 217
- hardened, chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 900, Form C

Code	Number	for sizes mm	for sizes AF	Diameter Ø mm	l/mm	Pieces	Weight/g
0212000000000	212-1	6 - 27	5/16 - 1	6 - 8 - 10 - 12 - 14	250	6	230
0212000020000	212-2	6 - 19	5/16 - 3/4	3,2 - 4,3 - 5,3 - 6,9 - 7,9	250	6	230
0212000030000	212-3	20 - 27	5/32 - 1.1/4	6,9 - 7,9 - 9,8 - 11,8 - 12,8	250	6	230

214-...

HEXAGON NUT DRIVER WITH T-HANDLE

- short and long type
- plastic T-handle with suspension hole
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

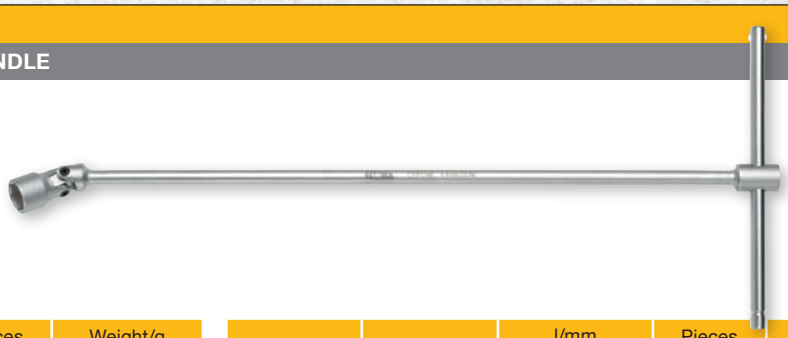
Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0214005121000	214-5,5-125	9	125	160	6	68
0214005231000	214-5,5-230	8	230	265	6	68
0214006121000	214-6-125	9	125	160	6	70
0214006231000	214-6-230	9	230	265	6	104
0214007121000	214-7-125	11	125	160	6	104
0214007231000	214-7-230	11	230	265	6	125
0214008121000	214-8-125	12	125	160	6	104
0214008231000	214-8-230	12	230	265	6	125
0214008351000	214-8-350	12	350	385	6	170
0214009121000	214-9-125	13	125	160	6	110
0214009231000	214-9-230	13	230	265	6	140
0214009351000	214-9-350	13	350	385	6	155
0214010121000	214-10-125	14	125	160	6	104
0214010231000	214-10-230	14	230	265	6	140

Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0214010351000	214-10-350	14	350	385	6	215
0214011121000	214-11-125	16	125	160	6	120
0214011231000	214-11-230	16	230	265	6	170
0214011351000	214-11-350	16	350	385	6	215
0214012121000	214-12-125	17	125	160	6	130
0214012231000	214-12-230	17	230	265	6	170
0214012351000	214-12-350	17	350	385	6	215
0214013121000	214-13-125	18	125	160	6	130
0214013231000	214-13-230	18	230	265	6	180
0214013351000	214-13-350	18	350	385	6	220
0214014121000	214-14-125	19	125	160	6	140
0214014231000	214-14-230	19	230	265	6	180
0214014351000	214-14-350	20	350	385	6	220

236-LM-...

JOINT SOCKET WRENCH WITH T-HANDLE

- for work in awkward areas
- long version
- fixed mounted socket with cardan
- 3/8" square drive on the T-handle side
- chrome plated
- Chrome-Vanadium 31CrV3 / 1.2208



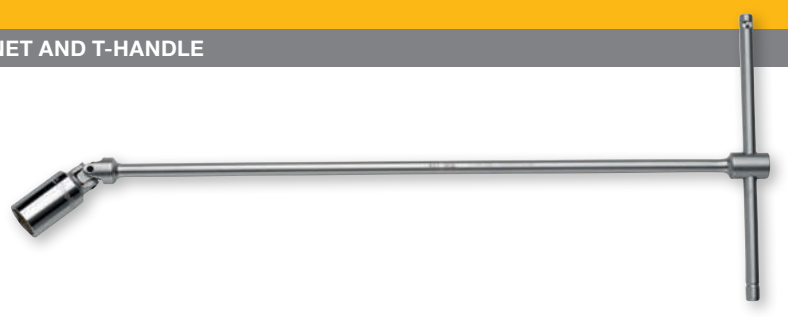
Code	Number	l/mm	Pieces	Weight/g
0236000082000	236-LM8	390	4	400
0236000092000	236-LM9	390	4	400
0236000102000	236-LM10	500	4	500
0236000112000	236-LM11	500	4	500
0236000122000	236-LM12	500	4	500
0236000132000	236-LM13	500	4	500

Code	Number	l/mm	Pieces	Weight/g
0236000142000	236-LM14	500	4	500
0236000152000	236-LM15	500	4	500
0236000162000	236-LM16	500	4	500
0236000172000	236-LM17	500	4	500
0236000182000	236-LM18	500	4	500
0236000192000	236-LM19	500	4	500

236-LMG-...

JOINT SOCKET WRENCH WITH MAGNET AND T-HANDLE

- for work in awkward areas
- long version
- fix mounted socket with magnet and cardan
- chrome plated
- Chrome-Vanadium 31CrV3 / 1.2208

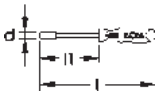


Code	Number	l/mm	Pieces	Weight/g
0236000141000	236-LMG14	485	4	525
0236000161000	236-LMG16	485	4	525

Code	Number	l/mm	Pieces	Weight/g
0236000181000	236-LMG18	485	4	525

213-...
HEXAGON NUT DRIVER, FLEXIBLE

- nonslip QUATROLIT®-2K-handle
- with suspension hole
- limited torque!
- chrome plated



mm

Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0213020050000	213-5	8,0	150	250	6	150
0213020060000	213-6	9,8	150	250	6	150
0213020070000	213-7	10,0	150	250	6	150
0213020080000	213-8	12,0	150	250	6	150
0213020100000	213-10	10,0	150	275	6	270

215-...
HEXAGON NUT DRIVER, SHORT

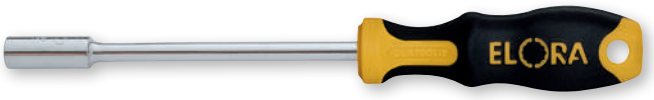
- short version
- nonslip QUATROLIT°-2K-handle
- with suspension hole
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

mm

Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0215000037000	215-3	6,0	55	140	6	55
0215000047000	215-4	7,0	55	140	6	55
0215000457000	215-4,5	7,0	55	140	6	55
0215000057000	215-5	8,0	55	140	6	55
0215000557000	215-5,5	8,1	55	140	6	58
0215000067000	215-6	9,0	55	140	6	58
0215000087000	215-8	12,0	55	150	6	84
0215000097000	215-9	13,0	55	150	6	86
0215000107000	215-10	13,0	55	150	6	88
0215000117000	215-11	16,0	55	160	6	116
0215000127000	215-12	17,0	55	160	6	118
0215000137000	215-13	18,0	55	160	6	130
0215000147000	215-14	20,0	55	160	6	130

216-..., 216A-...
HEXAGON NUT DRIVER, LONG

- long version
- nonslip QUATROLIT°-2K-handle
- with suspension hole
- matt chrome plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 3125, ISO 2725-1



mm

Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0216000032000	216-3	6,0	125	210	6	65
0216000042000	216-4	7,0	125	210	6	65
0216000452000	216-4,5	7,0	125	210	6	65
0216000052000	216-5	8,0	125	210	6	65
0216000552000	216-5,5	8,1	125	210	6	65
0216000062000	216-6	9,0	125	210	6	75
0216000072000	216-7	11,0	125	220	6	98
0216000082000	216-8	12,0	125	220	6	114
0216000092000	216-9	13,0	125	220	6	130
0216000102000	216-10	14,0	125	220	6	130
0216000112000	216-11	16,0	125	230	6	160
0216000122000	216-12	17,0	125	230	6	180
0216000132000	216-13	18,0	125	230	6	190
0216000142000	216-14	19,0	125	230	6	190

AF"

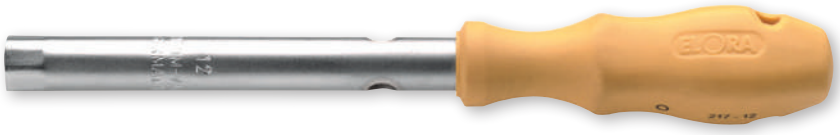
Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0216100062000	216A-1/8	5,0	125	210	6	65
0216100082000	216A-5/32	7,0	125	210	6	65
0216100092000	216A-3/16	8,0	125	220	6	65
0216100112000	216A-7/32	9,0	125	210	6	98
0216100132000	216A-1/4	10,0	125	210	6	98
0216100152000	216A-9/32	11,0	125	220	6	114
0216100172000	216A-5/16	12,0	125	220	6	114
0216100182000	216A-11/32	13,0	125	220	6	130
0216100192000	216A-3/8	14,0	125	220	6	130
0216100212000	216A-7/16	16,0	125	230	6	160
0216100232000	216A-1/2	18,0	125	230	6	190
0216100242000	216A-9/16	20,0	125	230	6	190

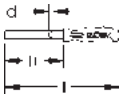
217-...

TUBULAR BOX SPANNER WITH HANDLE

- long version
- with drilled hole for tommy bars
- for use with tommy bars ELORA-No. 211
- from size 8 mm also with stepped tommy ELORA-No. 212-1
- with QUATROLIT®-handle
- with suspension hole
- seamless steel tube, hardened
- matt chrome plated
- Chrome-Vanadium 31 CrV 3 / 1.2208

mm





Code	Number	d mm	l1 mm	l/mm	Pieces	Weight/g
0217000031000	217-3	without hole	125	220	6	56
0217000041000	217-4	without hole	125	220	6	62
0217000451000	217-4,5	without hole	125	220	6	56
0217000051000	217-5	without hole	125	220	6	60
0217000551000	217-5,5	without hole	125	210	6	92
0217000061000	217-6	3,2	125	220	6	104
0217000071000	217-7	3,2	125	220	6	104
0217000081000	217-8	6,2	125	220	6	104
0217000091000	217-9	6,2	125	220	6	112
0217000101000	217-10	6,2	125	230	6	112
0217000111000	217-11	6,2	125	230	6	116
0217000121000	217-12	8,2	125	230	6	155
0217000131000	217-13	8,2	125	230	6	155
0217000141000	217-14	8,2	125	230	6	160
0217000151000	217-15	8,2	125	240	6	165
0217000161000	217-16	8,2	125	240	6	210
0217000171000	217-17	8,2	125	240	6	210

70-2
MULTI FITTING KEY 9 IN 1

- for all usual technical shut-off systems
- 1 tool for 9 applications
- 8 different master cabinet shut-off systems and 5 mm square for radiator valves
- flat construction due to space saving swivel mechanism
- square locking: 5, 6, 7-8, 9-10 mm
- three-edged locking: 7, 8-9, 10-11 mm
- two-way-key 3-5 mm and half-moon locking 6 mm
- securing chain with snap-hook
- dimensions: 95 x 95 mm
- zinc die-casting

Code	Number	Pieces	Weight/g
0070000021000	70-2	1	204

70-1
MULTI FITTING KEY

- female square 5, 6, 7-8 mm
- female three-square 8-9 mm
- multi fitting key: 3-5 mm
- 5 mm square for radiator valves
- body with ¼" bit holder with magnet
- dimensions: 97 x 25 mm
- zinc die-casting

Code	Number	Pieces	Weight/g
0070000011000	70-1	1	70

70-3
MULTI FITTING KEY ELECTRICAL

- for closings of: pneumatic and hydraulic systems
- magnetic valves in automobile- and machinery sector
- magnetic valves of oil heating
- contactless detection of permanent magnets
- contactless voltage field sensor
- implemented magnetic field sensor
- dimensions: approx.: 158 x 28 mm
- female square 5, 6, 7-8 mm
- female three-square 9 mm
- 5 mm square for radiator valves
- two-way-key 3-5 mm
- magnetic bit adaptor 1/4", supplied with one bit PH 2
- screwdriver function with retaining clip
- zinc die-casting

Code	Number	Pieces	Weight/g
0070000031000	70-3	1	135

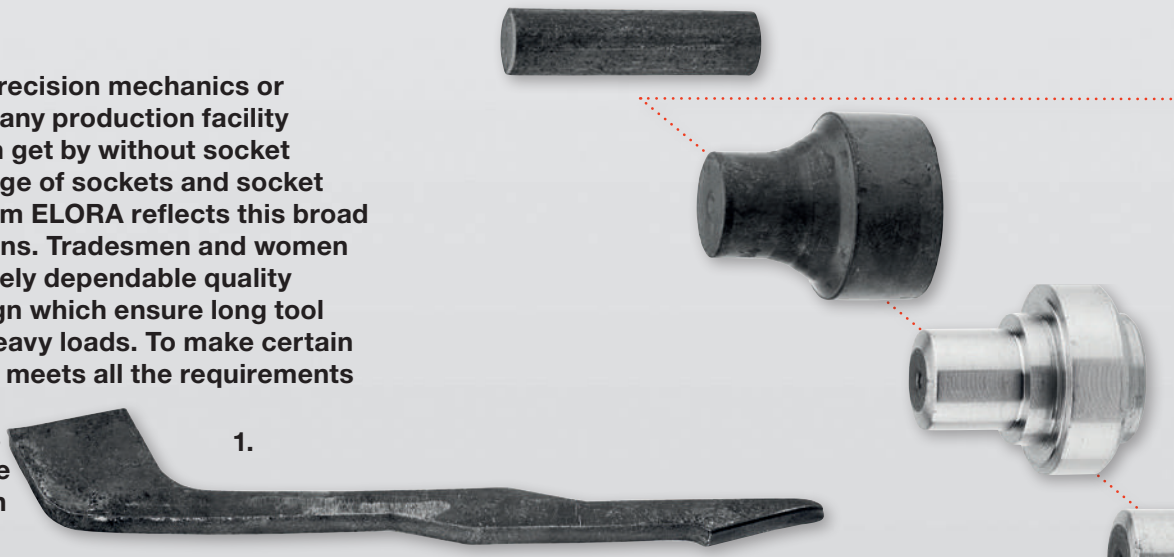
03

SOCKET ASSORTMENTS

SOCKET ASSORTMENTS 1/4"	Page 120
SOCKET ASSORTMENTS 3/8"	Page 129
SOCKET ASSORTMENTS 1/2"	Page 142
SOCKET ASSORTMENTS 3/4"	Page 175
SOCKET ASSORTMENTS 1"	Page 185

STAGES IN THE PRODUCTION OF A RATCHET AND ITS DRIVE

Whether you work in precision mechanics or heavy industry, hardly any production facility or workshop today can get by without socket wrenches. And the range of sockets and socket wrenches available from ELORA reflects this broad spectrum of applications. Tradesmen and women appreciate the absolutely dependable quality and the excellent design which ensure long tool lifetimes even under heavy loads. To make certain that this precision tool meets all the requirements expected in industrial environments, a series of production steps are required, as we explain here.



You will be impressed by the amount of effort our tool experts put into every tool we make up to the point where it is ready for worldwide shipment and sold to a satisfied customer. This applies to all our products – whether it is a single tool or a complete, carefully compiled tool set.

As with all ELORA product families, we place great store by ensuring consistently high product quality, which is why the tight quality controls we apply after every operation have been standard procedure here for some time.

You can expect really tough ratchets that will never let you down – a result of our hand-picked raw materials and sophisticated manufacturing processes. And, to match, we have numerous different sockets and types of sockets. Our impressive product range includes TORX®, multipoint-head, internal hex drive, slotted and Phillips / Pozidriv – you get exactly what you need.

In conclusion – when you buy an ELORA ratchet, you are buying a particularly high-quality tool. Included in the price is the satisfaction of knowing that you have bought a piece of high-grade German engineering – workmanship that is worth every cent.

The inherent qualities of ELORA ratchets are also very impressive. The fine-toothed precision-made gearing that ensures concentricity and maximum functionality. The individual production steps leading up to the "marriage" of outer body and inner mechanisms all require extensive know-how coupled with an enthusiastic attention to detail.

1. Blanking
The starting material is high-grade ELORA chrome vanadium 31 CrV3 /1.2208.

2. Hot forging & flash removal
a. The cropped blank is heated in a furnace to the correct forging temperature and then drop forged in this hot state using high press forces.
b. Following this, the flash is then removed using flash-removal presses.

3. Grinding & vibro-deburring
The subsequent grinding process ensures the tool has a smooth outside surface. Any sharp edges and flash still remaining are then removed by vibro-deburring.

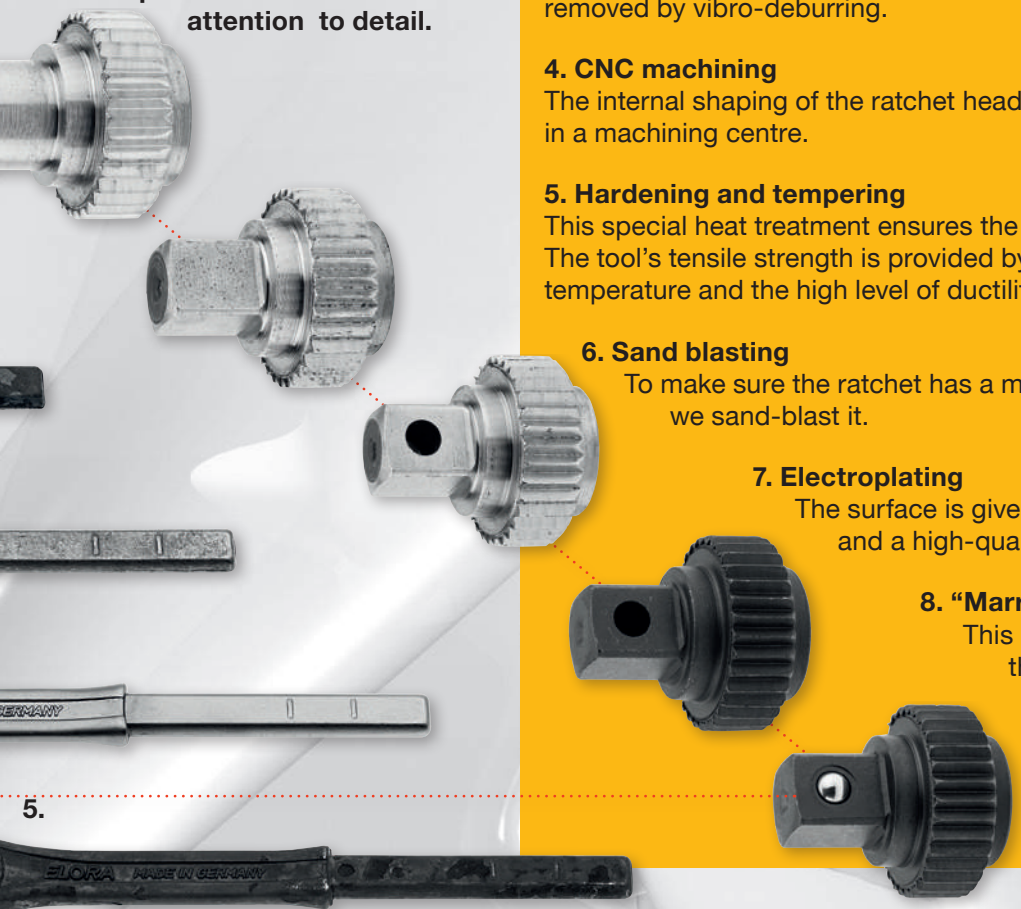
4. CNC machining
The internal shaping of the ratchet head is machined exactly to size in a machining centre.

5. Hardening and tempering
This special heat treatment ensures the longest possible service lifetimes. The tool's tensile strength is provided by precise hardening to a given temperature and the high level of ductility by the tempering process.

6. Sand blasting
To make sure the ratchet has a matt, non-slip surface, we sand-blast it.

7. Electroplating
The surface is given durable anti-corrosion protection and a high-quality satin-finish appearance.

8. "Marriage" & final assembly
This process involves bringing together the body and internal mechanisms. The handle, internal mechanisms and cover are fitted. The tool's functionality is thoroughly checked.



5.

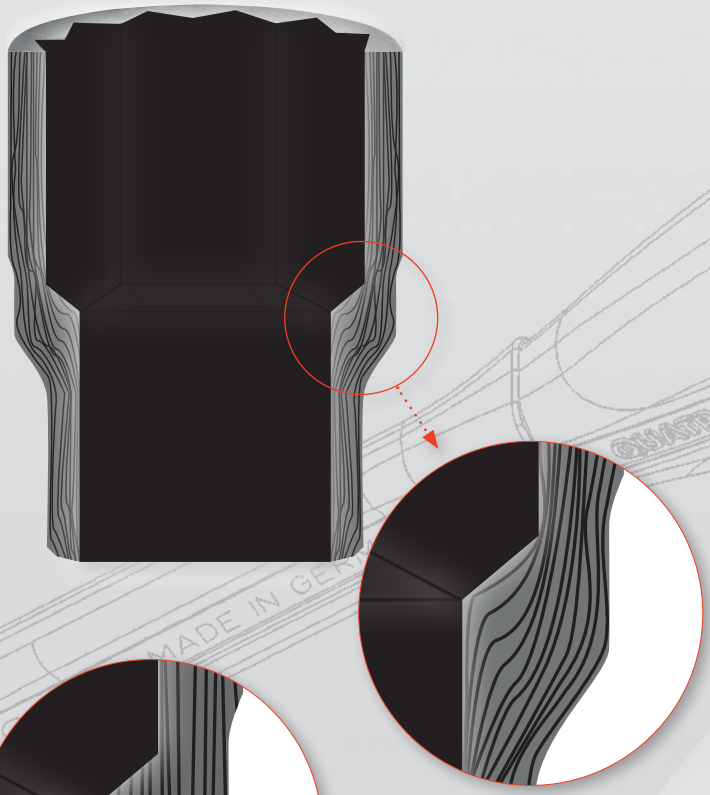
6.

7.

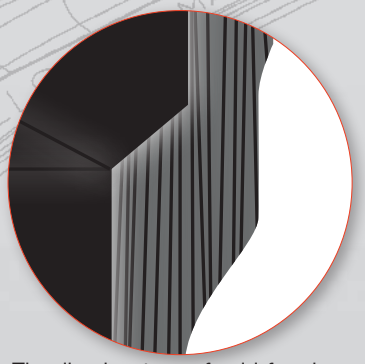
8.

If ELORA customers want to get the full benefit of an ELORA ratchet, they really need sockets of the same high quality. As you would expect, the manufacture of these sockets is subject to the same stringent quality requirements and ELORA sockets are also hot forged.

This creates a microscopic fibre-like structure in the metal with no interruptions (in contrast to cold-formed tools) which always runs parallel to the outer shape. Unwanted stresses in the tool are thus kept to an absolute minimum. At the same time, this increases the tool's durability and tensile strength by a considerable degree – these are product benefits that pay for themselves, especially when you are applying full loadings, and enable long service lives.



One advantage of hot forging: the uninterrupted fibre-like structure



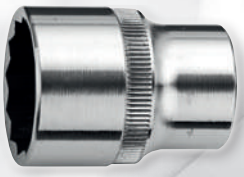
The disadvantage of cold-forming: interrupted fibres

This ELORA product family contains a wide range of sockets designed for all sectors of industry and the trades. Input and output drives for many different types of sockets. All the standard sizes you would expect. Separately or in sets. In robust, protective metal cases or ready for use in exactly cut, easy-to-use ELORA OMS modules.

The production process for ELORA sockets is both costly and complex

1. Chrome vanadium raw material cut to length 31 CrV3 /1.2208

2. In three operations, the socket blank is hot forged in a press. This is how the square drive, hexagon drive and 12 point profiles are made.



3. Turning and knurling give the socket its final shape and in this process it is also trimmed to length.

4. The company markings and size details are stamped on the outside using a roller stamp.

5. To ensure the socket has the necessary tensile strength combined with high ductility, it is hardened and tempered in a protective atmosphere.

6. The sand blasting and polishing stage is preparation for electroplating.

7. Anti-corrosion protection is provided by the nickel layer which is applied by electroplating. The electroplated chrome layer provides the perfect finish and improved tactile qualities.

03

1450-1D

REVERSIBLE RATCHET 1/4", FINE TOOTH

- with small, slim head
- gear wheel with safety locking and quick release button
- smallest possible swivel angle 5°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 6,3, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000012200	1450-1D	145	1	95
1450000012003	1450-E1DN	Repair Kit	1	20

1450-1UN

REVERSIBLE RATCHET 1/4", FINE TOOTH

- with small, round head
- forged, fine teethed wheel with grippy metal switching disk
- smallest possible swivel angle 5°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 6,3, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000013900	1450-1UN	145	1	105
1450000012012	1450-E1UN	Repair Kit	1	35

1450-2ZI

PUSH THROUGH RATCHET 1/4"

- extremely rugged ratchet with round head
- forged gear wheel with push through square coupler
- smallest possible swivel angle 18°
- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- square according to DIN 3120-A 6,3, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

6,3

1/4"

1450-2V

Code	Number	l/mm	Pieces	Weight/g
1450000022000	1450-2ZI	140	1	62
1450000022001	1450-E2ZI	Repair Kit	1	20
1450000022002	1450-2V	21	1	8

You will find the matching socket converter 1/4" on page no. 125

1455-M..., 1455A-...

SOCKET 1/4", HEXAGON

- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

6,3

1/4"

mm

Code	Number	l/mm	Pieces	Weight/g
1455000352000	1455-M 3,5	25	12	9
1455000042000	1455-M 4	25	12	9
1455000452000	1455-M 4,5	25	12	10
1455000052000	1455-M 5	25	12	10
1455000552000	1455-M 5,5	25	12	10
1455000062000	1455-M 6	25	12	10
1455000072000	1455-M 7	25	12	11
1455000082000	1455-M 8	25	12	12
1455000092000	1455-M 9	25	12	14
1455000102000	1455-M 10	25	12	18
1455000112000	1455-M 11	25	12	23
1455000122000	1455-M 12	25	12	24
1455000132000	1455-M 13	25	12	24
1455000142000	1455-M 14	25	12	28

AF"

Code	Number	l/mm	Pieces	Weight/g
1455100082000	1455A-5/32	25	12	9
1455100092000	1455A-3/16	25	12	10
1455100112000	1455A-7/32	25	12	10
1455100132000	1455A-1/4	25	12	10
1455100152000	1455A-9/32	25	12	11
1455100172000	1455A-5/16	25	12	12
1455100182000	1455A-11/32	25	12	14
1455100192000	1455A-3/8	25	12	18
1455100212000	1455A-7/16	25	12	23
1455100232000	1455A-1/2	25	12	24
1455100242000	1455A-9/16	25	12	28

1455-T...

SOCKET 1/4", HEXAGON, EXTRA DEEP

- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

6,3

1/4"

mm

Code	Number	l/mm	Pieces	Weight/g
1455050402000	1455-T 4	50	6	14
1455050452000	1455-T 4,5	50	6	14
1455050502000	1455-T 5	50	6	15
1455050552000	1455-T 5,5	50	6	16
1455050602000	1455-T 6	50	6	17
1455050702000	1455-T 7	50	6	22
1455050802000	1455-T 8	50	6	25
1455050902000	1455-T 9	50	6	29
1455051002000	1455-T 10	50	6	33
1455051102000	1455-T 11	50	6	46
1455051202000	1455-T 12	50	6	51
1455051302000	1455-T 13	50	6	55
1455051402000	1455-T 14	50	6	72

1455-TXE...

SOCKET 1/4"

- for outside TORX® screws
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	mm	l/mm	Pieces	Weight/g
1455060042000	1455-TXE 4	3,86	25	12	12
1455060052000	1455-TXE 5	4,75	25	12	12
1455060062000	1455-TXE 6	5,74	25	12	14
1455060072000	1455-TXE 7	6,22	25	12	14
1455060082000	1455-TXE 8	7,52	25	12	15
1455060102000	1455-TXE 10	9,42	25	12	18
1455060112000	1455-TXE 11	9,98	25	12	18

1455-IS...

SCREWDRIVER SOCKET 1/4"

- for plain slotted screws
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- with manganese-phosphated blade
- tips according to DIN ISO 2380-1 Form B

6,3

1/4"

Code	Number	Blade Size mm	l/mm	Pieces	Weight/g
1455020402000	1455-IS 4	0,8 x 4,0	25	12	10
1455020552000	1455-IS 5,5	1,0 x 5,5	25	12	11
1455020652000	1455-IS 6,5	1,2 x 6,5	25	12	11
1455020802000	1455-IS 8	1,6 x 8,0	25	12	11

1455-PH...

SCREWDRIVER SOCKET 1/4"

- for cross slotted screws
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- with manganese-phosphated blade
- tips according to DIN ISO 8764-1 PH

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
1455021012000	1455-PH 1	28	12	11
1455021022000	1455-PH 2	28	12	11
1455021032000	1455-PH 3	28	12	12
1455021042000	1455-PH 4	28	12	13

1455-PZ...

SCREWDRIVER SOCKET 1/4"

- for cross slotted screws
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- with manganese-phosphated blade
- tips according to DIN ISO 8764-1 PZ

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
1455022012000	1455-PZ 1	28	12	10
1455022022000	1455-PZ 2	28	12	11
1455022032000	1455-PZ 3	28	12	12

1455-IN..., 1455-INA...

SCREWDRIVER SOCKET 1/4"

- for inside hexagon screws
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- with manganese-phosphated male hexagon
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- according to DIN 7422

6,3

1/4"

mm

Code	Number	l/mm	Pieces	Weight/g
1455010022005	1455-IN 2,5	25	12	10
1455010032000	1455-IN 3	25	12	10
1455010042000	1455-IN 4	25	12	10
1455010052000	1455-IN 5	25	12	11
1455010062000	1455-IN 6	25	12	11
1455010072000	1455-IN 7	25	12	12
1455010082000	1455-IN 8	25	12	14

AF"

Code	Number	l/mm	Pieces	Weight/g
1455110062000	1455-IN 1/8	25	12	10
1455110082000	1455-IN 5/32	25	12	10
1455110092000	1455-IN 3/16	25	12	11
1455110112000	1455-IN 7/32	25	12	11
1455110132000	1455-IN 1/4	25	12	11
1455110172000	1455-IN 5/16	25	12	14

3243-TX...

SCREWDRIVER SOCKET 1/4"

- for inside TORX® screws
- matt chrome-plated
- knurled
- with manganese-phosphated blade
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	mm	l/mm	Pieces	Weight/g
3243000082000	3243-TX 8	2,31	28	6	7
3243000092000	3243-TX 9	2,50	28	6	7
3243000102000	3243-TX 10	2,74	28	6	8
3243000152000	3243-TX 15	3,27	28	6	8
3243000202000	3243-TX 20	3,86	28	6	8
3243000252000	3243-TX 25	4,43	28	6	8
3243000272000	3243-TX 27	4,99	28	6	9
3243000302000	3243-TX 30	5,52	28	6	9
3243000402000	3243-TX 40	6,65	28	6	10

3243-TTX...

SCREWDRIVER SOCKET 1/4"

- for inside TORX® safety screws
- matt chrome-plated
- knurled
- with manganese-phosphated blade with bore hole
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	mm	l/mm	Pieces	Weight/g
3243010082000	3243-TTX 8	2,31	28	6	7
3243010092000	3243-TTX 9	2,50	28	6	7
3243010102000	3243-TTX 10	2,74	28	6	8
3243010152000	3243-TTX 15	3,27	28	6	8
3243010202000	3243-TTX 20	3,86	28	6	8
3243010252000	3243-TTX 25	4,43	28	6	8
3243010272000	3243-TTX 27	4,99	28	6	9
3243010302000	3243-TTX 30	5,52	28	6	9
3243010402000	3243-TTX 40	6,65	28	6	10

1455-KL, 1455-MKL

SOCKET RAIL 1/4"

1455-KL:

- 15 shiftable socket clips
- two holes allow permanent mounting
- chrome-plated, polished

1455-MKL:

- 11 shiftable socket clips
- strong magnet enables firm mounting
- black coated

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
0000914146000	1455-KL	414	1	67
0000914146001	1455-MKL	200	1	122

1455-SB

PLASTIC HOLDER 1/4"

- appropriate for sockets nominal size 6,3 (1/4'') and operation tools with female square

6,3

1/4"

Code	Number	Pieces	Weight/g
0000700147000	1455-SB	1	10

1450-3
SPINNER HANDLE 1/4"

- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 6,3, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

6,3
1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000032000	1450-3	150	6	92

1450-4
SLIDING T-BAR 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120- A 6,3, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

6,3
1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000042000	1450-4	115	6	48

1450-7
FLEXIBLE HANDLE 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120- A 6,3, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

6,3
1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000072000	1450-7	150	6	96

1450-...
EXTENSION BAR 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. with ball retaining groove
- according to DIN 3123, ISO 3316

6,3
1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000112000	1450-11	50	6	24
1450000052000	1450-5	100	6	42
1450000122000	1450-12	150	6	64

1450-6
FLEXIBLE EXTENSION BAR 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. with ball retaining groove

6,3
1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000062000	1450-6	125	6	50

1450-8

UNIVERSAL JOINT 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. with ball retaining groove
- according to DIN 3123, ISO 3316

6,3

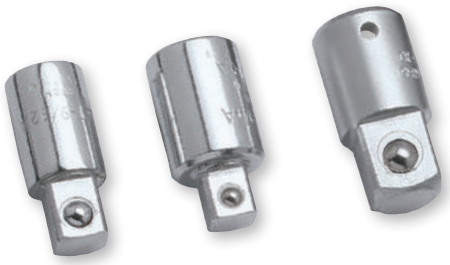
1/4"

Code	Number	l/mm	Pieces	Weight/g
1450000082000	1450-8	45	6	25

1450-../870-10

SOCKET CONVERTER 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. with ball retaining groove
- according to DIN 3123, ISO 3316



6,3

1/4"

Code	Number	■	▢	l/mm	Pieces	Weight/g
1450000132000	1450-13	9/32"	1/4"	26	6	11
1450000142000	1450-14	1/4"	9/32"	26	6	15
1450000152000	1450-15	3/8"	1/4"	26	6	16
0870011002000	870-10	1/4"	3/8"	39	6	34

1450-16

SOCKET CONVERTER 1/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female hexagon according to DIN 3126-D 6,3, with bit retaining spring
- female square according to DIN 3120-C 6,3, ISO 1174, with ball retaining groove

6,3

1/4"

Code	Number	l/mm	▢	○	Pieces	Weight/g
1450000162000	1450-16	25	1/4"	1/4"	6	12

1430-...

SOCKET SET 1/4"

- MU=16 pcs., AU=14 pcs.
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

6,3

1/4"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
1430504132000	1430-MU	Reversible Ratchet 1450-1D	Hexagon Sockets 1455-M 4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 13 mm	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	730
1430609232000	1430-AU	Reversible Ratchet 1450-1D	Hexagon Sockets 1455A-3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 AF	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	710

1430-TXU/TTXU

SOCKET SET 1/4"

- 14 pcs.
- suitable for inside TORX® screws resp. inside TORX® safety screws
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
1430505102000	1430-TXU	Reversible Ratchet 1450-1D	Screwdriver Sockets 3243-TX 8, 9, 10, 15, 20, 25, 27, 30, 40	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	700
1430505202000	1430-TTXU	Reversible Ratchet 1450-1D	Screwdriver Sockets 3243-TTX 8, 9, 10, 15, 20, 25, 27, 30, 40	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	680

1430-TXEU/TTXEU

SOCKET SET 1/4"

- 21 pcs.
- suitable for inside- and outside TORX® screws resp. inside TORX® safety screws
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
1430505302000	1430-TXEU	Reversible Ratchet 1450-1D	Sockets 1455-TXE 4, 5, 6, 7, 8, 10, 11 Screwdriver Sockets 3243-TX 8, 9, 10, 15, 20, 25, 27, 30, 40	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	780
1430505402000	1430-TTXEU	Reversible Ratchet 1450-1D	Sockets 1455-TXE 4, 5, 6, 7, 8, 10, 11 Screwdriver Sockets 3243-TTX 8, 9, 10, 15, 20, 25, 27, 30, 40	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	760

1400-I...

SOCKET SET 1/4"

- MU=21 pcs., AU=20 pcs.
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

6,3
1/4"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
1400514132000	1400-IMU	Reversible Ratchet 1450-1D	Sockets 1455-M 4, 4,5, 5, 5,5, 6,7, 8, 9, 10, 11, 13 mm Screwdriver Sockets 1455-IN 3, 4, 5, 6, 8 mm	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	830
1400619232000	1400-IAU	Reversible Ratchet 1450-1D	Sockets 1455A- 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 AF Screwdriver Sockets 1455-IN 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 AF"	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 100 mm 1450-5 Universal Joint 1450-8	1	840

714-6MU

SOCKET SET 1/4" AND 1/2"

- 25 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

6,3
12,5
1/4"
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0714562502000	714-6MU	1/4": Reversible Ratchet 1450-1D 1/2": Reversible Ratchet 770-L1D	Hexagon Sockets 1/4": 1455-M 5,5, 6, 7, 8, 9, 10, 11, 12, 13 mm 1/2": 771-LM 10, 13, 15, 17, 19, 22, 24, 27 mm	1/4": Spinner Handle 1450-3 Extension Bar 100 mm 1450-5 Universal Joint 1450-8 1/2": Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7"	1	3600

714-6MU OMS

SOCKET SET 1/4" AND 1/2", COMBINED

- 46 pcs.
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

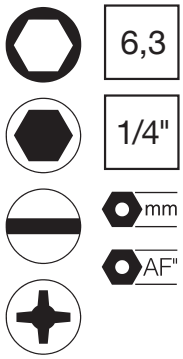
6,3
12,5
1/4"
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0714562502046	714-6MU OMS	1/4": Reversible Ratchet 1450-1D 1/2": Reversible Ratchet 770-L1D	Sockets 1/4" 1455-M 5,5, 6, 7, 8, 9, 10, 11, 12, 13 mm 1455-TXE 4, 5, 6, 7, 8, 10, 11 Hexagon Sockets 1/2"" 771-LM 10, 13, 15, 17, 19, 22, 24, 27 mm Screwdriver Sockets 1/4"" 3243-TX 8, 9, 10, 15, 20, 25, 27, 30, 40 1455-IN 3, 4, 5, 6, 8 mm	1/4": Spinner Handle 1450-3 Extension Bar 100 mm 1450-5 Universal Joint 1450-8 1/2": Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	3600

1440-...

SOCKET SET 1/4“

- MU=30 pcs., AU=31 pcs.
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

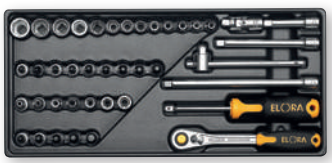


Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
1440504142000	1440-MU	Reversible Ratchet 1450-1D	Sockets 1455-M 4, 4,5, 5, 5,5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm Screwdriver Sockets 1455-IN 3, 4, 5, 6, 8 mm 1455-IS 4, 5,5, 6,5 mm 1455-PH 1, 2, 3	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 50 mm 1450-11 Extension Bar 100 mm 1450-5 Extension Bar 150 mm 1450-12 Universal Joint 1450-8	1	1400
1440608242000	1440-AU	Reversible Ratchet 1450-1D	Sockets 1455A- 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16 AF Screwdriver Sockets 1455-IN 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 AF 1455-IS 4, 5,5, 6,5 mm 1455-PH 1, 2, 3	Spinner Handle 1450-3 Sliding T-Bar 1450-4 Extension Bar 50 mm 1450-11 Extension Bar 100 mm 1450-5 Extension Bar 150 mm 1450-12 Universal Joint 1450-8	1	1150

You will find combined socket sets 1/4“ and 1/2“ on page no. 127

You will find the matching OMS-2 module on page no. 45

You will find the matching MS-50 module on page no. 55



870-1D

REVERSIBLE RATCHET 3/8"

- rugged ratchet with small, slim head
- forged gear wheel with male and female square
- smallest possible swivel angle 15°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870001012000	870-1D	200	1	230
0870010132000	870-E1D	Repair Kit	1	60

870-1F

REVERSIBLE RATCHET 3/8"

- rugged ratchet with small, slim head
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 15°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870001102000	870-1F	200	1	230
0870010172000	870-E1F	Repair Kit	1	60

870-1G

REVERSIBLE RATCHET WITH FLEXIBLE HEAD 3/8"

- 180° swivelling
- forged gear wheel with male and female square
- smallest possible swivel angle 15°
- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870001022000	870-1G	290	1	640
0870010132000	870-E1D	Repair Kit	1	60

870-1GF

REVERSIBLE RATCHET WITH FLEXIBLE HEAD 3/8"

- 180° swivelling
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 15°
- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870001122000	870-1GF	290	1	640
0870010172000	870-E1F	Repair Kit	1	60

870-1UN

REVERSIBLE RATCHET 3/8", FINE TOOTH

- with small, round head
- forged, fine teethed wheel with grippy metal switching disk
- smallest possible swivel angle 5°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870001012900	870-1UN	195	1	210
0870010182000	870-E1UN	Repair Kit	1	50

870-1ZI

PUSH THROUGH RATCHET 3/8"

- extremely rugged ratchet with round head
- forged gear wheel with push through square coupler
- smallest possible swivel angle 15°
- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

870-1V

Code	Number	l/mm	Pieces	Weight/g
0870010112000	870-1ZI	200	1	215
0870010122000	870-1V	25	12	35
0870010152000	870-E1ZI	Repair Kit	1	70

870-M..., 870-A..., 870-W...

SOCKET 3/8", BI-HEXAGON

- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

10

3/8"

mm

Code	Number	l/mm	Pieces	Weight/g
0870000062000	870-M 6	25	6	24
0870000072000	870-M 7	25	6	24
0870000082000	870-M 8	25	6	24
0870000092000	870-M 9	25	6	26
0870000102000	870-M 10	25	6	26
0870000112000	870-M 11	25	6	26
0870000122000	870-M 12	25	6	26
0870000132000	870-M 13	25	6	28
0870000142000	870-M 14	25	6	28
0870000152000	870-M 15	25	6	30
0870000162000	870-M 16	25	6	30
0870000172000	870-M 17	26	6	38
0870000182000	870-M 18	27	6	38
0870000192000	870-M 19	28	6	38
0870000202000	870-M 20	28	6	46
0870000212000	870-M 21	28,5	6	52
0870000222000	870-M 22	28,5	6	60
0870000242000	870-M 24	28,5	6	68

AF"

Code	Number	l/mm	Pieces	Weight/g
0870100192000	870-A 3/8	25	6	26
0870100212000	870-A 7/16	25	6	26
0870100232000	870-A 1/2	25	6	26
0870100242000	870-A 9/16	25	6	26
0870100252000	870-A 19/32	25	6	30
0870100262000	870-A 5/8	25	6	32
0870100272000	870-A 11/16	26	6	40
0870100282000	870-A 3/4	28	6	46
0870100292000	870-A 25/32	28	6	46
0870100302000	870-A 13/16	29	6	48
0870100312000	870-A 7/8	29	6	52

WW

Code	Number	l/mm	Pieces	Weight/g
0870200092000	870-W 3/16	25	6	26
0870200132000	870-W 1/4	25	6	26
0870200172000	870-W 5/16	25	6	30
0870200192000	870-W 3/8	27	6	34
0870200212000	870-W 7/16	28,5	6	48
0870200232000	870-W 1/2	28,5	6	60

871-M..., 871-A..., 871-W..., 871-BA...

SOCKET 3/8", HEXAGON

- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

10

3/8"

mm

Code	Number	l/mm	Pieces	Weight/g
0871000062000	871-M 6	25	6	24
0871000072000	871-M 7	25	6	24
0871000082000	871-M 8	25	6	24
0871000092000	871-M 9	25	6	26
0871000102000	871-M 10	25	6	26
0871000112000	871-M 11	25	6	26
0871000122000	871-M 12	25	6	26
0871000132000	871-M 13	25	6	28
0871000142000	871-M 14	25	6	28
0871000152000	871-M 15	25	6	30
0871000162000	871-M 16	25	6	30
0871000172000	871-M 17	26	6	38
0871000182000	871-M 18	27	6	38
0871000192000	871-M 19	28	6	38
0871000202000	871-M 20	28	6	46
0871000212000	871-M 21	28,5	6	52
0871000222000	871-M 22	28,5	6	60
0871000242000	871-M 24	28,5	6	68

AF"

Code	Number	l/mm	Pieces	Weight/g
0871100132000	871-A1/4	25	6	24
0871100172000	871-A5/16	25	6	24

WW

Code	Number	l/mm	Pieces	Weight/g
0871200032000	871-W1/8	25	6	26

BA

Code	Number	l/mm	Pieces	Weight/g
0871300042000	871-BA 4	25	6	25
0871300022000	871-BA 2	25	6	24
0871300002000	871-BA 0	25	6	24

870-T...

SOCKET 3/8", EXTRA DEEP, BI-HEXAGON

- especially suitable for deep-set female screws on long threaded bolts
- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

Code	Number	l/mm	Pieces	Weight/g
0870003102000	870-T 10	65	6	45
0870003112000	870-T 11	65	6	50
0870003122000	870-T 12	65	6	55
0870003132000	870-T 13	65	6	60
0870003142000	870-T 14	65	6	65
0870003152000	870-T 15	65	6	70
0870003162000	870-T 16	70	6	80
0870003172000	870-T 17	70	6	95
0870003182000	870-T 18	70	6	105
0870003192000	870-T 19	70	6	108
0870003202000	870-T 20	70	6	120
0870003212000	870-T 21	70	6	125
0870003222000	870-T 22	70	6	128

870-TXE...

SOCKET3/8"

- for outside TORX® screws
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, ball retaining groove
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	mm	l/mm	Pieces	Weight/g
0870020052000	870-TXE 5	4,75	31	6	36
0870020062000	870-TXE 6	5,74	31	6	37
0870020072000	870-TXE 7	6,22	31	6	37
0870020082000	870-TXE 8	7,52	31	6	37
0870020102000	870-TXE 10	9,42	31	6	40
0870020112000	870-TXE 11	9,98	31	6	40
0870020122000	870-TXE 12	11,17	31	6	40
0870020142100	870-TXE 14	12,85	31	6	44

You will find the matching spark plug sockets on page no. 432, 433

870-11

SCREWDRIVER SOCKET 3/8"

- for plain slotted screws
- chrome-plated, polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove

10

3/8"

Code	Number	Blade Size mm	l/mm	Pieces	Weight/g
0870011102000	870-11	16x3,0	39	6	52

3520-PH...

SCREWDRIVER SOCKET 3/8"

- for cross slotted screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN ISO 8764-1 PH

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
3520000032000	3520-PH 3	48	6	52
3520000042000	3520-PH 4	48	6	52

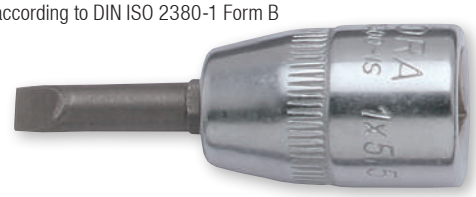
3500-IS...

SCREWDRIVER SOCKET 3/8"

- for plain slotted screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- Female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN ISO 2380-1 Form B

10

3/8"



Code	Number	Blade Size mm	l/mm	Pieces	Weight/g
3500000082000	3500-IS 0,8	0,8x4,0	52	6	50
3500000102000	3500-IS 1,0	1,0x5,5	52	6	50
3500000122000	3500-IS 1,2	1,2x8,0	52	6	52

3510-IN...

SCREWDRIVER SOCKET 3/8"

- for inside hexagon screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422

10

3/8"

mm

Code	Number	mm	l/mm	Pieces	Weight/g
3510000032000	3510-IN 3	M4	44	6	50
3510000042000	3510-IN 4	M5	44	6	50
3510000052000	3510-IN 5	M6	44	6	52
3510000062000	3510-IN 6	M8	44	6	52
3510000072000	3510-IN 7		44	6	54
3510000082000	3510-IN 8	M10	44	6	54
3510000092000	3510-IN 9		44	6	58
3510000102000	3510-IN 10	M12	44	6	58
3510000122000	3510-IN 12	M14	44	6	58

AF"

Code	Number	l/mm	Pieces	Weight/g
3510100062000	3510-IN 1/8	44	6	48
3510100082000	3510-IN 5/32	44	6	48
3510100092000	3510-IN 3/16	44	6	48
3510100112000	3510-IN 7/32	44	6	48
3510100132000	3510-IN 1/4	44	6	52
3510100172000	3510-IN 5/16	44	6	52
3510100192000	3510-IN 3/8	44	6	58

3510-INL...

SCREWDRIVER SOCKET 3/8", LONG

- for inside hexagon screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422

10 | 3/8" | mm

Code	Number	mm	l/mm	Pieces	Weight/g
3510010042100	3510-INL 4x100	M5	100	6	70
3510010052100	3510-INL 5x100	M6	100	6	72
3510010052180	3510-INL 5x180	M6	180	6	108
3510010062100	3510-INL 6x100	M6	100	6	77
3510010062220	3510-INL 6x220	M6	220	6	122
3510010082100	3510-INL 8x100	M10	100	6	74
3510010102130	3510-INL 10x130	M12	130	6	116

3244-TXL-45

SCREWDRIVER SOCKET 3/8", LONG

- for inside TORX® screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

10 | 3/8"

Code	Number	mm	l/mm	Pieces	Weight/g
3244020451100	3244-TXL 45	7,82	100	6	87

3244-TX...

SCREWDRIVER SOCKET 3/8"

- for inside TORX® screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

10 | 3/8"

Code	Number	mm	l/mm	Pieces	Weight/g
3244000092000	3244-TX 9	2,50	46	6	50
3244000102000	3244-TX 10	2,74	46	6	50
3244000152000	3244-TX 15	3,27	46	6	52
3244000202000	3244-TX 20	3,86	46	6	54
3244000252000	3244-TX 25	4,43	46	6	54
3244000272000	3244-TX 27	4,99	46	6	54
3244000302000	3244-TX 30	5,52	46	6	60
3244000402000	3244-TX 40	6,65	46	6	62
3244000452000	3244-TX 45	7,82	46	6	65
3244000502000	3244-TX 50	8,83	46	6	70

3244-TTX...

SCREWDRIVER SOCKET 3/8"

- for Inside-TORX® safety screws
- with bore hole in tip
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

10 | 3/8"

Code	Number	mm	l/mm	Pieces	Weight/g
3244010092000	3244-TTX 9	2,50	46	6	50
3244010102000	3244-TTX 10	2,74	46	6	50
3244010152000	3244-TTX 15	3,27	46	6	52
3244010202000	3244-TTX 20	3,86	46	6	54
3244010252000	3244-TTX 25	4,43	46	6	54
3244010272000	3244-TTX 27	4,99	46	6	54
3244010302000	3244-TTX 30	5,52	46	6	60
3244010402000	3244-TTX 40	6,65	46	6	62
3244010452000	3244-TTX 45	7,82	46	6	65
3244010502000	3244-TTX 50	8,83	46	6	70

3530-XZN...

SCREWDRIVER SOCKET 3/8"

- for inside multi-point B & S and XZN screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- Blade according to DIN 2325

10

3/8"

Code	Number	mm	l/mm	Pieces	Weight/g
3530000052000	3530-XZN 5	M5	44	6	48
3530000062000	3530-XZN 6	M6	44	6	50
3530000082000	3530-XZN 8	M8	45	6	50
3530000102000	3530-XZN 10	M10	45	6	58

3530-XZNL...

SCREWDRIVER SOCKET 3/8", EXTRA LONG

- for inside multi-point screws
- suitable for inside B & S and XZN screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN 2325

10

3/8"

Code	Number	mm	l/mm	Pieces	Weight/g
3530010102093	3530-XZNL 10x93	M10	93	6	92

779-...

CROW FOOT SPANNER 3/8"

- for cap nuts and pipe fittings
- chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 10 ISO 1174

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0779000105100	779-10	39,0	6	35
0779000115100	779-11	40,0	6	35
0779000125100	779-12	41,0	6	35
0779000135100	779-13	41,0	6	35
0779000145100	779-14	42,0	6	45
0779000155100	779-15	43,0	6	45
0779000165100	779-16	46,0	6	45
0779000175100	779-17	46,0	6	60
0779000185100	779-18	48,0	6	60
0779000195100	779-19	50,0	6	65

870-M SB

PLASTIC HOLDER 3/8"

- appropriate for sockets nominal size 10 (3/8") and operation tools with female square

10

3/8"

Code	Number	Pieces	Weight/g
0000700387000	870-M SB	1	10

870-KL, 870-MKL

SOCKET RAIL 3/8"

10

3/8"

870-KL:

- 15 shiftable socket clips
- two holes allow permanent mounting
- chrome-plated, polished

870-MKL:

- 11 shiftable socket clips
- strong magnet enables firm mounting
- black coated

Code	Number	l/mm	Pieces	Weight/g
0000938146000	870-KL	414	1	72
0000938146001	870-MKL	300	1	172

870-SPM/871-SPM

ELORA-SOCKET DISPLAY DISPENSER

- for sockets 3/8" square drive
- 870: Bi-Hexagon, 871: Hexagon, dispenser made of heavy gauge steel, black laquered

10

3/8"

mm

Code	Number	Width mm	Depth mm	Height mm	Contents	Pieces	Weight/g
0870510202000	870-SPM	425	40	210	Bi-Hexagon Sockets 10 pcs. each 870-M 6, 7, 8, 9, 10, 11, 12, 13 mm 9 pcs. each 870-M 14 mm 8 pcs. each 870-M 15, 16 mm 7 pcs. each 870-M 17, 18, 19 mm 6 pcs. each 870-M 20, 21, 22 mm	1	6500
0871510202000	871-SPM	425	40	210	Hexagon Sockets 10 pcs. each 871-M 6, 7, 8, 9, 10, 11, 12, 13 mm 9 pcs. each 871-M 14 mm 8 pcs. each 871-M 15, 16 mm 7 pcs. each 871-M 17, 18, 19 mm 6 pcs. each 871-M 20, 21, 22 mm	1	6500

You will find the matching BIG SPENDER on page no. 156, 157

870-7
FLEXIBLE HANDLE 3/8"

- matt chrome-plated
- plastic handle
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870010702000	870-7	250	6	240

870-12
SPINNER-HANDLE 3/8"

- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870011202000	870-12	180	6	170

870-8
SLIDING T-BAR 3/8"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870010802000	870-8	200	6	155

870-2
SPEED BRACE 3/8"

- matt chrome-plated
- plastic handle
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 10, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

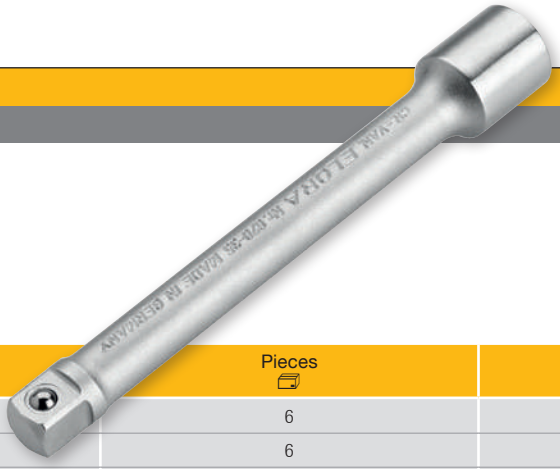
10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870010202000	870-2	345	6	345

870-...

EXTENSION BAR 3/8"



- matt chrome-plated, head polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball retaining groove resp. with ball locking device
- according to DIN 3123, ISO 3316

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870010252000	870-25	35	6	42
0870010302000	870-3	75	6	68
0870010352000	870-35	125	6	104
0870010402000	870-4	150	6	124
0870010502000	870-5	200	6	170
0870010552000	870-55	250	6	200
0870010602000	870-6	300	6	240
0870010662000	870-66	500	6	390

870-V...

EXTENSION BAR 3/8", SWIVELLING

- matt chrome-plated, head polished
- with special square for a swivle angle of 8° to each side
- especially suitable for screw connections within confined spaces
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball retaining groove resp. with ball locking device
- according to DIN 3123, ISO 3316

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870010302100	870-3V	75	6	68
0870010352100	870-35V	125	6	104
0870010402500	870-4V	150	6	124
0870010552500	870-55V	250	6	200

870-9

UNIVERSAL JOINT 3/8"

- chrome-plated, polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball retaining groove resp. with ball locking device
- according to DIN 3123, ISO 3316

10

3/8"

Code	Number	l/mm	Pieces	Weight/g
0870010902000	870-9	55	6	68

870-10/770-L.../1450-15

SOCKET CONVERTER

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. with ball retaining groove
- according to DIN 3123, ISO 3316

10

3/8"

Code	Number	■	▢	l/mm	Pieces	Weight/g
0870011002000	870-10	1/4"	3/8"	32	6	34
0770013002000	770-L13	3/8"	1/2"	40	6	65
0770014002000	770-L14	1/2"	3/8"	36	6	60
1450000152000	1450-15	3/8"	1/4"	26	6	16

870-J.../871-J...

SOCKET SET 3/8"

- JMU=18 pcs., JAU=15 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- operation tools according to DIN 3122, ISO 3315

10
3/8"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0870500502000	870-JMU	Reversible Ratchet 870-1D	Bi-Hexagon Sockets 870-M 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm	Extension Bar 150 mm 870-4 Sliding T-Bar 870-8	1	1500
0871501802000	871-JMU	Reversible Ratchet 870-1D	Hexagon Sockets 871-M 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm	Extension Bar 150 mm 870-4 Sliding T-Bar 870-8	1	1500
0870500602000	870-JAU	Reversible Ratchet 870-1D	Hexagon Sockets 871-A 1/4, 5/16 AF Bi-Hexagon Sockets 870-A 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8 AF	Extension Bar 150 mm 870-4 Sliding T-Bar 870-8	1	1450

870-JSU/871-JSU

SOCKET SET 3/8"

- 20 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- operation tools according to DIN 3122, ISO 3315

10
3/8"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0870500702000	870-JSU	Reversible Ratchet 870-1D	Bi-Hexagon Sockets 870-M 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm	Extension Bar 75 mm 870-3 Extension Bar 150 mm 870-4 Sliding T-Bar 870-8 Universal Joint 870-9	1	1900
0871502002000	871-JSU	Reversible Ratchet 870-1D	Hexagon Sockets 871-M 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm	Extension Bar 75 mm 870-3 Extension Bar 150 mm 870-4 Sliding T-Bar 870-8 Universal Joint 870-9	1	1900

You will find the matching OMS-34/21 module on page no. ...

870-.../871-MU

SOCKET SET 3/8"

- MU=27 pcs., AU=22 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- operation tools according to DIN 3122, ISO 3315

10
3/8"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0870500102000	870-MU	Reversible Ratchet 870-1D	Bi-Hexagon Sockets 870-M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm Screwdriver Socket 870-11, IS 16x3,0 mm	Speed Brace 870-2 Extension Bar 75 mm 870-3 Extension Bar 150 mm 870-4 Extension Bar 300 mm 870-6 Flexible Handle 870-7 Sliding T-Bar 870-8 Universal Joint 870-9 Socket Converter 870-10, Male 1/4, Female 3/8	1	3900
0871502202000	871-MU	Reversible Ratchet 870-1D	Hexagon Sockets 871-M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm Screwdriver Socket 870-11, IS 16x3,0 mm	Speed Brace 870-2 Extension Bar 75 mm 870-3 Extension Bar 150 mm 870-4 Extension Bar 300 mm 870-6 Flexible Handle 870-7 Sliding T-Bar 870-8 Universal Joint 870-9 Socket Converter 870-10, Male 1/4, Female 3/8	1	3900
0870500202000	870-AU	Reversible Ratchet 870-1D	Hexagon Sockets 871-A 1/4, 5/16 AF Bi-Hexagon Sockets 870-A 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8 AF Screwdriver Socket 870-11, IS 16x3,0 mm	Speed Brace 870-2 Extension Bar 75 mm 870-3 Extension Bar 150 mm 870-4 Extension Bar 300 mm 870-6 Flexible Handle 870-7 Sliding T-Bar 870-8 Universal Joint 870-9 Socket Converter 870-10, Male 1/4, Female 3/8	1	3400

870-JCU

SOCKET SET 3/8"

- 43 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- operation tools according to DIN 3122, ISO 3315

10
3/8"
mm
AF"
WW
BA

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0870500302000	870-JCU	Reversible Ratchet 870-1D	Bi-Hexagon Sockets 870-M 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm Hexagon Sockets 871-A 1/4, 5/16 AF Bi-Hexagon Sockets 870-3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16 7/8 AF Hexagon Sockets 871-W 1/8 WW, 871-BA 0, 2, 4 BA Bi-Hexagon Sockets 870-W 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 WW Spark Plug Socket 871-TZ 20,8 / M14	Speed Brace 870-2 Extension Bar 75 mm 870-3 Extension Bar 200 mm 870-5 Sliding T-Bar 870-8 Universal Joint 870-9	1	4400

870-IN...

SOCKET SET 3/8"

- 8 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- operation tools according to DIN 3122, ISO 3315

10
3/8"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0870510002000	870-INMU	Reversible Ratchet 870-1D	Screwdriver Sockets for inside Hexagon screws 3510-IN 3, 4, 5, 6, 8, 10 mm	Extension Bar 125 mm 870-35	1	1170
0870610002000	870-INAU	Reversible Ratchet 870-1D	Screwdriver Sockets for inside Hexagon screws 3510-IN 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 AF	Extension Bar 125 mm 870-35	1	1150

870-TXU/TTXU

SOCKET SET 3/8"

- 12 pcs.
- suitable for inside TORX® screws resp. inside TORX® safety screws
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- operation tools according to DIN 3122, ISO 3315
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

10
3/8"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0870520102100	870-TXU	Reversible Ratchet 870-1D	Screwdriver Sockets for TORX®-screws 3244-TX 9, 10, 15, 20, 25, 27, 30, 40, 45, 50 mm	Extension Bar 125 mm 870-35	1	1400
0870521102000	870-TTXU	Reversible Ratchet 870-1D	Screwdriver Sockets for TORX®-screws 3244-TTX 9, 10, 15, 20, 25, 27, 30, 40, 45, 50 mm	Extension Bar 125 mm 870-35	1	1380

877-TXE

SOCKET SET 3/8"

- 13 pcs.
- suitable for outside TORX® screws
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174, with ball retaining groove
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

10
3/8"
12,5
1/2"

Code	Number	Sockets	Accessories	Pieces	Weight/g
0877500102000	877-TXE	Sockets 3/8" for outside TORX®-screws 870-TXE 5, 6, 7, 8, 10, 11, 12, 14 mm Sockets 1/2" for outside TORX®-screws 770-LTXE 16, 18, 20, 24 mm	Socket Converter 770-L13, Male 3/8, Female 1/2	1	1200

770-L1D

REVERSIBLE RATCHET 1/2"

- rugged ratchet with small, slim head
- forged gear wheel with male and female square
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770000902000	770-L1D	270	1	565
0770001082001	770-LE1DN	Repair Kit	1	135

770-L1F

REVERSIBLE RATCHET 1/2"

- rugged ratchet with small, slim head
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770000922000	770-L1F	270	1	550
0770001082100	770-LE1F	Repair Kit	1	120

770-L1K

REVERSIBLE RATCHET 1/2", FINE TOOTH

- with small, slim head
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 5°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770000802000	770-L1K	270	1	480
0770000852000	770-LE1K	Repair Kit	1	120

770-L1UN

REVERSIBLE RATCHET 1/2", FINE TOOTH

- with small, slim head
- forged, fine teethed wheel with grippy metal switching disk
- smallest possible swivel angle 5°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770001012900	770-L1UN	260	1	490
0770001132000	770-LE1UN	Repair Kit	1	115

770-L115U

REVERSIBLE RATCHET 1/2"

- extra long design with slim head
- forged gear wheel with male and female square
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770001022000	770-L115U	375	1	700
0770001082000	770-LE1D	Repair Kit	1	135

770-L115F

REVERSIBLE RATCHET 1/2"

- extra long design with slim head
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated

12,5

1/2"

- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

Code	Number	l/mm	Pieces	Weight/g
0770001022100	770-L115F	375	1	685
0770001082100	770-LE1F	Repair Kit	1	120

770-L1G

REVERSIBLE RATCHET WITH HINGE 1/2"

- 180° swivelling
- forged gear wheel with male and female square
- smallest possible swivel angle 11,25°
- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770001032000	770-L1G	305	1	660
0770001082000	770-LE1D	Repair Kit	1	135

770-L1GF

REVERSIBLE RATCHET WITH HINGE 1/2"

- 180° swivelling
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 11,25°
- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770001032100	770-L1GF	305	1	660
0770001082100	770-LE1F	Repair Kit	1	120

770-L115G

REVERSIBLE RATCHET WITH HINGE 1/2"

- extra long version
- 180° swivelling
- forged gear wheel with male and female square
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770001042000	770-L115G	430	1	815
0770001082000	770-LE1D	Repair Kit	1	135

770-L115GF

REVERSIBLE RATCHET WITH HINGE 1/2"

- extra long version
- 180° swivelling
- forged gear wheel with safety locking and quick release button
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770001042100	770-L115GF	430	1	815
0770001082100	770-LE1F	Repair Kit	1	120

770-L1ZI

PUSH THROUGH RATCHET 1/2"

- extremely rugged ratchet with round head
- forged gear wheel with push through square coupler
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

770-L1V

Code	Number	l/mm	Pieces	Weight/g
0770001062000	770-L1ZI	250	1	455
0770001072000	770-L1V	35	12	44
0770001092001	770-LE1ZI	Repair Kit	1	125

770-L1A

SLIP ON RATCHET 1/2", REVERSIBLE

- accessory for operation tools, for example torque wrenches
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	■	○	Pieces	Weight/g
0770001122000	770-L1A	67	1/2"	1/2"	1	310

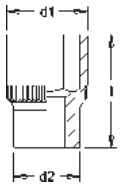
770-LM..., 770-LA..., 770-LW...

SOCKET 1/2", BI-HEXAGON

- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

12,5

1/2"



mm

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0770000082000	770-LM 8	40	12,0	23,0	6	56
0770000092000	770-LM 9	40	13,4	23,0	6	56
0770000102000	770-LM 10	40	15,1	23,0	6	56
0770000112000	770-LM 11	40	16,3	23,0	6	58
0770000122000	770-LM 12	40	17,7	23,0	6	58
0770000132000	770-LM 13	40	18,7	23,0	6	58
0770000142000	770-LM 14	40	20,2	23,0	6	60
0770000152000	770-LM 15	40	21,5	23,0	6	62
0770000162000	770-LM 16	40	22,7	23,0	6	66
0770000172000	770-LM 17	40	24,1	23,0	6	66
0770000182000	770-LM 18	40	25,3	23,0	6	66
0770000192000	770-LM 19	40	26,5	23,0	6	66
0770000202000	770-LM 20	40	27,8	23,0	6	72
0770000212000	770-LM 21	40	28,8	24,0	6	74
0770000222000	770-LM 22	40	30,2	23,7	6	86
0770000232000	770-LM 23	40	31,2	24,7	6	88
0770000242000	770-LM 24	40	32,6	24,4	6	96
0770000252000	770-LM 25	42	33,8	25,7	6	106
0770000262000	770-LM 26	42	35,2	24,9	6	108
0770000272000	770-LM 27	44	36,5	26,2	6	126
0770000282000	770-LM 28	44	37,5	27,2	6	140
0770000292000	770-LM 29	44	38,9	27,7	6	145
0770000302000	770-LM 30	44	40,1	28,0	6	150
0770000322000	770-LM 32	46	42,6	28,0	6	180
0770000332000	770-LM 33	46	43,9	28,0	6	180
0770000342000	770-LM 34	46	44,9	29,0	6	195

AF"

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0770100172000	770-LA 5/16	40	12,2	23,0	6	56
0770100182000	770-LA 11/32	40	12,8	23,0	6	56
0770100192000	770-LA 3/8	40	13,9	23,0	6	56
0770100202000	770-LA 13/32	40	15,0	23,0	6	56
0770100212000	770-LA 7/16	40	16,3	23,0	6	56
0770100232000	770-LA 1/2	40	18,4	23,0	6	60
0770100242000	770-LA 9/16	40	20,2	23,0	6	62
0770100252000	770-LA 19/32	40	21,5	23,0	6	62
0770100262000	770-LA 5/8	40	22,7	23,0	6	66
0770100262001	770-LA 21/32	40	24,0	23,0	6	66
0770100272000	770-LA 11/16	40	24,7	23,0	6	66
0770100282000	770-LA 3/4	40	26,5	23,0	6	66
0770100292000	770-LA 25/32	40	27,8	23,0	6	72
0770100302000	770-LA 13/16	40	28,4	23,6	6	76
0770100312000	770-LA 7/8	40	30,5	24,0	6	84
0770100322000	770-LA 15/16	42	32,4	23,4	6	92
0770100332000	770-LA 31/32	42	33,3	25,1	6	106
0770100342000	770-LA 1	42	34,3	25,3	6	112
0770100352000	770-LA 1.1/16	44	36,5	26,2	6	130
0770100362000	770-LA 1.1/8	44	38,4	27,2	6	150
0770100372000	770-LA 1.3/16	44	40,1	28,0	6	160
0770100382000	770-LA 1.1/4	46	42,6	28,0	6	170
0770100392000	770-LA 1.5/16	46	44,9	29,0	6	180

WW

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0770200062000	770-LW 1/8	40	12,8	23,0	6	56
0770200092000	770-LW 3/16	40	16,3	23,0	6	58
0770200132000	770-LW 1/4	40	19,4	23,0	6	60
0770200172000	770-LW 5/16	40	21,5	23,0	6	62
0770200192000	770-LW 3/8	40	25,3	23,0	6	64
0770200212000	770-LW 7/16	40	28,8	24,0	6	78
0770200232000	770-LW 1/2	40	31,7	25,2	6	90
0770200242000	770-LW 9/16	42	34,7	25,7	6	108
0770200262000	770-LW 5/8	44	37,5	27,2	6	140
0770200272000	770-LW 11/16	46	40,7	27,0	6	170
0770200282000	770-LW 3/4	46	43,9	28,0	6	180

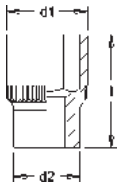
771-LM.../771-LA...

SOCKET 1/2", HEXAGON

- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1

12,5

1/2"



mm

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0771000052000	771-LM 5	40	8,2	23,0	6	56
0771000052001	771-LM 5,5	40	9,0	23,0	6	56
0771000062000	771-LM 6	40	9,4	23,0	6	56
0771000072000	771-LM 7	40	11,0	23,0	6	56
0771000082000	771-LM 8	40	12,0	23,0	6	56
0771000092000	771-LM 9	40	13,4	23,0	6	56
0771000102000	771-LM 10	40	15,1	23,0	6	56
0771000112000	771-LM 11	40	16,3	23,0	6	58
0771000122000	771-LM 12	40	17,7	23,0	6	58
0771000132000	771-LM 13	40	18,7	23,0	6	58
0771000142000	771-LM 14	40	20,2	23,0	6	60
0771000152000	771-LM 15	40	21,5	23,0	6	62
0771000162000	771-LM 16	40	22,7	23,0	6	66
0771000172000	771-LM 17	40	24,1	23,0	6	66
0771000182000	771-LM 18	40	25,3	23,0	6	66
0771000192000	771-LM 19	40	26,5	23,0	6	66
0771000202000	771-LM 20	40	27,8	23,0	6	72
0771000212000	771-LM 21	40	28,8	24,0	6	74
0771000222000	771-LM 22	40	30,2	23,7	6	86
0771000232000	771-LM 23	40	31,2	24,7	6	88
0771000242000	771-LM 24	40	32,6	24,8	6	96
0771000252000	771-LM 25	42	33,8	26,1	6	106
0771000262000	771-LM 26	42	35,2	24,9	6	108
0771000272000	771-LM 27	44	36,5	26,2	6	126
0771000282000	771-LM 28	44	37,5	27,2	6	140
0771000292000	771-LM 29	44	38,9	27,7	6	145
0771000302000	771-LM 30	44	40,1	28,0	6	150
0771000322000	771-LM 32	46	42,6	28,0	6	180
0771000332000	771-LM 33	46	43,9	28,0	6	180
0771000342000	771-LM 34	46	44,9	29,0	6	195
0771000362000	771-LM 36	55	49,0	32,0	6	275

AF"

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0771100132000	771-LA 1/4	40	10,0	23,0	6	56
0771100172000	771-LA 5/16	40	12,2	23,0	6	56
0771100192000	771-LA 3/8	40	13,9	23,0	6	56
0771100212000	771-LA 7/16	40	16,3	23,0	6	56
0771100232000	771-LA 1/2	40	18,7	23,0	6	60
0771100242000	771-LA 9/16	40	20,2	23,0	6	62
0771100252000	771-LA 19/32	40	21,5	23,0	6	62
0771100262000	771-LA 5/8	40	22,7	23,0	6	66
0771100272000	771-LA 11/16	40	24,7	23,0	6	66
0771100282000	771-LA 3/4	40	26,5	23,0	6	66
0771100292000	771-LA 25/32	40	27,8	23,0	6	72
0771100302000	771-LA 13/16	40	28,4	23,6	6	76
0771100312000	771-LA 7/8	40	30,5	24,0	6	84
0771100322000	771-LA 15/16	42	32,4	24,6	6	92
0771100332000	771-LA 31/32	42	33,3	25,5	6	106
0771100342000	771-LA 1	42	34,3	26,1	6	112
0771100352000	771-LA 1.1/16	44	36,5	26,2	6	130
0771100362000	771-LA 1.1/8	44	38,4	27,2	6	150
0771100372000	771-LA 1.3/16	44	40,1	28,0	6	160
0771100382000	771-LA 1.1/4	46	42,6	28,0	6	170

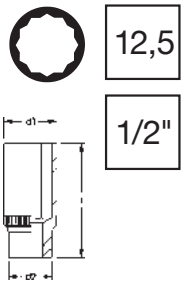
You will find the matching socket rails on page no. 154

You will find the matching 1/2" plastic holder and additional accessories on page no. 155

770-LT..., 770-LTA...

SOCKET 1/2", EXTRA DEEP, BI-HEXAGON

- especially suitable for deep-set female screws on long threaded bolts
- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1



mm

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0770031002000	770-LT 10	80	15,1	23,0	6	104
0770031102000	770-LT 11	80	16,3	23,0	6	106
0770031202000	770-LT 12	80	17,7	23,0	6	108
0770031302000	770-LT 13	80	18,9	23,0	6	122
0770031402000	770-LT 14	80	20,2	23,0	6	130
0770031502000	770-LT 15	80	21,5	23,5	6	130
0770031602000	770-LT 16 / 5/8	80	22,7	24,0	6	130
0770031702000	770-LT 17	80	24,0	23,0	6	135
0770031802000	770-LT 18	80	25,5	23,0	6	155
0770031902000	770-LT 19 / 3/4	80	26,6	23,0	6	155
0770032102000	770-LT 21	80	29,1	23,5	6	185
0770032202000	770-LT 22	80	30,4	24,0	6	190
0770032402000	770-LT 24	80	32,9	24,3	6	220
0770032702000	770-LT 27 / 1.1/16	80	36,0	26,3	6	235
0770033002000	770-LT 30	80	40,5	28,0	6	275
0770033202000	770-LT 32	80	43,0	29,0	6	325
0770033402000	770-LT 34	80	46,0	29,0	6	350

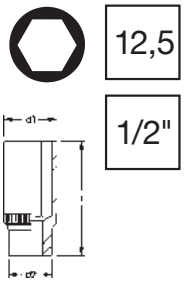
AF"

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0770132302000	770-LTA 1/2	80	18,9	23,0	6	130
0770132402000	770-LTA 9/16	80	20,2	23,0	6	130
0770031602000	770-LT 16 / 5/8	80	22,7	24,0	6	130
0770132702000	770-LTA 11/16	80	24,4	23,0	6	140
0770031902000	770-LT 19 / 3/4	80	26,6	23,0	6	155
0770133002000	770-LTA 13/16	80	29,1	23,5	6	185
0770133202000	770-LTA 15/16	80	32,9	24,3	6	220
0770133402000	770-LTA 1	80	34,4	25,0	6	235
0770032702000	770-LT 27 / 1.1/16	80	36,0	26,3	6	235

771-LT..., 771-LTA...

SOCKET 1/2", EXTRA DEEP, HEXAGON

- especially suitable for deep-set female screws on long threaded bolts
- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- according to DIN 3124, ISO 2725-1



mm

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0771031001000	771-LT 10	80	15,1	23,0	6	104
0771031101000	771-LT 11	80	16,3	23,0	6	106
0771031201000	771-LT 12	80	17,7	23,0	6	108
0771031301000	771-LT 13	80	18,9	23,0	6	122
0771031401000	771-LT 14	80	20,2	23,0	6	130
0771031501000	771-LT 15	80	21,5	23,5	6	130
0771031601000	771-LT 16	80	22,7	24,0	6	130
0771031701000	771-LT 17	80	24,0	23,0	6	135
0771031801000	771-LT 18	80	25,5	23,0	6	155
0771031901000	771-LT 19	80	26,6	23,0	6	155
0771032101000	771-LT 21	80	29,1	23,5	6	185
0771032201000	771-LT 22	80	30,4	24,0	6	190
0771033802000	771-LT 38 / 1.1/2	80	51,5	27,5	6	375

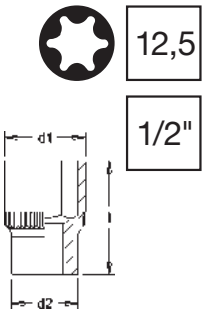
AF"

Code	Number	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0771133001000	771-LTA13/16	80	29,1	23,5	6	185
0771132701000	771-LTA11/16	80	24,4	23,0	6	155
0771033802000	771-LT 38 / 1.1/2	80	51,5	27,5	6	375

770-LTXE...

SOCKET 1/2"

- for outside TORX® screws
- hot forged
- chrome-plated, polished
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	Number	mm	l/mm	d1 mm	d2 mm	Pieces	Weight/g
0770036102000	770-LTXE 10	9,42	36	15,0	23,0	6	50
0770036112000	770-LTXE 11	10,08	36	15,0	23,0	6	53
0770036122000	770-LTXE 12	11,17	36	17,0	22,0	6	56
0770036142000	770-LTXE 14	12,90	36	19,0	22,0	6	59
0770036162000	770-LTXE 16	14,76	36	21,0	22,0	6	60
0770036182000	770-LTXE 18	16,70	38	21,0	25,0	6	78
0770036202000	770-LTXE 20	18,45	38	24,0	25,0	6	86
0770036242000	770-LTXE 24	22,16	38	28,0	25,0	6	104

You will find the matching spark plug sockets on page no. 433

770-L16-17-18

SCREWDRIVER SOCKET 1/2"

- for plain slotted screws
- chrome-plated, polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174
- with ball retaining groove

12,5

1/2"

Code	Number	Blade Size mm	l/mm	Pieces	Weight/g
0770016002000	770-L16	24 x 4,0	43	6	86
0770017002000	770-L17	19 x 3,0	43	6	62
0770018002000	770-L18	13 x 2,0	43	6	60

3200-IS...

SCREWDRIVER SOCKET 1/2"

- for plain slotted screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN ISO 2380-1 Form B

12,5

1/2"

Code	Number	l/mm	l1 mm	d mm	Pieces	Weight/g
3200012082000	3200-IS 1,2x8	62	23,0	23,0	6	80
3200016082000	3200-IS 1,6x8	62	23,0	23,0	6	80
3200016102000	3200-IS 1,6x10	62	23,0	23,0	6	90
3200020122000	3200-IS 2,0x12	62	23,0	23,0	6	120
3200025142000	3200-IS 2,5x14	62	23,0	23,0	6	125

3220-PH...

SCREWDRIVER SOCKET 1/2"

- for cross slotted screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN ISO 8764-1 PH

12,5

1/2"

Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3220000022000	3220-PH2	3,1-5,2	56	17,0	23,0	6	75
3220000032000	3220-PH3	5,3-7,2	56	17,0	23,0	6	75
3220000042000	3220-PH4	7,3-12,7	56	17,0	23,0	6	80

3225-PZ...

SCREWDRIVER SOCKET 1/2"

- for cross slotted screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN ISO 8764-1 PZ

12,5

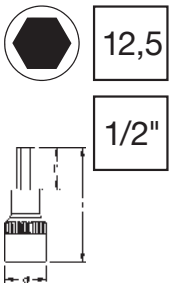
1/2"

Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3225000022000	3225-PZ2	5-10	56	17,0	23,0	6	70
3225000032000	3225-PZ3	12-16	56	17,0	23,0	6	75
3225000042000	3225-PZ 4	18 ->	56	17,0	23,0	6	80

3210-IN..., 3210-INA...

SCREWDRIVER SOCKET 1/2"

- for inside hexagon screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422



mm

Code	Number		l/mm	l1 mm	d mm	Pieces	Weight/g
3210000042000	3210-IN 4	M5	60	22,0	23,0	6	65
3210000052000	3210-IN 5	M6	60	22,0	23,0	6	70
3210000062000	3210-IN 6	M8	60	22,0	23,0	6	75
3210000072000	3210-IN 7		60	22,0	23,0	6	85
3210000082000	3210-IN 8	M10	60	22,0	23,0	6	80
3210000092000	3210-IN 9		60	22,0	23,0	6	90
3210000102000	3210-IN 10	M12	60	22,0	23,0	6	90
3210000122000	3210-IN 12	M14	60	22,0	23,0	6	115
3210000142000	3210-IN 14	M16	60	22,0	23,0	6	120
3210000172000	3210-IN 17	M20	60	20,0	24,0	6	160
3210000192000	3210-IN 19	M24	60	20,0	24,0	6	205
3210000222000	3210-IN 22	M30	60	20,0	24,0	6	227

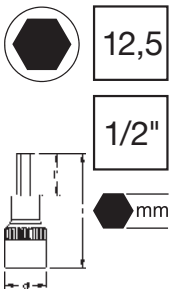
AF"

Code	Number	l/mm	l1 mm	d mm	Pieces	Weight/g
3210100092000	3210-IN 3/16	52	14,0	23,0	6	75
3210100112000	3210-IN 7/32	52	14,0	23,0	6	75
3210100132000	3210-IN 1/4	52	14,0	23,0	6	75
3210100172000	3210-IN 5/16	52	14,0	23,0	6	75
3210100192000	3210-IN 3/8	52	14,0	23,0	6	96
3210100212000	3210-IN 7/16	52	14,0	23,0	6	105
3210100232000	3210-IN 1/2	52	14,0	23,0	6	110
3210100242000	3210-IN 9/16	60	20,0	24,0	6	140
3210100262000	3210-IN 5/8	60	20,0	24,0	6	160
3210100282000	3210-IN 3/4	60	20,0	24,0	6	205

3210-INL...

SCREWDRIVER SOCKET 1/2", LONG

- for inside hexagon screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422

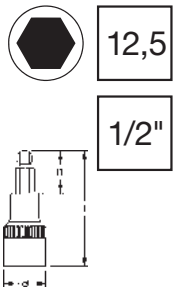


Code	Number		l/mm	l1 mm	d mm	Pieces	Weight/g
3210010052100	3210-INL 5x100	M6	100	62,0	23,0	6	90
3210010052180	3210-INL 5x180	M6	180	142,0	23,0	6	110
3210010062070	3210-INL 6x70	M8	70	32,0	23,0	6	90
3210010062100	3210-INL 6x100	M8	100	62,0	23,0	6	100
3210010062137	3210-INL 6x137	M8	137	99,0	23,0	6	120
3210010062160	3210-INL 6x160	M8	160	122,0	23,0	6	135
3210010062220	3210-INL 6x220	M8	220	182,0	23,0	6	145
3210010072100	3210-INL 7x100	-	100	62,0	23,0	6	90
3210010082083	3210-INL 8x83	M10	83	45,0	23,0	6	90
3210010082100	3210-INL 8x100	M10	100	62,0	23,0	6	100
3210010082120	3210-INL 8x120	M10	120	82,0	23,0	6	120
3210010102140	3210-INL 10x140	M12	140	102,0	23,0	6	140
3210010122140	3210-INL 12x140	M14	140	102,0	23,0	6	180
3210010142140	3210-INL 14x140	M16	140	102,0	23,0	6	240
3210010172100	3210-INL 17x100	M20	100	60,0	24,0	6	230
3210010192100	3210-INL 19x100	M24	100	60,0	24,0	6	295

3210-KUL...

SCREWDRIVER SOCKET 1/2" WITH BALL END, LONG

- for inside hexagon screws
- maximum swivel angle 15°
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish



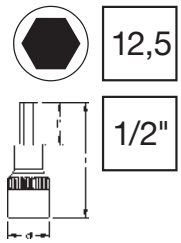
mm

Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3210020052140	3210-KUL 5	M6	140	102,0	23,0	6	110
3210020062140	3210-KUL 6	M8	140	102,0	23,0	6	120
3210020072140	3210-KUL 7		140	102,0	23,0	6	130
3210020082140	3210-KUL 8	M10	140	102,0	23,0	6	130
3210020102140	3210-KUL 10	M12	140	102,0	23,0	6	140
3210020122140	3210-KUL 12	M14	140	102,0	23,0	6	180

3210-INZ...

SCREWDRIVER SOCKET 1/2", LONG

- for inside hexagon screws with bore hole
- with pin for RIBE-IC-screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- RIBE® = reg. trademark of Richard Bergner GmbH & Co KG, Schwabach

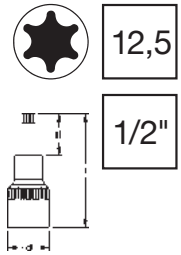


Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3210050052000	3210-INZ 5	M6	60	22,0	23,0	6	65
3210050062000	3210-INZ 6	M8	60	22,0	23,0	6	75
3210050082000	3210-INZ 8	M10	60	22,0	23,0	6	80
3210050102000	3210-INZ 10	M12	60	22,0	23,0	6	90
3210050122000	3210-INZ 12	M14	60	22,0	23,0	6	115
3210050142000	3210-INZ 14	M16	60	22,0	23,0	6	120

3245-TX...

SCREWDRIVER SOCKET 1/2"

- for inside TORX® screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

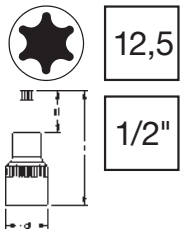


Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3245000201000	3245-TX 20	3,86	55	17,0	23,0	6	67
3245000251000	3245-TX 25	4,43	55	17,0	23,0	6	68
3245000271000	3245-TX 27	4,99	55	17,0	23,0	6	68
3245000301000	3245-TX 30	5,52	55	17,0	23,0	6	68
3245000401000	3245-TX 40	6,65	55	17,0	23,0	6	69
3245000451000	3245-TX 45	7,82	55	17,0	23,0	6	70
3245000501000	3245-TX 50	8,83	55	17,0	23,0	6	73
3245000551000	3245-TX 55	11,22	56	17,0	23,0	6	112
3245000601000	3245-TX 60	13,25	56	17,0	23,0	6	117

3245-TXL...

SCREWDRIVER SOCKET 1/2", LONG

- for inside TORX® screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

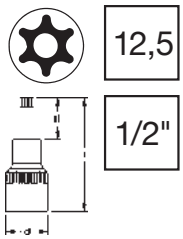


Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3245010201100	3245-TXL 20	3,86	100	62,0	23,0	6	67
3245010251100	3245-TXL 25	4,43	100	62,0	23,0	6	68
3245010271100	3245-TXL 27	4,99	100	62,0	23,0	6	68
3245010301100	3245-TXL 30	5,52	100	62,0	23,0	6	68
3245010401100	3245-TXL 40	6,65	100	62,0	23,0	6	69
3245010451100	3245-TXL 45	7,82	100	62,0	23,0	6	70
3245010451140	3245-TXL 45x140	7,82	140	102,0	23,0	6	145
3245010501100	3245-TXL 50	8,83	100	62,0	23,0	6	73
3245010501000	3245-TXL 50x140	8,83	140	102,0	23,0	6	150
3245010551100	3245-TXL 55	11,22	100	62,0	23,0	6	112
3245010551000	3245-TXL 55x140	11,22	140	102,0	23,0	6	160
3245010601100	3245-TXL 60	13,25	100	62,0	23,0	6	117
3245010701140	3245-TXL 70x140	15,5	140	102,0	23,0	6	175

3245-TTX...

SCREWDRIVER SOCKET 1/2"

- for Inside-TORX® safety screws
- with bore hole in tip
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

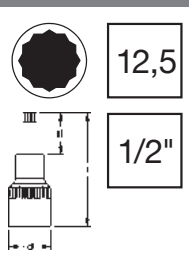


Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3245020201000	3245-TTX 20	3,86	55	17,0	23,0	6	67
3245020251000	3245-TTX 25	4,43	55	17,0	23,0	6	68
3245020271000	3245-TTX 27	4,99	55	17,0	23,0	6	68
3245020301000	3245-TTX 30	5,52	55	17,0	23,0	6	68
3245020401000	3245-TTX 40	6,65	55	17,0	23,0	6	69
3245020451000	3245-TTX 45	7,82	55	17,0	23,0	6	70
3245020501000	3245-TTX 50	8,83	55	17,0	23,0	6	73
3245020551000	3245-TTX 55	11,22	56	17,0	23,0	6	112
3245020601000	3245-TTX 60	13,25	56	17,0	23,0	6	117

3230-XZN...

SCREWDRIVER SOCKET 1/2"

- for inside multi-point B & S and XZN screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN 2325
- according to DIN 2324

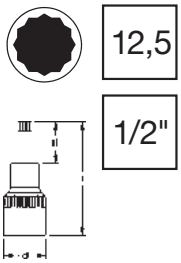


Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3230000052000	3230-XZN 5	M5	52	14,0	23,0	6	75
3230000062000	3230-XZN 6	M6	52	14,0	23,0	6	75
3230000082000	3230-XZN 8	M8	53	15,0	23,0	6	80
3230000102000	3230-XZN 10	M10	53	15,0	23,0	6	85
3230000122000	3230-XZN 12	M12	55	17,0	23,0	6	115
3230000142000	3230-XZN 14	M14	58	20,0	23,0	6	120
3230000162000	3230-XZN 16	M16	60	20,0	24,0	6	152

3230-XZNL...

SCREWDRIVER SOCKET 1/2", EXTRA LONG

- for inside multi-point B & S and XZN screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- blade according to DIN 2325
- according to DIN 2324

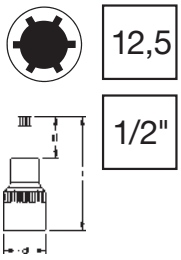


Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3230010062100	3230-XZNL 6x100	M6	100	62,0	23,0	6	95
3230010082080	3230-XZNL 8x80	M8	80	42,0	23,0	6	85
3230010082100	3230-XZNL 8x100	M8	100	62,0	23,0	6	95
3230010082120	3230-XZNL 8x120	M8	120	82,0	23,0	6	100
3230010102100	3230-XZNL 10x100	M10	100	62,0	23,0	6	115
3230010102120	3230-XZNL 10x120	M10	120	82,0	23,0	6	135
3230010102140	3230-XZNL 10x140	M10	140	102,0	23,0	6	140
3230010122100	3230-XZNL 12x100	M12	100	62,0	23,0	6	160
3230010122140	3230-XZNL 12x140	M12	140	102,0	23,0	6	165
3230010142100	3230-XZNL 14x100	M14	100	62,0	23,0	6	165

3240-RIB...

SCREWDRIVER SOCKET 1/2"

- for RIBE®-CV-screws
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- RIBE® = reg. trademark of Richard Bergner GmbH & Co KG, Schwabach



Code	Number	mm	l/mm	l1 mm	d mm	Pieces	Weight/g
3240000082000	3240-RIB 8	M8	63	25,0	23,0	6	80
3240000122000	3240-RIB 12	M12	63	25,0	23,0	6	120
3240000142000	3240-RIB 14	M14	63	25,0	23,0	6	135
3240000162000	3240-RIB 16	M16	63	23,0	24,0	6	130

770-KL/770-MKL

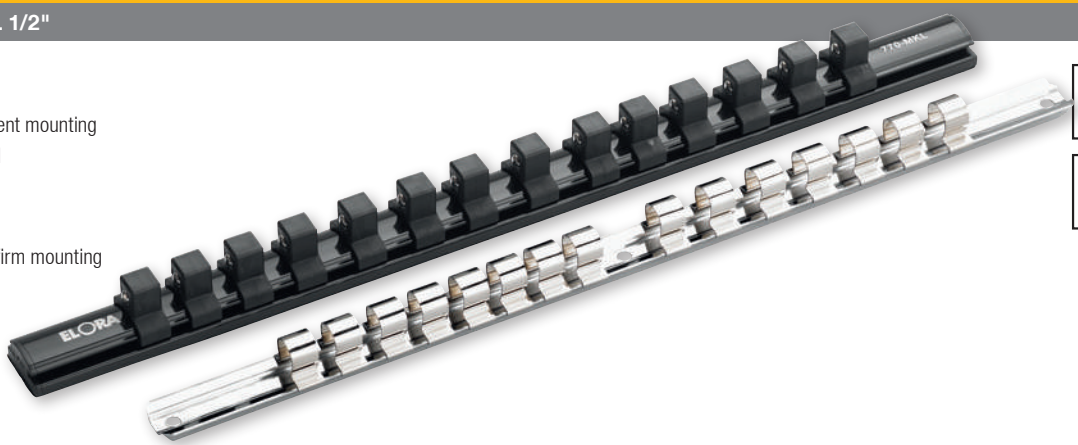
SOCKET RAIL 1/2"

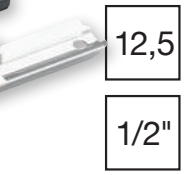
770-KL:

- 15 shiftable socket clips
- two holes allow permanent mounting
- chrome-plated, polished

770-MKL:

- 14 shiftable socket clips
- strong magnet enables firm mounting
- black coated





Code	Number	l/mm	Pieces	Weight/g
0000912146000	770-KL	414	6	80
0000912146001	770-MKL	420	6	269

770-L SB

PLASTIC HOLDER 1/2"

- appropriate for sockets nominal size 12,5 (1/2'') and operation tools with female square

12,5

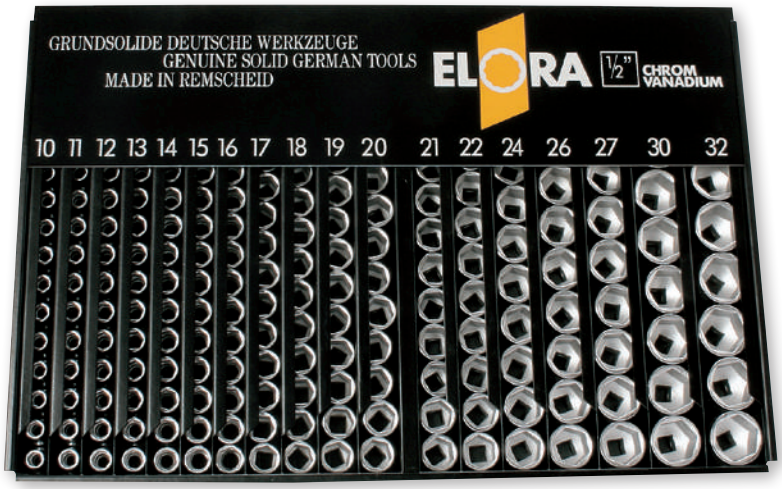
1/2"

Code	Number	Pieces	Weight/g
0000700127000	770-SB	1	10

770/771-LSP1...

SOCKET DISPLAY DISPENSER

- heavy gauge sheet steel, black lacquered
- sockets: knurled, chrome-plated, polished, with ball retaining groove
- sockets: Chrome-Vanadium 31CrV3 / 1.2208
- sockets: 1/2" square drive according to DIN 3120/ ISO 1174, for manual drive, sizes according to DIN 3124/ ISO 2725



12,5

1/2"

mm

AF"

Code	Number	Width mm	Depth mm	Height mm	Contents	Pieces	Weight/g
0770510002000	770-LSP1M	605	380	55	Bi-Hexagon Sockets 770-LM 16 pcs. each 10, 11, 12, 13, 14, 15, 16 mm 15 pcs. 17 mm 14 pcs. each 18, 19 mm 13 pcs. 20 mm 12 pcs. each 21, 22 mm 11 pcs. 24 mm 10 pcs. each 26, 27 mm 9 pcs. 30 mm 8 pcs. 32 mm	1	26000
0771510002000	771-LSP1M	605	380	55	Hexagon Sockets 771-LM 16 pcs. each 10, 11, 12, 13, 14, 15, 16 mm 15 pcs. 17 mm 14 pcs. each 18, 19 mm 13 pcs. 20 mm 12 pcs. each 21, 22 mm 11 pcs. 24 mm 10 pcs. each 26, 27 mm 9 pcs. 30 mm 8 pcs. 32 mm	1	26000
0770610002000	770-LSP1A	605	380	55	Bi-Hexagon Sockets 770-LA 16 pcs. each 3/8, 7/16 AF 32 pcs. each 1/2, 9/16 AF 16 pcs. each 19/32, 5/8 AF 15 pcs. 11/16 AF 14 pcs. 3/4 AF 13 pcs. each 25/32, 13/16 AF 12 pcs. 7/8 AF 11 pcs. 15/16 AF 10 pcs. each 1, 1.1/16 AF 9 pcs. 1.1/8 AF 8 pcs. 1.1/4 AF	1	26000

770/771-LSP2...

SOCKET DISPLAY DISPENSER

- heavy gauge sheet steel, black lacquered
- sockets: knurled, chrome-plated, polished, with ball retaining groove
- sockets: Chrome-Vanadium 31 CrV 3, Code-No. 1.2208
- sockets: 1/2" square drive according to DIN 3120/ ISO 1174, for manual drive, sizes according to DIN 3124/ ISO 2725

12,5
1/2"
mm
AF"

Code	Number	Width mm	Depth mm	Height mm	Contents	Pieces	Weight/g
0770510012000	770-LSP2M	410	135	55	Bi-Hexagon Sockets 770-LM 10 pcs. each 10, 11, 12, 13, 14 mm 9 pcs. 17 mm 8 pcs. 19 mm 7 pcs. each 22, 24 mm 6 pcs. 27 mm 5 pcs. each 30, 32 mm	1	10000
0771510012000	771-LSP2M	410	135	55	Hexagon Sockets 771-LM 10 pcs. each 10, 11, 12, 13, 14 mm 9 pcs. 17 mm 8 pcs. 19 mm 7 pcs. each 22, 24 mm 6 pcs. 27 mm 5 pcs. each 30, 32 mm	1	10000
0770610012000	770-LSP2A	410	135	55	Bi-Hexagon Sockets 770-LA 10 pcs. each 3/8, 7/16, 1/2, 9/16, 5/8 AF 9 pcs. 11/16 AF 8 pcs. 3/4 AF 7 pcs. each 7/8, 15/16 AF 6 pcs. each 1, 1.1/16, 1.1/8 AF	1	10000
0770510112000	770-LSP2L	410	135	55	Socket Display Dispenser, empty	1	2270

770/771-KS1M

ELORA-BIG SPENDER

- for sockets 3/8 and 1/2 square drive
- BIG SPENDER 770-KS: with 30 dividers
- pin-up top tray 770-AS: with 16 dividers
- powder coated
- sockets: Chrome-Vanadium 31CrV3 / 1.2208
- sockets: 1/2" square drive according to DIN 3120/ ISO 1174, for manual drive, sizes according to DIN 3124/ ISO 2725

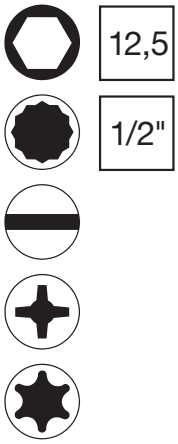
12,5
1/2"
mm
AF"

Code	Number	Width mm	Depth mm	Height mm	Contents	Pieces	Weight/g
0770510312000	770-KS1M	470	320	234	Bi-Hexagon Sockets 770-LM 6 pcs. each 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 32 mm 6 pcs. 770-L11 Socket Converter male 3/4 female 1/2 6 pcs. 770-L13 Socket Converter male 3/8 female 1/2	1	22000
0771510312000	771-KS1M	470	320	234	Hexagon Sockets 771-LM 6 pcs. each 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 32 mm 6 pcs. 770-L11 Socket Converter male 3/4 female 1/2 6 pcs. 770-L13 Socket Converter male 3/8 female 1/2	1	20500
0770510306000	770-KS	470	320	234	BIG SPENDER, empty	1	8500

770-KS.../AS...

ELORA-BIG SPENDER

- BIG SPENDER: with 2 trays and 30 zinc plated tray dividers
- black powder coated
- pin-up tray: with 16 zinc plated tray dividers
- black powder coated
- sockets: knurled, chrome-plated, polished, with ball retaining groove
- sockets: Chrome-Vanadium 31CrV3 / 1.2208
- sockets: 1/2" square drive according to DIN 3120/ ISO 1174, for manual drive, sizes according to DIN 3124/ ISO 2725



Code	Number	Width mm	Depth mm	Height mm	Contents	Pieces	Weight/g
0770510322000	770-KS2M	474	320	270	je 6 Pieces Innensechskant-Schraubendreher-Sockets 3210-IN 4, 5, 6, 7, 8, 9, 10, 12, 14, 17, 19 mm TORX®-Schraubendreher-Sockets 3245-TX 20, 25, 27, 30, 40, 45, 50, 55, 60 mm XZN-B&S Schraubendreher-Sockets 3230-XZN 5, 6, 8, 10, 12, 14 mm Phillips-Schraubendreher-Einsatz 3220-PH3 Schlitzschraubendreher-Sockets 3200-lS 1,6x10 mm	1	24000
0770510422000	770-AS2M	474	320	270	je 6 Pieces Innensechskant-Schraubendreher-Sockets 3210-INL 5x100, 6x70, 6x100, 7x100, 8x83, 8x100, 10x140 mm TORX®-Schraubendreher-Sockets 3245-TXL 50, 55 mm XZN-B&S Schraubendreher-Sockets 3230-XZNL 6x100, 8x100, 10x100, 12x100, 14x100 mm	1	10300
0770510406000	770-AS	474	320	270	BIG SPENDER, empty	1	2000

You will find the matching 1/2" socket converter on page no. 159

770-L9/770-L10...

FLEXIBLE HANDLE 1/2"

- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770009002000	770-L9	250	3	450
0770010002000	770-L10A	390	3	635
0770010012000	770-L10B	450	3	770

770-L3

SLIDING T-BAR 1/2"

- chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770003002000	770-L3	300	4	445

770-L8

OFFSET HANDLE 1/2"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770008002000	770-L8	190	6	220

770-L2

SPEED BRACE 1/2"

- plastic handle
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device
- according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770002002000	770-L2	380	6	615

770-L35-L6
EXTENSION BAR 1/2"

- chrome-plated, head polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. hole
- according to DIN 3123, ISO 3316

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770003502000	770-L35	50	6	90
0770004002000	770-L4	75	6	125
0770005002000	770-L5	125	6	190
0770006002000	770-L6	250	6	325

770-L...V
EXTENSION BAR 1/2", SWIVELLING

- with special square for a swivle angle of 12,5° to each side
- especially suitable for screw connections within confined spaces
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball locking device resp. hole

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770004002100	770-L4V	75	6	125
0770005002100	770-L5V	125	6	190
0770005502100	770-L55V	150	6	220
0770006002100	770-L6V	250	6	330

770-L7
UNIVERSAL JOINT 1/2"

- chrome-plated, polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with ball retaining groove resp. with ball locking device
- according to DIN 3123, ISO 3316

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0770007002000	770-L7	75	6	145

770-L..., 770-S9
SOCKET CONVERTER

- chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174,
- according to DIN 3123, ISO 3316

12,5

1/2"

Code	Number	■	□	l/mm	Pieces	Weight/g
0770011002000	770-L11	3/4"	1/2"	45	6	130
0770020902000	770-S9	1/2"	3/4"	57	6	185
0770013002000	770-L13	3/8"	1/2"	40	6	65
0770014002000	770-L14	1/2"	3/8"	36	6	60

124
DOUBLE END SWIVEL SQUARE DRIVE SOCKET WRENCH 1/2"

- especially suitable for serial production
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-A 12,5, ISO 1174, with ball locking device

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0124123231000	124	295	3	460

You will find the matching radiator drain socket on page no. 429

You will find the matching drain plug wrench on page no. 429

714-6MU

SOCKET SET 1/4" AND 1/2", COMBINED

- 25 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

6,3
1/4"
12,5
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0714562502000	714-6MU	1/4": Reversible Ratchet 1450-1D 1/2": Reversible Ratchet 770-L1D	Hexagon Sockets 1/4": 1455-M 5,5, 6, 7, 8, 9, 10, 11, 12, 13 mm 1/2": 771-LM 10, 13, 15, 17, 19, 22, 24, 27 mm	1/4": Spinner Handle 1450-3 Extension Bar 100 mm 1450-5 Universal Joint 1450-8 1/2": Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	3760

714-6MU OMS

SOCKET SET 1/4" AND 1/2", COMBINED

- 46 pcs.
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

6,3
1/4"
12,5
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0714562502046	714-6MU OMS	1/4": Reversible Ratchet 1450-1D 1/2": Reversible Ratchet 770-L1D	Sockets 1/4" 1455-M 5,5, 6, 7, 8, 9, 10, 11, 12, 13 mm 1455-TXE 4, 5, 6, 7, 8, 10, 11 Hexagon Sockets 1/2" 771-LM 10, 13, 15, 17, 19, 22, 24, 27 mm Screwdriver Sockets 1/4" 3243-TX 8, 9, 10, 15, 20, 25, 27, 30, 40 1455-IN 3, 4, 5, 6, 8 mm	1/4": Spinner Handle 1450-3 Extension Bar 100 mm 1450-5 Universal Joint 1450-8 1/2": Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	3560

770-LK.../771-LK...

SOCKET SET 1/2"

- MU=15 pcs., AU=14 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770540402000	770-LKMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 22 mm	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	4000
0771530302000	771-LKMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 22 mm	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	4000
0770540402900	770-LKMK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 22 mm	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	3900
0771530302900	771-LKMK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 22 mm	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	3900
0770540412000	770-LKAU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	3900
0771530342000	771-LKAU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	3900
0770540412900	770-LKAK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	3800
0771530342900	771-LKAK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 AF	Sliding T-Bar 770-L3 Extension Bar 250 mm 770-L6	1	3800

770-LIND.../771-LIND...

SOCKET SET 1/2"

- 19 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770530302100	770-LINDMF	Reversible Ratchet with safety locking 770-L1F	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0771520252000	771-LINDMF	Reversible Ratchet with safety locking 770-L1F	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0770530302000	770-LINDMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0771520202000	771-LINDMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0770530302900	770-LINDMK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4200
0771520262000	771-LINDMK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4200
0770530322100	770-LINDAF	Reversible Ratchet with safety locking 770-L1F	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0771520272000	771-LINDAF	Reversible Ratchet with safety locking 770-L1F	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0770530322000	770-LINDAU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0771520222000	771-LINDAU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4300
0770530322900	770-LINDAK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4200
0771520222900	771-LINDAK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1.1/16, 1.1/8, 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4200

770-OK.../771-OK...

SOCKET SET 1/2"

- MU=25 pcs., AU=23 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770530122000	770-OKLMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5200
0771520122000	771-OKLMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5200
0770530122900	770-OKLMK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5100
0771520122900	771-OKLMK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5100
0770530222000	770-OKLAU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5100
0771520322000	771-OKLAU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5100
0770530222900	770-OKLAK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5000
0771520322900	771-OKLAK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16 1.1/4 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5000

770-LM.../771-LM...

SOCKET SET 1/2"

- MU=26 pcs., AU=24 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770530142000	770-LMF	Reversible Ratchet with safety locking 770-L1F	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5800
0771520152000	771-LMF	Reversible Ratchet with safety locking 770-L1F	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5800
0770530102000	770-LMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5800
0771520102000	771-LMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5800
0770530102900	770-LMK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5700
0771520102900	771-LMK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5700
0770530242000	770-LAF	Reversible Ratchet with safety locking 770-L1F	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5700
0771520342000	771-LAF	Reversible Ratchet with safety locking 770-L1F	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5700
0770530202000	770-LAU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5700
0771520302000	771-LAU	Reversible Ratchet 770-L1D	Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5700
0770530202900	770-LAK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5600
0771520302900	771-LAK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5600

770-OKLAMU/771-OKLAMU

SOCKET SET 1/2"

- 27 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770530422000	770-OKLAMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm 770-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 7/8, 15/16, 1 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4800
0771520422000	771-OKLAMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm 771-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 7/8, 15/16, 1 AF	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4800

770-LAMU/771-LAMU

SOCKET SET 1/2"

- 28 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770530402000	770-LAMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm 770-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 7/8, 15/16, 1 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5400
0771520402000	771-LAMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm 771-LA 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 7/8, 15/16, 1 AF	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5400

770-LSSMF/771-LSSMF

SOCKET SET 1/2"

- 57 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770530702100	770-LSSMF	Reversible Ratchet with safety locking 770-L1F	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32 mm 770-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF 770-LW 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 WW Spark Plug Sockets 771-LTZ 16 (5/8"AF), 771-LTZ 20,8 (13/16"AF) Screwdriver Socket 770-L17 (19x3,0 mm)	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 75 mm 770-L4 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7 Offset Handle 770-L8 Flexible Handle 770-L10A Socket Converter, Male 3/8, Female 1/2 770-L13	1	13600
0771530702100	771-LSSMF	Reversible Ratchet with safety locking 770-L1F	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32 mm 771-LA 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4 AF Bi-Hexagon Sockets 770-LW 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 WW Spark Plug Sockets 771-LTZ 16 (5/8"AF), 771-LTZ 20,8 (13/16"AF) Screwdriver Socket 770-L17 (19x3,0 mm)	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 75 mm 770-L4 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7 Offset Handle 770-L8 Flexible Handle 770-L10A Socket Converter, Male 3/8, Female 1/2 770-L13	1	13600

770-LTI...

SOCKET SET 1/2"

- 18 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770514002000	770-LTIU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 13, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5600
0770514002900	770-LTIK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 13, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5600

124-S...

DOUBLE END SWIVEL SOCKET WRENCH SET 1/2"

- 13 pcs.
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm

Code	Number	Contents	Accessories	Pieces	Weight/g
0124500601000	124-S6	Hexagon Sockets 771-LM 10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24 mm Double End Swivel Socket Wrench Square Drive 124	Extension Bar 125 mm 770-L5	1	2100
0124501201000	124-S12	Bi-Hexagon Sockets 770-LM 10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24 mm Double End Swivel Socket Wrench Square Drive 124	Extension Bar 125 mm 770-L5	1	2100

770-LTU/LTK

SOCKET SET 1/2"

- 29 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770515002000	770-LTU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm 770-LT 10, 11, 12, 13, 14, 15, 17, 19, 22 mm, extra deep	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5900
0770515002900	770-LTK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm 770-LT 10, 11, 12, 13, 14, 15, 17, 19, 22 mm, extra deep	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5800

770-IN...

SOCKET SET 1/2"

- INM=9 pcs., INA=7 pcs., INMTIN=9 pcs. titan-coated
- for inside hexagon screws
- in black metal storage case with plastic insert
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422

12,5
1/2"
mm
AF"

Code	Number	Contents	Pieces	Weight/g
0770550202500	770-INMTIN	Inside-Hexagon Screwdriver Sockets titan coated: IN 4, 5, 6, 8, 10, 12, 14, 17, 19 mm	1	1400
0770550202000	770-INM	Inside-Hexagon Screwdriver Sockets: IN 4, 5, 6, 8, 10, 12, 14, 17, 19 mm	1	1400
0770550252000	770-INA	Inside-Hexagon Screwdriver Sockets: IN 3/16, 1/4, 5/16, 3/8, 1/2, 9/16, 3/4 AF	1	1250

124-IN

Double End Swivel Socket Wrench Set 1/2"

- 10 pcs.
- for inside hexagon screws
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174

12,5
1/2"
mm

Code	Number	Contents	Accessories	Pieces	Weight/g
0124510801000	124-IN	Screwdriver Sockets: 3210-IN 4, 5, 6, 8, 10, 12, 14 17 mm Double End Swivel Socket Wrench Square Drive 124	Extension Bar 125 mm 770-L5	1	2100

770-KIN...

SOCKET SET 1/2"

- INM=12 pcs., INA=9 pcs.
- for inside hexagon screws
- in black metal storage case with plastic insert
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ba
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm
AF"

Code	Number	Ratchet			Pieces	Weight/g
0770550302000	770-KINMU	Reversible Ratchet 770-L1D	Inside Hexagon Screwdriver Sockets 3210-IN 4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm	Extension Bar 125 mm 770-L5	1	2600
0770550302900	770-KINMK	Reversible Ratchet 770-L1K	Inside Hexagon Screwdriver Sockets 3210-IN 4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm	Extension Bar 125 mm 770-L5	1	2500
0770550352000	770-KINAU	Reversible Ratchet 770-L1D	Inside Hexagon Screwdriver Sockets 3210-IN 3/16, 1/4, 5/16, 3/8, 1/2, 9/16, 3/4 AF	Extension Bar 125 mm 770-L5	1	2300
0770550352900	770-KINAK	Reversible Ratchet 770-L1K	Inside Hexagon Screwdriver Sockets 3210-IN 3/16, 1/4, 5/16, 3/8, 1/2, 9/16, 3/4 AF	Extension Bar 125 mm 770-L5	1	2200

770-OKLIM/771-OKLIM

Socket Set 1/2"

- 30 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770550122100	770-OKLIMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5400
0771530422100	771-OKLIMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5600
0770550122900	770-OKLIMK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5300
0771530422900	771-OKLIMK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5300

770-LIM.../771-LIM...

Socket Set 1/2"

- 31 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770550102100	770-LIMU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	6000
0771530402100	771-LIMU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	6700
0770550102900	770-LIMK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5900
0771530402900	771-LIMK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Inside Hexagon Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 mm	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5900

770-XZN

Socket Set 1/2"

- 7 pcs.
- for inside multi-point screws
- in black metal storage case with plastic insert
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retain
- blade made of ELORA-Vanadium special steel, gun metal finish
- blades according to DIN 2325

12,5

1/2"

Code	Number	Sockets	Pieces	Weight/g
0770550272000	770-XZN	Screwdriver Sockets: 3230-XZN M5, M6, M8, M10, M12, M14, M16	1	1100

770-KXZN...

Socket Set 1/2"

- 9 pcs.
- for inside multi-point screws
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770550402000	770-KXZNU	Reversible Ratchet 770-L1D	Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12, M14, M16	Extension Bar 125 mm 770-L5	1	2400
0770550402900	770-KXZNK	Reversible Ratchet 770-L1K	Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12, M14, M16	Extension Bar 125 mm 770-L5	1	2400

770-OKLX.../771-OKLX...

Socket Set 1/2"

- 30 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

12,5

1/2"

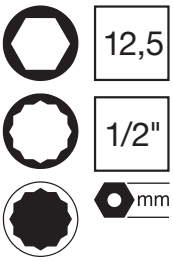
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770550522100	770-OKLXZNU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12, M14, M16	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5400
0771525522100	771-OKLXZNU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12, M14, M16	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5400
0770550522900	770-OKLXZNK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12, M14, M16	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5300
0771525522900	771-OKLXZNK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12 M14, M16	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5300

770-LX.../771-LX...

Socket Set 1/2"

- 31 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

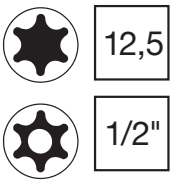


Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770550502100	770-LXZNU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12 M14, M16	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	6200
0771525502100	771-LXZNU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12 M14, M16	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	6000
0770550502900	770-LXZNK	Reversible Ratchet 770-L1K	Bi-Hexagon Sockets 770-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12 M14, M16	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5900
0771525502900	771-LXZNK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32 mm Screwdriver Sockets 3230-XZN M5, M6, M8, M10, M12 M14, M16	Speed Brace 770-L2 Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	5900

770-TX/770-TTX

Socket Set 1/2"

- 9 pcs.
- suitable for inside TORX® resp. inside-TORX® safety screws
- in black metal storage case with plastic insert
- chrome-plated, polished
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- blade made of ELORA-Vanadium special steel, gun metal finish
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	Number	Contents	Pieces	Weight/g
0770551202000	770-TX	TORX®-Screwdriver Sockets: 3245-TX 20, 25, 27, 30, 40, 45, 50, 55, 60	1	1170
0770551252000	770-TTX	TORX®-Screwdriver Sockets: 3245-TTX 20, 25, 27, 30, 40, 45, 50, 55, 60	1	1160

124-TX

Double End Swivel Socket Wrench Set 1/2"

- 13 pcs.
- for inside TORX® screws
- in black metal storage case with OMS-hard foam insert
- square drive according to DIN 3120, ISO 1174
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

12,5

1/2"

Code	Number	Contents	Accessories	Pieces	Weight/g
0124520801000	124-TX	TORX®-Screwdriver Sockets: 3245-TX 25, 27, 30, 40, 45, 50, 55, 60 Double End Swivel Socket Wrench Square Drive 124	Extension Bar 125 mm 770-L5	1	1900

770-KTX.../KTT...

Socket Set 1/2"

- 11 pcs.
- suitable for inside TORX® resp. inside-TORX® safety screws
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

12,5

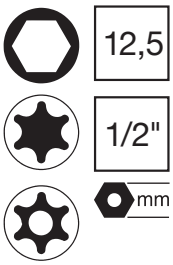
1/2"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770551302100	770-KTXU	Reversible Ratchet 770-L1D	TORX®-Screwdriver Sockets 3245-TX 20, 25, 27, 30, 40, 45, 50, 55, 60	Extension Bar 125 mm 770-L5	1	2400
0770551302900	770-KTXK	Reversible Ratchet 770-L1K	TORX®-Screwdriver Sockets 3245-TX 20, 25, 27, 30, 40, 45, 50, 55, 60	Extension Bar 125 mm 770-L5	1	2300
0770551352000	770-KTTXU	Reversible Ratchet 770-L1D	TORX®-Screwdriver Sockets 3245-TTX 20, 25, 27, 30, 40, 45, 50, 55, 60	Extension Bar 125 mm 770-L5	1	2400
0770551352900	770-KTTXK	Reversible Ratchet 770-L1K	TORX®-Screwdriver Sockets 3245-TTX 20, 25, 27, 30, 40, 45, 50, 55, 60	Extension Bar 125 mm 770-L5	1	2300

771-LMIT...

Socket Set 1/2"

- 30 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315

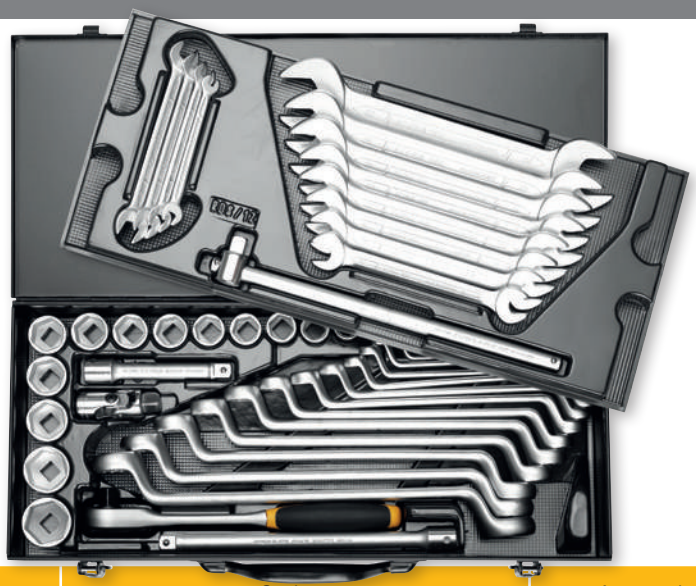


Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0771510602000	771-LMITXU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11,12, 13, 14, 15, 17, 19, 22, 24, 27, 30 mm Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 TORX®-Screwdriver Sockets 3245-TX 30, 40, 45, 50	Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4600
0771510602900	771-LMITXK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11,12, 13, 14, 15, 17, 19, 22, 24, 27, 30 mm Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 TORX®-Screwdriver Sockets 3245-TX 30, 40, 45, 50	Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4500
0771510702000	771-LMITTXU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11,12, 13, 14, 15, 17, 19, 22, 24, 27, 30 mm Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 TORX®-Screwdriver Sockets 3245-TTX 30, 40, 45, 50	Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4500
0771510702900	771-LMITTXK	Reversible Ratchet 770-L1K	Hexagon Sockets 771-LM 10, 11,12, 13, 14, 15, 17, 19, 22, 24, 27, 30 mm Screwdriver Sockets 3210-IN 5, 6, 7, 8, 10, 12, 14 TORX®-Screwdriver Sockets 3245-TTX 30, 40, 45, 50	Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	4500

770-771-RDS12

COMBINATION SOCKET SET 1/2"

- 49 pcs.
- in black metal storage case with plastic insert
- square drive according to DIN 3120, ISO 1174
- operation tools according to DIN 3122, ISO 3315



12,5
1/2"
mm

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770560402000	770-RDS12MU	Reversible Ratchet 770-L1D	Bi-Hexagon Sockets 770-LM 10, 11,12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm Double-Open-Ended Spanner 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm Double-Ended Ring Spanner 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	11000
0771550202000	771-RDS12MU	Reversible Ratchet 770-L1D	Hexagon Sockets 771-LM 10, 11,12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm Double-Open-Ended Spanner 100- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm Double-Ended Ring Spanner 110- 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm	Sliding T-Bar 770-L3 Extension Bar 125 mm 770-L5 Extension Bar 250 mm 770-L6 Universal Joint 770-L7	1	11000

You will find the matching OMS-3/4 module on page no. 46

You will find the matching OMS-18 module on page no. 48

You will find the matching OMS-11/12 module on page no. 56

You will find the matching MS-13 module on page no. 56

You will find the matching MS-14 module on page no. 56

770-S1K

Reversible Ratchet Head 3/4"

- for use with tommy bar ELORA-No. 770-S7
- forged gear with male and female coupler square
- smallest possible swivel angle 11,25°
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120-B 20, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770020122000	770-S1K	160	1	1365
0770020702000	770-S7	500	3	1335

770-S1U

REVERSIBLE RATCHET 3/4"

- forged gear with male and female coupler square
- smallest possible swivel angle 11,25°
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120-B 20, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770020102000	770-S1U	500	1	1950
0770021602000	770-S16	Repair Kit	1	530

770-S1ZI

PUSH THROUGH RATCHET 3/4"

- forged gear wheel with push through square coupler
- smallest possible swivel angle 10°
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120-A 20, ISO 1174, with ball retaining groove

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770020112100	770-S1ZI	500	1	1395
0770020132000	770-S1V	42	6	135
0770021702000	770-S17	Repair Kit	1	340

770-S1A

RATCHET UNIT 3/4", REVERSIBLE

- as accessory for operation tools, torque wrenches etc.
- smallest possible swivel angle 11,25°
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120-B 20, ISO 1174, with locking pin

20

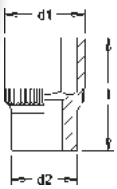
3/4"

Code	Number	l/mm			Pieces	Weight/g
0770020142000	770-S1A	98	3/4"	3/4"	1	1530

770SM-..., 770SA-..., 770SW-...

SOCKET 3/4", BI-HEXAGON

- hot forged
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-D 20, ISO 1174, with locking pin
- according to DIN 3124, ISO 2725-1



20

3/4"

mm

Code	Number	d1 mm	d2 mm	l/mm	Pieces	Weight/g
0770010182000	770-S 18	27,0	35,0	50,0	3	170
0770010192000	770-S 19	28,0	35,0	50,0	3	170
0770010212000	770-S 21	30,6	35,0	50,5	3	180
0770010222000	770-S 22	32,2	35,0	50,5	3	190
0770010232000	770-S 23	33,5	35,0	51,0	3	200
0770010242000	770-S 24	34,5	35,0	52,0	3	190
0770010252000	770-S 25	37,0	35,0	53,0	3	220
0770010262000	770-S 26	38,0	36,0	53,0	3	235
0770010272000	770-S 27	38,6	36,0	55,0	3	230
0770010282000	770-S 28	40,0	36,0	55,5	3	260
0770010292000	770-S 29	41,0	37,0	55,5	3	275
0770010302000	770-S 30	43,0	37,0	57,0	3	290
0770010322000	770-S 32	45,3	38,0	58,5	3	330
0770010332000	770-S 33	46,3	39,0	59,5	3	350
0770010342000	770-S 34	46,8	39,0	59,5	3	360
0770010362000	770-S 36	50,7	40,0	61,0	3	430
0770010372000	770-S 37	51,7	41,0	61,5	3	470
0770010382000	770-S 38 / 1.1/2	53,2	41,0	62,0	3	510
0770010412000	770-S 41	56,0	40,0	64,0	3	605
0770010422000	770-S 42	57,0	40,0	64,0	3	570
0770010462000	770-S 46 / 1.13/16	66,0	42,0	66,0	3	720
0770010472000	770-S 47	63,0	42,0	68,0	1	730
0770010502000	770-S 50	68,0	42,0	68,0	1	840
0770010522000	770-S 52	71,0	45,0	72	1	965
0770010542000	770-S 54	72,0	45,0	74,0	1	955
0770010552000	770-S 55	74,0	45,0	76,0	1	1110
0770010602000	770-S 60	80,0	45,0	78,0	1	1345

AF"

Code	Nummer	d1 mm	d2 mm	l/mm	Stück	Gewicht/g
0770110282000	770-SA 3/4	28,0	35,0	50,0	3	170
0770110302000	770-SA 13/16	30,5	35,0	50,0	3	185
0770110312000	770-SA 7/8	32,5	35,0	50,0	3	190
0770110322000	770-SA 15/16	34,5	35,0	52,0	3	190
0770110332000	770-SA 31/32	35,0	35,0	53,0	3	190
0770110342000	770-SA 1	37,0	35,0	53,0	3	215
0770110352000	770-SA 1.1/16	38,6	36,0	55,0	3	235
0770110362000	770-SA 1.1/8	40,7	36,0	55,5	3	245
0770110372000	770-SA 1.3/16	43,0	37,0	57,0	3	255
0770110382000	770-SA 1.1/4	45,3	38,0	58,5	3	335
0770110392000	770-SA 1.5/16	46,3	39,0	59,5	3	350
0770110402000	770-SA 1.3/8	48,9	40,0	60,5	3	395
0770110412000	770-SA 1.7/16	50,7	40,0	62,0	3	435
0770010382000	770-S 38 / 1.1/2	53,2	41,0	62,0	3	510
0770110432000	770-SA 1.9/16	55,4	42,0	62,5	3	540
0770110442000	770-SA 1.5/8	56,0	40,0	64,0	3	585
0770110452000	770-SA 1.11/16	58,0	40,0	65,0	3	615
0770110462000	770-SA 1.3/4	60,0	40,0	66,0	3	600
0770010462000	770-S 46 / 1.13/16	62,0	42,0	66,0	3	720
0770110482000	770-SA 1.7/8	64,0	42,0	68,0	1	720
0770110492000	770-SA 2	68,0	42,0	68,0	1	895
0770110502000	770-SA 2.1/16	70,0	45,0	72,0	1	950
0770110512000	770-SA 2.1/8	72,0	45,0	74,0	1	1045
0770110522000	770-SA 2.3/16	74,0	45,0	76,0	1	1095
0770110532000	770-SA 2.1/4	76,0	45,0	76,0	1	1220
0770110552000	770-SA 2.3/8	80,0	45,0	78,0	1	1380

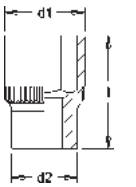
WW

Code	Number	d1 mm	d2 mm	l/mm	Pieces	Weight/g
0770210232000	770-SW 1/2	33,5	35,0	51,0	3	190
0770210242000	770-SW 9/16	37,0	35,0	53,0	3	215
0770210262000	770-SW 5/8	40,0	36,0	55,5	3	225
0770210272000	770-SW 11/16	43,0	37,0	57,0	3	290
0770210282000	770-SW 3/4	46,3	39,0	59,5	3	300
0770210302000	770-SW 13/16	48,9	40,0	60,5	1	385
0770210312000	770-SW 7/8	52,3	41,0	61,5	1	445
0770210322000	770-SW 15/16	55,4	42,0	62,5	1	555
0770210342000	770-SW 1	58,3	41,0	63,5	1	600
0770210362000	770-SW 1.1/8	65,0	45,0	73	1	775
0770210382000	770-SW 1.1/4	70,0	45,0	77	1	830

771SM-...

SOCKET 3/4", HEXAGON

- hot forged
- matt chrome-plated
- knurled
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-D 20, ISO 1174, with locking pin
- according to DIN 3124, ISO 2725-1



20

3/4"

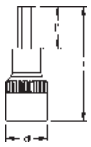
mm

Code	Number	d1 mm	d2 mm	l/mm	Pieces	Weight/g
0771010182000	771-S 18	27,0	35,0	50,0	3	170
0771010192000	771-S 19	28,0	35,0	50,0	3	170
0771010212000	771-S 21	30,6	35,0	50,5	3	180
0771010222000	771-S 22	32,2	35,0	50,5	3	190
0771010232000	771-S 23	33,5	35,0	51,0	3	200
0771010242000	771-S 24	34,5	35,0	52,0	3	190
0771010252000	771-S 25	37,0	35,0	53,0	3	220
0771010262000	771-S 26	38,0	36,0	54,0	3	235
0771010272000	771-S 27	38,6	36,0	55,0	3	230
0771010282000	771-S 28	40,0	36,0	55,5	3	260
0771010292000	771-S 29	41,0	37,0	57	3	275
0771010302000	771-S 30	43,0	37,0	57,0	3	290
0771010322000	771-S 32	45,3	38,0	58,5	3	330
0771010332000	771-S 33	46,3	39,0	59,5	3	350
0771010342000	771-S 34	46,8	39,0	59,5	3	360
0771010362000	771-S 36	50,7	40,0	61,0	3	430
0771010372000	771-S 37	51,7	41,0	61,5	3	470
0771010382000	771-S 38 / 1.1/2	53,2	41,0	62,0	3	510
0771010412000	771-S 41	56,0	40,0	64,0	3	605
0771010422000	771-S 42	57,0	40,0	64,0	3	570
0771010462000	771-S 46 / 1.13/16	62,0	42,0	66,0	3	720
0771010472000	771-S 47	63,0	42,0	68,0	1	730
0771010502000	771-S 50	68,0	42,0	68,0	1	840
0771010542000	771-S 54	72,0	45,0	74,0	1	955
0771010552000	771-S 55	74,0	45,0	76,0	1	1110
0771010602000	771-S 60	80,0	45,0	78,0	1	1345

770-SIN...

SCREWDRIVER SOCKET 3/4"

- for inside hexagon screws
- matt chrome-plated
- knurled
- holder made of ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-D 20, ISO 1174, with locking pin
- blade made of ELORA-Vanadium special steel, gun metal finish
- according to DIN 7422



20

3/4"

Code	Number	mm	d mm	l1 mm	l/mm	Pieces	Weight/g
0770050142000	770-SIN 14	M16-18	36,0	25,5	76,5	3	180
0770050172000	770-SIN 17	M20-22	36,0	25,5	76,5	3	190
0770050192000	770-SIN 19	M24-27	36,0	25,5	76,5	3	200
0770050222000	770-SIN 22	M30	36,0	25,5	76,5	3	215

770-S2
FLEXIBLE HANDLE 3/4"

- matt chrome-plated
- with plastic handle
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- male square according to DIN 3120-B 20, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770020202000	770-S2	500	1	1670

770-S3
SLIDING T-BAR 3/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-B 20, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770020302000	770-S3	480	2	1447

770-S14
SOCKET HANDLE 3/4"

- matt chrome-plated
- with plastic handle
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- male square according to DIN 3120-B 20, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770021402000	770-S14	500	1	1410

770-S4/-S5/-S15
EXTENSION BAR 3/4"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with locking pin
- according to DIN 3123, ISO 3316

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770021502000	770-S15	100	6	335
0770020402000	770-S4	200	6	590
0770020502000	770-S5	400	3	1085

770-S6
UNIVERSAL JOINT 3/4"

- chrome-plated, polished
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with locking pin
- according to DIN 3123, ISO 3316

20

3/4"

Code	Number	l/mm	Pieces	Weight/g
0770020602000	770-S6	100	1	460

770-S13
SLIDING HEAD 3/4"

- for use with tommy bar ELORA-No. 770-S7
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- male square according to DIN 3120-B 20, ISO 1174, with locking pin

20

3/4"

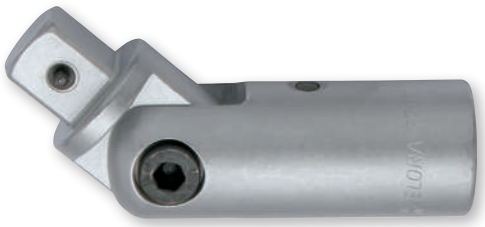
Code	Number	l/mm	Pieces	Weight/g
0770021302000	770-S13	65	3	300

770-S8
FLEXIBLE HEAD 3/4"

- for use with tommy bar ELORA-No. 770-S7
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- male square according to DIN 3120-B 20, ISO 1174, with locking pin

20

3/4"



Code	Number	l/mm	Pieces	Weight/g
0770020802000	770-S8	110	1	585

770-S7
TOMMY BAR 3/4"

- with plastic handle
- for ELORA-No.770-S1K, Reversible Ratchet Head
- for ELORA-Nr.770-S8, Flexible Head
- for ELORA-Nr.770-S13, Sliding Head
- for ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0770020702000	770-S7	500	3	1335

770-L11/-S.../780-7
SOCKET CONVERTER 3/4"

- chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174
- according to DIN 3123, ISO 3316

20

3/4"

Code	Number	■	○	l/mm	Pieces	Weight/g
0770020902000	770-S9	1/2"	3/4"	57	6	185
0770011002000	770-L11	3/4"	1/2"	45	6	130
0770021102000	770-S11	1	3/4"	55	6	255
0780100072000	780-7	3/4"	1	70	1	425

770-S10 OK.../771-S10 OK...

SOCKET SET 3/4"

- 13 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20
3/4"
mm
AF"

Code	Number	Sockets	Accessories	Pieces	Weight/g
0770580102000	770-S10 OKM	Bi-Hexagon Sockets 770-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	10800
0771540102000	771-S10 OKM	Hexagon Sockets 771-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	10800
0770580112000	770-S10 OKA	Bi-Hexagon Sockets 770-SA 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2 AF	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	10600

770-S10.../771-S10...

SOCKET SET 3/4"

- 14 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20
3/4"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770580122000	770-S10 MU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	12700
0771540112000	771-S10 MU	Reversible Ratchet 770-S1U	Hexagon Sockets 771-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	12700
0770580132000	770-S10 MZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	12100
0771540122000	771-S10 MZ	Push Through Ratchet 770-S1ZI	Hexagon Sockets 771-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	12100
0770580142000	770-S10 AU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SA 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2 AF	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	12600
0770580152000	770-S10 AZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SA 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2 AF	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	12000

770-S10 K.../771-S10 K...

SOCKET SET 3/4"

- 16 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20
3/4"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770580162000	770-S10 KM	Reversible Ratchet Head 770-S1K	Bi-Hexagon Sockets 770-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Tommy Bar 770-S7 Universal Joint 770-S8	1	14000
0771540132000	771-S10 KM	Reversible Ratchet Head 770-S1K	Hexagon Sockets 771-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Tommy Bar 770-S7 Universal Joint 770-S8	1	14000
0770580172000	770-S10 KA	Reversible Ratchet Head 770-S1K	Bi-Hexagon Sockets 770-SA 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2 AF	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Tommy Bar 770-S7 Universal Joint 770-S8	1	13900

770-S12.../771-S12...

SOCKET SET 3/4"

- 16 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20
3/4"
mm
AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770580182000	770-S12 MU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50, 55, 60 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	13900
0771540142000	771-S12 MU	Reversible Ratchet 770-S1U	Hexagon Sockets 771-SM 22, 24, 27, 30, 32, 36, 38, 41, 46, 50, 55, 60 mm	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	14000
0770580192000	770-S12 AU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SA 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2 AF	Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5	1	13900

770-S15.../771-S15...

SOCKET SET 3/4"

- MU=21 pcs., AU=20 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20

3/4"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770580202000	770-S15 MU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SM 21, 22, 24, 27, 28, 30, 32, 34, 36, 38, 41, 42, 46, 47, 50 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6	1	17800
0771540152000	771-S15 MU	Reversible Ratchet 770-S1U	Hexagon Sockets 771-SM 21, 22, 24, 27, 28, 30, 32, 34, 36, 38, 41, 42, 46, 47, 50 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6	1	17800
0770580212000	770-S15 MZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SM 21, 22, 24, 27, 28, 30, 32, 34, 36, 38, 41, 42, 46, 47, 50 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6	1	17200
0771540162000	771-S15 MZ	Push Through Ratchet 770-S1ZI	Hexagon Sockets 771-SM 21, 22, 24, 27, 28, 30, 32, 34, 36, 38, 41, 42, 46, 47, 50 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6	1	17200
0770580222000	770-S15 AU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SA 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2 AF	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6	1	17800
0770580232000	770-S15 AZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SA 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2 AF	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6	1	17200

770-S22...

SOCKET SET 3/4 3/4"

- 32 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20

3/4"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770580302000	770-S22 MAU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SM 19, 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm 770-SA 3/4, 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1. 13/16, 2 AF	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	21600
0770580312000	770-S22 MAZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SM 19, 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm 770-SA 3/4, 7/8, 15/16, 1, 1.1/16, 1.1/4, 1.7/16, 1.1/2, 1.5/8, 1. 13/16, 2 AF	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	21000

You will find the matching OMS-35/25 module on page no. 46

770-S24/26.../771-S24/26...

SOCKET SET 3/4"

- MU and MZ=34 pcs., AU and AZ=35 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

20

3/4"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0770580422000	770-S24/1 MU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SM 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 36, 37, 38, 41, 42, 46, 47, 50, 54, 55, 60 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	25000
0771540282000	771-S24/1 MU	Reversible Ratchet 770-S1U	Hexagon Sockets 771-SM 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 36, 37, 38, 41, 42, 46, 47, 50, 54, 55, 60 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	25000
0770580432000	770-S24/1 MZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SM 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 36, 37, 38, 41, 42, 46, 47, 50, 54, 55, 60 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	24500
0771540292000	771-S24/1 MZ	Push Through Ratchet 770-S1ZI	Hexagon Sockets 771-SM 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 36, 37, 38, 41, 42, 46, 47, 50, 54, 55, 60 mm	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	25200
0770580502000	770-S26 AU	Reversible Ratchet 770-S1U	Bi-Hexagon Sockets 770-SA 3/4, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.9/16, 1.5/8, 1.11/16, 1.3/4, 1.13/16, 1.7/8, 2, 2.1/16, 2.1/8, 2.3/16, 2.1/4, 2.3/8 AF	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	27000
0770580512000	770-S26 AZ	Push Through Ratchet 770-S1ZI	Bi-Hexagon Sockets 770-SA 3/4, 13/16, 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.9/16, 1.5/8, 1.11/16, 1.3/4, 1.13/16, 1.7/8, 2, 2.1/16, 2.1/8, 2.3/16, 2.1/4, 2.3/8 AF	Flexible Handle 770-S2 Sliding T-Bar 770-S3 Extension Bar 100 mm 770-S15 Extension Bar 200 mm 770-S4 Extension Bar 400 mm 770-S5 Universal Joint 770-S6 Socket Converter, Male 1/2, Female 3/4 770-S9 Socket Converter, Male 1, Female 3/4 770-S11	1	26500

780-1

REVERSIBLE RATCHET 1", WITH TOMMY BAR

- forged gear wheel with 1'' male- and 3/4'' female square
- smallest possible swivel angle 11,25°
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 /
- male square drive according to DIN 3120 [illegible]5, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

25

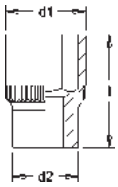
1"

Code	Number	l/mm	Pieces	Weight/g
0780000012000	780-1	660	1	3825
0780000012100	780-E1	Repair Kit	1	560

780M-...

SOCKET 1", BI-HEXAGON

- hot forged
- matt chrome-plated
- Chrome-Vanadium 31 CrV 3 / 1.2208
- female square according to DIN 3120-D 25, ISO 1174, with locking pin
- according to DIN 3124, ISO 2725-1



25

1"

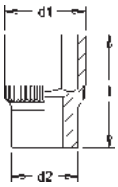
mm

Code	Number	d1 mm	d2 mm	l/mm	Pieces	Weight/g
0780000361000	780-36	52,0	45,0	65,0	1	480
0780000381000	780-38 / 1.1/2	54,0	45,0	65,0	1	590
0780000411000	780-41	57,0	45,0	70,0	1	630
0780000461000	780-46 / 1.13/16	65,0	50,0	75,0	1	770
0780000501000	780-50	70,0	50,0	75,0	1	950
0780000551000	780-55	76,0	55,0	80,0	1	1350
0780000601000	780-60	82,0	55,0	84,0	1	1585
0780000651000	780-65	88,0	55,0	87,5	1	1730
0780000701000	780-70	94,0	60,0	93,0	1	2075
0780000751000	780-75	100,0	60,0	97,0	1	2400
0780000801000	780-80	105,0	60,0	103,0	1	2655

780A-...

SOCKET 1", BI-HEXAGON

- hot forged
- matt chrome-plated
- Chrome-Vanadium 31 CrV 3 / 1.2208
- female square according to DIN 3120-D 25, ISO 1174, with locking pin
- according to DIN 3124, ISO 2725-1



25

1"

AF"

Code	Number	d1 mm	d2 mm	l/mm	Pieces	Weight/g
0780100211000	780A-1.7/16	52,0	45,0	65,0	1	440
0780000381000	780-38 / 1.1/2	54,0	45,0	65,0	1	590
0780000461000	780-46 / 1.13/16	65,0	50,0	75,0	1	770
0780100441000	780A-1.5/8	57,0	45,0	70,0	1	645
0780100491000	780A-2	70,0	50,0	75,0	1	830
0780100521000	780A-2.3/16	76,0	55,0	80,0	1	1000
0780100551000	780A-2.3/8	82,0	55,0	84,0	1	1120
0780100581000	780A-2.9/16	88,0	55,0	90	1	1850
0780100591000	780A-2.5/8	90,0	55,0	90,0	1	1870
0780100601000	780A-2.3/4	94,0	60,0	93	1	2085
0780100631000	780A-3	102,0	60,0	103,0	1	2525
0780100641000	780A-3.1/8	105,0	60,0	103,0	1	2660

780-IN...

SCREWDRIVER SOCKET 1"

- for inside hexagon screws
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female square according to DIN 3120-D 25, ISO 1174
- according to DIN 7422

25

1"

Code	Number		d mm	l1 mm	l/mm	Pieces	Weight/g
0780050171000	780-IN 17	M20-22	48,0	25,0	90	1	530
0780050191000	780-IN 19	M24-27	48,0	25,0	90	1	555
0780050221000	780-IN 22	M30	48,0	25,0	90	1	650
0780050241000	780-IN 24	M33	48,0	25,0	90	1	765

780-2

SLIDING T-BAR 1"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- male square according to DIN 3120-B 25, ISO 1174, with locking pin
- according to DIN 3122, ISO 3315

25

1"

Code	Number	l/mm	Pieces	Weight/g
0780000022000	780-2	640	1	3345

780-3/4

EXTENSION BAR 1"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with locking pin
- according to DIN 3123, ISO 3316

25

1"

Code	Number	l/mm	Pieces	Weight/g
0780000032000	780-3	200	1	1040
0780000042000	780-4	400	1	1875

780-7/770-S11

SOCKET CONVERTER 1"

- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120, ISO 1174, with locking pin
- according to DIN 3123, ISO 3316

25

1"

Code	Number	l/mm			Pieces	Weight/g
0780100072000	780-7	70	3/4"	1	1	425
0770021102000	770-S11	55	1	3/4"	6	255

780-10...

SOCKET SET

- 14 pcs.
- in black metal storage case
- square drive according to DIN 3120, ISO 1174, with locking pin
- operation tools according to DIN 3122, ISO 3315

25

1"

mm

AF"

Code	Number	Ratchet	Sockets	Accessories	Pieces	Weight/g
0780501001000	780-10M	Reversible Ratchet 780-1	Bi-Hexagon Sockets 780- 36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm	Sliding T-Bar 780-2 Extension Bar 200 mm 780-3 Extension Bar 400 mm 780-4	1	33000
0780601001000	780-10A	Reversible Ratchet 780-1	Bi-Hexagon Sockets 780A- 1.7/16, 1.5/8, 1.13/16, 2, 2.3/16, 2.3/8, 2.9/16, 2.3/4, 3, 3.1/8 AF	Sliding T-Bar 780-2 Extension Bar 200 mm 780-3 Extension Bar 400 mm 780-4	1	32000

OTHER TYPES

770-L1DI

RATCHET

- for contraction of beams of roof constructions
- robust ratchet with small, slim head
- gear wheel with 16mm hexagon socket
- smallest possible swivel angle 11,25°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0770001002100	770-L1DI	270	1	555

765-...

RATCHET OPERATED PODGER SPANNER

- for scaffolding and constructional steel work
- reversible ratchets with two different sizes, with centering tips
- with lock hole Ø 5,2 mm
- smallest possible swivel angle 11,25°
- chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0765017191000	765-17x19	310	1	450
0765017211000	765-17x21	310	1	450
0765019221000	765-19x22	310	1	450
0765024301000	765-24x30	450	1	1280
0765027321000	765-27x32	450	1	1300
0765036411000	765-36x41	450	1	1320

ELORA 10
ELORA 30

04

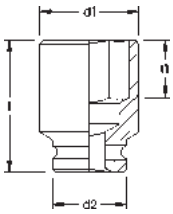
IMPACT TOOLS

IMPACT-TOOLS 1/4"	Page 190
IMPACT-TOOLS 3/8"	Page 193
IMPACT-TOOLS 1/2"	Page 196
IMPACT-TOOLS 3/4"	Page 202
IMPACT-TOOLS 1"	Page 206
IMPACT-TOOLS 1.1/2"	Page 210
IMPACT-TOOLS 2.1/2"	Page 214
IMPACT-SCREWDRIVER INSERT BITS AND BIT COUPLERS	Page 216

788-..., 788A-...

IMPACT SOCKET 1/4", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-G 6,3, ISO 1174
- according to DIN 3129, ISO 2725-2



6,3

1/4"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0788000405100	788-4	23	4	7,5	13	7883-11	7884-11	6	14
0788000455100	788-4,5	23	4	8	13	7883-11	7884-11	6	14
0788000505100	788-5	23	5	8,5	13	7883-11	7884-11	6	14
0788000555100	788-5,5	23	5	9	13	7883-11	7884-11	6	14
0788000605100	788-6	23	6	10	13	7883-11	7884-11	6	14
0788000705100	788-7	23	6	11	13	7883-11	7884-11	6	15
0788000805100	788-8	23	7	12	13	7883-11	7884-11	6	15
0788000905100	788-9	23	7	13	13	7883-11	7884-11	6	15
0788001005100	788-10	23	7	14,5	13	7883-11	7884-11	6	17
0788001105100	788-11	23	8	16	13	7883-11	7884-11	6	17
0788001205100	788-12	23	9	17	13	7883-11	7884-11	6	18
0788001305100	788-13	23	9	18	13	7883-11	7884-11	6	18
0788001405100	788-14	23	9	20	13	7883-11	7884-11	6	24
0788001705100	788-17	26	10	24	13	7883-11	7884-11	6	35

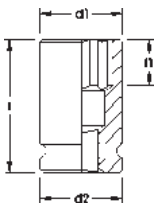
AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0788100135100	788A-1/4	23	5	10,5	13	7883-11	7884-11	6	15
0788100175100	788A-5/16	23	5	12	13	7883-11	7884-11	6	15
0788100185100	788A-11/32	23	5	13	13	7883-11	7884-11	6	15
0788100215100	788A-7/16	23	7	16	13	7883-11	7884-11	6	17
0788100235100	788A-1/2	23	8	18	13	7883-11	7884-11	6	18

796-E...

IMPACT SOCKET 1/4"

- for outside TORX® screws
- for power tools
- special steel, phosphated
- female square according to DIN 3121-G6, 3, ISO 1174
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



6,3

1/4"

Code	Number	mm	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0796000045000	796-E4	3,86	23	3,2	7,4	13	7883-11	7884-11	6	15
0796000055000	796-E5	4,73	23	3,2	8,3	13	7883-11	7884-11	6	15
0796000065000	796-E6	5,74	23	4	9,3	13	7883-11	7884-11	6	15
0796000075000	796-E7	6,16	23	4,8	9,8	13	7883-11	7884-11	6	15
0796000085000	796-E8	7,52	23	5,6	11,1	13	7883-11	7884-11	6	15
0796000105000	796-E10	9,42	23	6,4	13	13	7883-11	7884-11	6	16

7900-...

IMPACT EXTENSION BAR 1/4"

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and G, ISO 1174

6,3

1/4"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7900000505100	7900-50	50	7883-11	7884-11	6	28
7900001005100	7900-100	100	7883-11	7884-11	6	48

795-1/4

IMPACT UNIVERSAL JOINT 1/4"

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and G, ISO 1174

6,3

1/4"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0795100135100	795-1/4	40	7883-13	7884-14	3	25

7907-...

IMPACT ADAPTOR

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and G, ISO 1174

6,3

1/4"

Code	Number	▢	■	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7907100175100	7907-5/16	1/4“	5/16“	25	7883-11	7884-11	3	18
7907100195100	7907-3/8	1/4“	3/8“	25	7883-11	7884-11	3	20

You will find the matching socket rails on page no. 123

4140-...

ADAPTOR 1/4"

- for power tools
- ELORA-Nr. 4140-50: male square drive according to DIN 3121 E 6,3, ISO 1174 with locking pin, according to DIN 7428, ISO 3317
- ELORA-Nr. 4140-100: male square drive according to DIN 3120 A 6,3, ISO 1174 with ball locking device

6,3

1/4"

4140-50

4140-100

Code	Number	l/mm	⬢	■	Pieces	Weight/g
4140000505200	4140-50	50	1/4"	1/4"	6	15,6
4140001005200	4140-100	100	1/4"	1/4"	6	38,0

7883-.../7884-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKET 1/4"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

7883-...

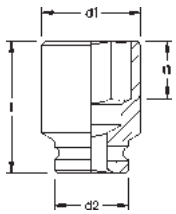
7884-...

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7883000115100	7883-11	11	1,5	12	0,2
7883000135100	7883-13	13	1,5	12	0,2
7884000115100	7884-11	-	11	12	0,2
7884000145100	7884-14	-	14	12	0,2

789-.../789A-...

IMPACT SOCKET 3/8", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-G 10, ISO 1174
- according to DIN 3129, ISO 2725-2



10

3/8"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0789000605100	789-6	32	5	11,3	19	7893-15	7894-15	6	40
0789000705100	789-7	32	5	12,5	19	7893-15	7894-15	6	40
0789000805100	789-8	32	6	13,7	19	7893-15	7894-15	6	40
0789000905100	789-9	32	6	15,0	19	7893-15	7894-15	6	40
0789001005100	789-10	32	7	16,3	19	7893-15	7894-15	6	41
0789001105100	789-11	32	7	17,5	19	7893-15	7894-15	6	41
0789001205100	789-12	32	8	19,0	19	7893-15	7894-15	6	58
0789001305100	789-13	32	8	20,0	22	7893-18	7894-18	6	40
0789001405100	789-14	32	9	21,3	22	7893-18	7894-18	6	58
0789001505100	789-15	32	9	22,5	22	7893-18	7894-18	6	58
0789001605100	789-16	32	10	23,8	22	7893-18	7894-18	6	58
0789001705100	789-17	32	10	25,0	22	7893-18	7894-18	6	66
0789001805100	789-18	32	11	26,3	22	7893-18	7894-18	6	66
0789001905100	789-19	32	12	27,5	22	7893-18	7894-18	6	66
0789002005100	789-20	34	12	29,0	22	7893-18	7894-18	6	75
0789002105100	789-21	34	13	30,0	22	7893-18	7894-18	6	75
0789002205100	789-22	34	14	31,3	22	7893-18	7894-18	6	75
0789002305100	789-23	34	15	32,5	22	7893-18	7894-18	6	75
0789002405100	789-24	36	16	33,8	22	7893-18	7894-18	6	75

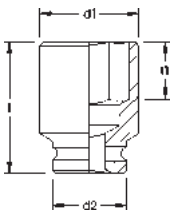
AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0789100175100	789A-5/16	29,5	5	12,5	19	7893-15	7894-15	6	40
0789100215100	789A-7/16	29,5	7	17,0	19	7893-15	7894-15	6	41
0789100235100	789A-1/2	29,5	7	20,0	19	7893-15	7894-15	6	55
0789100245100	789A-9/16	31,5	8	22,0	22	7893-18	7894-18	6	56
0789100315100	789A-7/8	34	12	31,0	25	7893-18	7894-18	6	75

789MG-...

IMPACT SOCKET 3/8", WITH MAGNETIC INSERT, HEXAGON

- for power tools
- special steel, gunmetal-finish
- female square drive according to DIN 3121-G 10, ISO1174
- according to DIN 3129, ISO 2725-2



10

3/8"

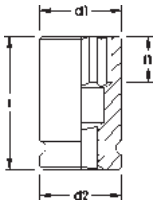
mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0789016085100	789MG-8	30	4	14,5	19	7893-15	7894-15	6	42
0789016095100	789MG-9	30	4	15	19	7893-15	7894-15	6	42
0789016105100	789MG-10	30	5	16	19	7893-15	7894-15	6	42
0789016135100	789MG-13	30	6	19	22	7893-18	7894-18	6	42
0789016155100	789MG-15	30	7	22	22	7893-18	7894-18	6	42
0789016165100	789MG-16	30	8	24	22	7893-18	7894-18	6	62
0789016175100	789MG-17	30	9	25	22	7893-18	7894-18	6	62
0789016185100	789MG-18	30	9	26	22	7893-18	7894-18	6	62
0789016195100	789MG-19	30	9,5	27,5	22	7893-18	7894-18	6	62

797-E...

IMPACT SOCKET 3/8"

- for outside TORX® screws
- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-G 10, ISO 1174
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



10

3/8"

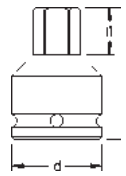
Code	Number	mm	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0797000045000	797-E4	3,86	32	5	9	19	7893-15	7894-15	6	43
0797000055000	797-E5	4,73	32	5	9	19	7893-15	7894-15	6	43
0797000065000	797-E6	5,74	32	7	10	19	7893-15	7894-15	6	42
0797000075000	797-E7	6,16	32	7	10	19	7893-15	7894-15	6	42
0797000085000	797-E8	7,52	32	8	10,5	19	7893-15	7894-15	6	42
0797000105000	797-E10	9,42	32	9	12,5	19	7893-15	7894-15	6	42
0797000125000	797-E12	11,17	32	10	15	19	7893-15	7894-15	6	42
0797000145000	797-E14	12,9	32	12	17,5	19	7893-15	7894-15	6	44
0797000165000	797-E16	14,76	32	12	19	19	7893-15	7894-15	6	42

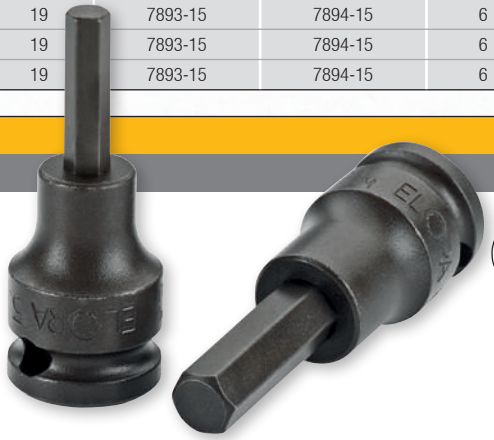
789IN-...

IMPACT SCREWDRIVER SOCKET 3/8"

- for inside hexagon screws
- for power tools
- with exchangeable blades
- special steel, phosphated
- female square drive according to DIN 3121-G 10, ISO 1174

mm





10

3/8"

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0789010305100	789IN-3	48	20	19	7893-15	7894-15	6	35
0789010405100	789IN-4	48	20	19	7893-15	7894-15	6	35
0789010505100	789IN-5	48	20	19	7893-15	7894-15	6	40
0789010605100	789IN-6	48	20	19	7893-15	7894-15	6	40
0789010805100	789IN-8	55	25	19	7893-15	7894-15	6	55
0789011005100	789IN-10	60	28	19	7893-15	7894-15	6	70
0789011205100	789IN-12	65	31	19	7893-15	7894-15	6	90

Spare blades on request

7906-...

IMPACT EXTENSION BAR 3/8"

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and G, ISO 1174

10

3/8"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7906000755100	7906-75	75	7893-15	7894-15	6	87
7906001505100	7906-150	150	7893-15	7894-15	3	180
7906002505100	7906-250	250	7893-15	7894-15	3	286

You will find the matching socket rails on page no. 136

795-3/8

IMPACT UNIVERSAL JOINT 3/8"

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and G, ISO 1174

10

3/8"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0795100195100	795-3/8	50	7893-18	7894-18	3	67

7902-.../7905-.../7907-...

IMPACT ADAPTOR

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F, G and H, ISO 1174

10

3/8"

Code	Number			l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7907100195100	7907-3/8	1/4"	3/8"	25	7883-11	7884-11	3	20
7905100235100	7905-1/2	3/8"	1/2"	32	7893-21	7894-20	3	75
7902100195100	7902-3/8	1/2"	3/8"	36	7903-20	7904-20	3	65

3426

IMPACT ADAPTOR

- for power tools
- with 1/4" outside hexagon according to DIN 3126-E 6,3, DIN ISO 1173
- special steel
- male square drive according to DIN 3121-E 10, ISO 1174, with locking pin
- according to DIN 7428, ISO 3317

10

3/8"

Code	Number	l/mm			Pieces	Weight/g
3426000000000	3426	50	3/8"	1/4"	6	52

7893-.../7894-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKET 3/8"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

7893-...

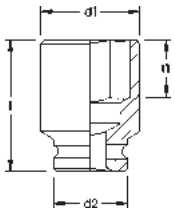
7894-...

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7893000155100	7893-15	15	2,5	12	0,60
7893000185100	7893-18	18	2,5	12	0,75
7893000215100	7893-21	21	3,0	12	0,80
7894000155100	7894-15	-	15	12	0,30
7894000185100	7894-18	-	18	12	0,35
7894000205100	7894-20	-	20	12	0,30

790-..., 790A-....

IMPACT SOCKET 1/2", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-G 12,5, ISO1174
- according to DIN 3129, ISO 2725-2



12,5

1/2"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790000105100	790-10	36	7	17,5	25	7903-20	7904-20	6	90
0790000115100	790-11	36	7	18,5	25	7903-20	7904-20	6	90
0790000125100	790-12	36	8	20	25	7903-20	7904-20	6	95
0790000135100	790-13	36	8	21	25	7903-20	7904-20	6	88
0790000145100	790-14	37	9	22,5	25	7903-20	7904-20	6	90
0790000155100	790-15	37	9	23,5	30	7903-25	7904-24	6	135
0790000165100	790-16	37	10	25	30	7903-25	7904-24	6	135
0790000175100	790-17	37	10	26	30	7903-25	7904-24	6	140
0790000185100	790-18	38	11	27,5	30	7903-25	7904-24	6	137
0790000195100	790-19	38	12	28,5	30	7903-25	7904-24	6	130
0790000205100	790-20	38	12	30	30	7903-25	7904-24	6	130
0790000215100	790-21	39	13	31	30	7903-25	7904-24	6	130
0790000225100	790-22	39	14	32,5	30	7903-25	7904-24	6	150
0790000235100	790-23	39	15	33,5	30	7903-25	7904-24	6	180
0790000245100	790-24	42	16	35	30	7903-25	7904-24	6	185
0790000255100	790-25	42	16	36	30	7903-25	7904-24	6	215
0790000265100	790-26	42	17	37,5	30	7903-25	7904-24	6	225
0790000275100	790-27	45	18	38,5	30	7903-25	7904-24	6	230
0790000285100	790-28	45	18	40	30	7903-25	7904-24	6	255
0790000295100	790-29	45	19	41	30	7903-25	7904-24	6	245
0790000305100	790-30	49	20	42,5	30	7903-25	7904-24	6	250
0790000325100	790-32	49	21	45	30	7903-25	7904-24	6	250
0790000345100	790-34	51	22	47,5	30	7903-25	7904-24	6	275

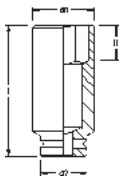
AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790100195100	790A-3/8	35	5	16,5	25	7903-20	7904-20	6	90
0790100215100	790A-7/16	35	7	18	25	7903-20	7904-20	6	90
0790100235100	790A-1/2	35	7	20	25	7903-20	7904-20	6	88
0790100245100	790A-9/16	35	8	22	25	7903-20	7904-20	6	135
0790100265100	790A-5/8	35	9	24	30	7903-25	7904-24	6	135
0790100275100	790A-11/16	35	10	26	30	7903-25	7904-24	6	137
0790100285100	790A-3/4	35	11	29	30	7903-25	7904-24	6	130
0790100305100	790A-13/16	38	13	31	30	7903-25	7904-24	6	130
0790100315100	790A-7/8	38	14	33	30	7903-25	7904-24	6	150
0790100325100	790A-15/16	38	15	35	36	7903-30	7904-30	6	185
0790100345100	790A-1	38	16	37	36	7903-30	7904-30	6	225
0790100355100	790A-1. 1/16	40	16	39	36	7903-30	7904-30	6	225
0790100365100	790A-1.1/8	50	18	41	36	7903-30	7904-30	6	255
0790100385100	790A-1 1/4	50	19	44	36	7903-30	7904-30	6	250
0790100395100	790A-1.5/16	50	20	46	36	7903-30	7904-30	6	290

790LT-...

IMPACT SOCKET 1/2", EXTRA DEEP, HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-G 12,5, ISO 1174
- inch sizes on request resp. see price list



12,5

1/2"

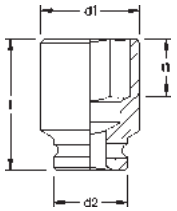
mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790020105100	790LT-10	85	12	17	25	7903-20	7904-20	6	155
0790020135100	790LT-13	85	14	21	25	7903-20	7904-20	6	160
0790020145100	790LT-14	85	15	22,5	25	7903-20	7904-20	6	185
0790020165100	790LT-16	85	15	25	30	7903-25	7904-24	6	210
0790020175100	790LT-17	85	15	26	30	7903-25	7904-24	6	230
0790020185100	790LT-18	85	16	27	30	7903-25	7904-24	6	240
0790020195100	790LT-19	85	16	28,5	30	7903-25	7904-24	3	250
0790020205100	790LT-20	85	19	30	30	7903-25	7904-24	3	260
0790020215100	790LT-21	85	19	31	30	7903-25	7904-24	3	275
0790020225100	790LT-22	85	19	32,5	30	7903-25	7904-24	3	300
0790020245100	790LT-24	85	21	35	30	7903-25	7904-24	3	370
0790020275100	790LT-27	85	23	38	30	7903-25	7904-24	3	430
0790020305100	790LT-30	85	25	42	30	7903-25	7904-24	3	510
0790020325100	790LT-32	85	25	44	30	7903-25	7904-24	3	560

790MG-...

IMPACT SOCKET 1/2", WITH MAGNETIC INSERT, HEXAGON

- for power tools
- special steel, gunmetal-finish
- female square drive according to DIN 3121-G 12,5, ISO 1174
- according to DIN 3129, ISO 2725-2



12,5

1/2"

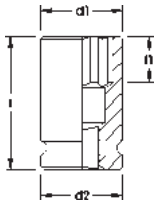
mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790016105100	790MG-10	38	5	17	25	7903-20	7904-20	6	92
0790016115100	790MG-11	38	5	19	25	7903-20	7904-20	6	92
0790016125100	790MG-12	38	6	20	25	7903-20	7904-20	6	92
0790016135100	790MG-13	38	6	21	25	7903-20	7904-20	6	92
0790016145100	790MG-14	38	7	22,5	25	7903-20	7904-20	6	92
0790016155100	790MG-15	38	7	23,7	30	7903-25	7904-24	6	132
0790016165100	790MG-16	38	8	25	30	7903-25	7904-24	6	132
0790016175100	790MG-17	38	9	26	30	7903-25	7904-24	6	132
0790016185100	790MG-18	38	9	27,5	30	7903-25	7904-24	6	132
0790016195100	790MG-19	38	9,5	28,7	30	7903-25	7904-24	6	132

798-E...

IMPACT SOCKET 1/2"

- for outside TORX® screws
- for power tools
- special steel, phosphated
- female square according to DIN 3121-G 12,5, ISO 1174
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



12,5

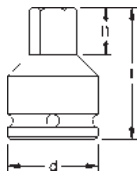
1/2"

Code	Number	mm	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0798000105000	798-E10	9,42	38	9	15	25	7903-20	7904-20	6	84
0798000125000	798-E12	11,17	38	10	16	25	7903-20	7904-20	6	85
0798000145000	798-E14	12,90	38	12	18,5	25	7903-20	7904-20	6	86
0798000185000	798-E18	16,70	38	12	22	25	7903-20	7904-20	6	90
0798000205000	798-E20	18,45	38	13	25	30	7903-25	7904-24	6	128
0798000245000	798-E24	22,16	38	17	28,5	30	7903-25	7904-24	6	142

790IN-..., 790INA-...

IMPACT SCREWDRIVER SOCKET 1/2"

- for inside hexagon screws
- with exchangeable blades
- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-G 12,5, ISO 1174



12,5

1/2"

mm

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790010505100	790IN-5	54	8	25	7903-20	7904-20	6	90
0790010605100	790IN-6	54	9	25	7903-20	7904-20	6	100
0790010805100	790IN-8	57	12	25	7903-20	7904-20	6	100
0790011005100	790IN-10	57	16	25	7903-20	7904-20	6	100
0790011205100	790IN-12	57	18	30	7903-25	7904-24	6	150
0790011405100	790IN-14	57	21	30	7903-25	7904-24	6	150
0790011705100	790IN-17	57	26	30	7903-25	7904-24	6	150
0790011905100	790IN-19	72	26	30	7903-25	7904-24	6	150

AF"

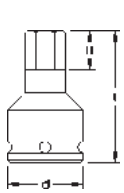
Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790110065100	790INA-1/8	54	6	25	7903-20	7904-20	6	90
0790110085100	790INA-5/32	54	6	25	7903-20	7904-20	6	90
0790110095100	790INA-3/16	54	8	25	7903-20	7904-20	6	90
0790110115100	790INA-7/32	54	9	25	7903-20	7904-20	6	90
0790110135100	790INA-1/4	57	12	25	7903-20	7904-20	6	100
0790110175100	790INA-5/16	57	12	25	7903-20	7904-20	6	100
0790110195100	790INA-3/8	57	16	25	7903-20	7904-20	6	100
0790110215100	790INA-7/16	57	18	25	7903-20	7904-20	6	100
0790110235100	790INA-1/2	57	19	30	7903-25	7904-24	6	150
0790110245100	790INA-9/16	57	21	30	7903-25	7904-24	6	150
0790110265100	790INA-5/8	57	24	30	7903-25	7904-24	6	150

Spare blades on request

790TX-...

IMPACT SCREWDRIVER SOCKET 1/2"

- for inside TORX® screws
- exchangeable blades
- for power tools
- special steel, gunmetal-finish
- female square drive according to DIN 3121-G 12,5, ISO 1174
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



12,5

1/2"

Code	Number	mm	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790015305100	790TX-30	5,52	57	3,19	25	7903-20	7904-20	6	110
0790015405100	790TX-40	6,65	57	3,30	25	7903-20	7904-20	6	110
0790015505100	790TX-50	8,83	57	4,57	25	7903-20	7904-20	6	110
0790015555100	790TX-55	11,22	57	5,08	25	7903-20	7904-20	6	110
0790015605100	790TX-60	13,25	60	7,62	30	7903-25	7904-24	6	170
0790015705100	790TX-70	15,53	70	8,89	30	7903-25	7904-24	6	180
Spare blades on request									

7901-...

IMPACT EXTENSION BAR 1/2"

- for power tools
- special steel, phosphated
- female square according to DIN 3121, form F and G, ISO 1174

12,5

1/2"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7901001255100	7901-125	125	7903-20	7904-20	3	270
7901002505100	7901-250	250	7903-20	7904-20	3	540

795-1/2

IMPACT UNIVERSAL JOINT 1/2"

- for power tools
- special steel, phosphated
- female square according to DIN 3121, form F and G, ISO 1174

12,5

1/2"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0795100235100	795-1/2	65	7903-25	7904-24	3	170

You will find the matching socket rails on page no. 154

7902-.../7912-...

IMPACT ADAPTOR

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F, G and H, ISO 1174

12,5

1/2"

Code	Number			l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7905100235100	7905-1/2	3/8"	1/2"	32	7893-21	7894-20	3	75
7902100195100	7902-3/8	1/2"	3/8"	36	7903-20	7904-20	3	65
7902100285100	7902-3/4	1/2"	3/4"	50	7903-25	7904-24	3	162
7912100235100	7912-1/2	3/4"	1/2"	57	7913-29	7914-28	3	235

04

3427

IMPACT ADAPTOR

- for power tools
- with 1/4" outside hexagon according to DIN 3126-E 6,3, ISO 1173
- special steel
- male square drive according to DIN 3121-E 12,5, DIN ISO 1174, with locking pin
- according to DIN 7428, ISO 3317

12,5

1/2"

Code	Number	l/mm			Pieces	Weight/g
3427000000000	3427	75	1/2"	1/4"	6	100

7903-.../7904-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKETS 1/2"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

7903-...

7904-...

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7903000205100	7903-20	20	3,0	12	0,75
7903000255100	7903-25	25	3,0	12	0,80
7903000305100	7903-30	30	3,0	12	1,00
7904000205100	7904-20	-	20	12	0,50
7904000245100	7904-24	-	24	12	1,00
7904000305100	7904-30	-	30	12	1,50

790S6...

IMPACT SOCKET SET 1/2"

- for power tools
- in black metal storage case with OMS-hard foam insert
- tools made of special steel, phosphated
- square according to DIN 3121, form F and G, ISO1174

12,5
1/2"
mm
AF"

Code	Number	Contents	Pieces	Weight/g
0790500605100	790 S6	Impact Sockets 1/2"; 790- 10, 13, 17, 19, 24 mm Impact Extension Bar 1/2''; 7901-125	1	1200
0790600605100	790 S6A	Impact Sockets 1/2"; 790A- 3/8, 1/2, 7/8, 3/4, 15/16'' AF Impact Extension Bar 1/2'': 7901-125	1	1200

790 S6LT

IMPACT SOCKET SET 1/2"

- for power tools
- in black metal storage case with OMS-hard foam insert
- square according to DIN 3121, form F and G, ISO1174
- tools made of special steel, phosphated

12,5
1/2"
mm

Code	Number	Contents	Pieces	Weight/g
0790520605100	790 S6LT	Impact Sockets, extra deep 1/2"; 790LT- 10, 13, 17, 19, 24 mm Impact Extension Bar 1/2"; 7901-125	1	1880

790 S12...

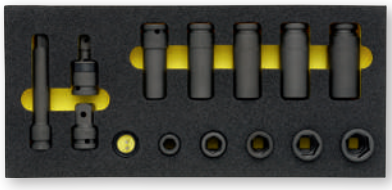
IMPACT SOCKET SET 1/2"

- for power tools
- in black metal storage case with OMS-hard foam insert
- square according to DIN 3121, form F and G, ISO1174
- tools made of special steel, phosphated

12,5
1/2"
mm
AF"

Code	Number	Contents	Pieces	Weight/g
0790501205100	790 S12	Impact Sockets, 1/2"; 790- 10, 11, 13, 14, 17, 19, 21, 22, 23, 24 mm Impact Extension Bar 1/2", 7901-125 Impact Universal Joint 1/2", 795-1/2	1	2400
0790601205100	790 S12A	Impact Sockets, 1/2"; 790A- 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 15/16, 1'' AF Impact Extension Bar 1/2", 7901-125 Impact Universal Joint 1/2", 795-1/2	1	2400

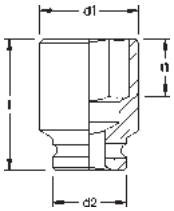
You will find the matching OMS-24 module on page no. 47



791-..., 791A-...

IMPACT SOCKET 3/4", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 20, ISO 1174
- according to DIN 3129, ISO 2725-2



20

3/4"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0791000175100	791-17	50	10	30	44	7913-37	7914-36	3	365
0791000195100	791-19	50	12	32,5	44	7913-37	7914-36	3	370
0791000215100	791-21	51	13	35	44	7913-37	7914-36	3	380
0791000225100	791-22	51	14	37,5	44	7913-37	7914-36	3	395
0791000245100	791-24	52	16	39	44	7913-37	7914-36	3	380
0791000255100	791-25	52	16	40	44	7913-37	7914-36	3	380
0791000265100	791-26	53	17	41,5	44	7913-37	7914-36	3	370
0791000275100	791-27	53	18	42,5	44	7913-37	7914-36	3	385
0791000285100	791-28	53	18	44	44	7913-37	7914-36	3	390
0791000295100	791-29	53	19	45	44	7913-37	7914-36	3	390
0791000305100	791-30	53	20	46,5	44	7913-37	7914-36	3	390
0791000325100	791-32	56	21	49	44	7913-37	7914-36	1	450
0791000335100	791-33	56	21	50	44	7913-37	7914-36	1	470
0791000345100	791-34	56	22	51,5	44	7913-37	7914-36	1	480
0791000365100	791-36	56	24	54	44	7913-37	7914-36	1	495
0791000385100	791-38	56	25	56,5	44	7913-37	7914-36	1	550
0791000415100	791-41	57	26	60	44	7913-37	7914-36	1	560
0791000465100	791-46	62	28	66,5	44	7913-37	7914-36	1	720

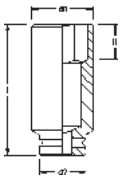
AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0791100285100	791A-3/4	50	12	31,5	44	7913-37	7914-36	3	370
0791100305100	791A-13/16	50	14	34	44	7913-37	7914-36	3	380
0791100315100	791A-7/8	50	16	36	44	7913-37	7914-36	3	395
0791100325100	791A-15/16	50	16	38	44	7913-37	7914-36	3	380
0791100345100	791A-1	53	18	40	44	7913-37	7914-36	3	380
0791100355100	791A-1.1/16	53	18	42	44	7913-37	7914-36	3	385
0791100365100	791A-1.1/8	53	20	44	44	7913-37	7914-36	3	390
0791100375100	791A-1.3/16	53	20	46	44	7913-37	7914-36	3	390
0791100385100	791A-1.1/4	56	20	48	44	7913-37	7914-36	1	450
0791100395100	791A-1.5/16	56	23	50	44	7913-37	7914-36	1	470
0791100405100	791A-1.3/8	56	23	52	44	7913-37	7914-36	1	480
0791100415100	791A-1.7/16	56	23	54	44	7913-37	7914-36	1	495
0791100425100	791A-1.1/2	56	25	56	44	7913-37	7914-36	1	530
0791100445100	791A-1.5/8	57	25	59	44	7913-37	7914-36	1	560
0791110455100	791A-1.11/16	57	29	63,5	44	7913-37	7914-36	1	720
0791110465100	791A-1.3/4	57	29	65	54	7913-45	7914-46	1	850
0791110485100	791A-1.7/8	62	29	68	54	7913-45	7914-46	1	950
0791110495100	791A-2	65	29	72	54	7913-45	7914-46	1	1040

791LT-...

IMPACT SOCKET 3/4", EXTRA DEEP, HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 20, ISO 1174
- inch sizes on request resp. see price list



20

3/4"

mm

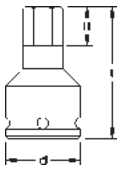
Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0791020175100	791LT-17	100	15	30	44	7913-37	7914-36	1	565
0791020195100	791LT-19	100	17	32,5	44	7913-37	7914-36	1	650
0791020225100	791LT-22	100	19	36,5	44	7913-37	7914-36	1	650
0791020245100	791LT-24	100	21	39	44	7913-37	7914-36	1	685
0791020275100	791LT-27	100	23	42,5	44	7913-37	7914-36	1	780
0791020305100	791LT-30	100	25	46,5	44	7913-37	7914-36	1	825
0791020325100	791LT-32	100	26	49	44	7913-37	7914-36	1	860
0791020335100	791LT-33	100	26	50	44	7913-37	7914-36	1	915
0791020345100	791LT-34	100	27	51,5	44	7913-37	7914-36	1	925
0791020365100	791LT-36	100	29	54	44	7913-37	7914-36	1	940
0791020385100	791LT-38	100	30	56,5	44	7913-37	7914-36	1	960
0791020415100	791LT-41	100	31	60	44	7913-37	7914-36	1	1120
0791020465100	791LT-46	100	33	66,5	44	7913-37	7914-36	1	1440
0791020505100	791LT-50	100	36	71,5	44	7913-37	7914-36	1	1630
0791020555100	791LT-55	100	38	77,5	44	7913-37	7914-36	1	1840
0791020605100	791LT-60	100	41	84	44	7913-37	7914-36	1	2060
0791020655100	791LT-65	100	41	90	44	7913-37	7914-36	1	2320

791IN-..., 791INA-...

IMPACT SOCKET 3/4"

- for power tools
- for inside hexagon screws
- with exchangeable blades
- special steel, phosphated
- female square according to DIN 3121-H 20, ISO 1174

mm



20

3/4"

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0791010105100	791IN-10	69	16	38	7913-37	7914-36	3	310
0791010125100	791IN-12	69	18	38	7913-37	7914-36	3	310
0791010145100	791IN-14	69	21	38	7913-37	7914-36	3	310
0791010175100	791IN-17	69	26	38	7913-37	7914-36	3	310
0791010195100	791IN-19	84	26	44	7913-37	7914-36	3	630
0791010225100	791IN-22	84	26	44	7913-37	7914-36	3	630
0791010245100	791IN-24	84	26	44	7913-37	7914-36	3	630

AF"

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0791110195100	791INA-3/8	72	16	38	7913-29	7914-28	3	310
0791110215100	791INA-7/16	72	18	38	7913-29	7914-28	3	310
0791110235100	791INA-1/2	72	19	38	7913-29	7914-28	3	310
0791110245100	791INA-9/16	72	21	38	7913-29	7914-28	3	310
0791110265100	791INA-5/8	74	24	38	7913-29	7914-28	3	310
0791110285100	791INA-3/4	84	26	44	7913-37	7914-36	3	630
0791110305100	791INA-13/16	84	26	44	7913-37	7914-36	3	630
0791110315100	791INA-7/8	84	26	44	7913-37	7914-36	3	630
0791110345100	791INA-1	91	30	44	7913-37	7914-36	3	630

7911-...

IMPACT EXTENSION BAR 3/4"

- for power tools
- special steel, phosphated
- square drive according to DIN 3121, form F and H, ISO 1174

20

3/4"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7911001755100	7911-175	175	7913-37	7914-36	1	810
7911002505100	7911-250	250	7913-37	7914-36	1	1105
7911003255100	7911-325	325	7913-37	7914-36	1	1320

795-3/4

IMPACT UNIVERSAL JOINT 3/4"

- for power tools
- special steel, phosphated
- square drive according to DIN 3121, Form F and H, ISO 1174

20

3/4"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0795100285100	795-3/4	105	7913-37	7914-36	1	700

7902-.../7912-.../7922-...

IMPACT ADAPTOR

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F, G and H, ISO 1174

20

3/4"

Code	Number	▢	■	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7902100285100	7902-3/4	1/2"	3/4"	50	7903-25	7904-24	3	162
7912100235100	7912-1/2	3/4"	1/2"	57	7913-37	7914-36	3	235
7912100345100	7912-1	3/4"	1"	62	7913-37	7914-36	3	340
7922100285100	7922-3/4	1"	3/4"	75	7923-42	7924-41	1	530

7913-.../7914-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKET 3/4"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

7913-...

7914-...

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7913000295100	7913-29	29	4,0	12	3,0
7913000375100	7913-37	37	4,0	12	3,8
7913000455100	7913-45	45	4,0	12	4,5
7914000285100	7914-28	-	28	12	1,2
7914000365100	7914-36	-	36	12	1,4
7914000465100	7914-46	-	46	12	1,6

791 S6LT

IMPACT SOCKET SET 3/4"

- for power tools
- in black metal storage case with OMS-hard foam insert
- female square drive according to DIN 3121-H 20, ISO1174
- tools made of special steel, phosphated

20

3/4"

mm

Code	Number	Contents	Pieces	Weight/g
0791520605100	791 S6LT	Impact Sockets, extra deep 3/4"; 791LT- 24, 27, 30, 32, 36, 41 mm	1	7120

791 S5...

IMPACT SOCKET SET 3/4"

- for power tools
- in black metal storage case with OMS-hard foam insert
- female square drive according to DIN 3121-H 20, ISO 1174
- tools made of special steel, phosphated

20

3/4"

mm

AF"

Code	Number	Contents	Pieces	Weight/g
0791500505100	791 S5	Impact Sockets 3/4"; 791- 19, 24, 27, 30, 32 mm	1	2800
0791600505100	791 S5A	Impact Sockets 3/4"; 791A- 3/4, 15/16, 1.1/16, 1-3/16, 1.5/16'' AF	1	2800

791 S10...

IMPACT SOCKET SET 3/4"

- for power tools
- in black metal storage case with OMS-hard foam insert
- female square drive according to DIN 3121-H 20, ISO1174
- tools made of special steel, phosphated

20

3/4"

mm

AF"

Code	Number	Contents	Pieces	Weight/g
0791501005100	791 S10	Impact Sockets 3/4": 791- 17, 19, 22, 24, 27, 30, 32, 36, 41, 46 mm	1	6160
0791601005100	791 S10A	Impact Sockets 3/4"; 791- 3/4, 7/8, 15/16, 1.1/16, 1.3/16, 1.5/16, 1.7/16, 1.5/8, 1.3/4, 1.7/8'' AF	1	6160

You will find the matching OMS-24 module on page no. 47

792-..., 792A-...

IMPACT SOCKET 1", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 25, ISO 1174
- according to DIN 3129, ISO 2725-2

25

1"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0792000195100	792-19	56	12	35,5	54	7923-45	7924-44	1	650
0792000215100	792-21	56	13	38	54	7923-45	7924-44	1	650
0792000225100	792-22	56	14	39,5	54	7923-45	7924-44	1	650
0792000245100	792-24	57	16	42	54	7923-45	7924-44	1	665
0792000255100	792-25	58	17	43	54	7923-45	7924-44	1	660
0792000265100	792-26	58	17	44,5	54	7923-45	7924-44	1	655
0792000275100	792-27	59	18	45,5	54	7923-45	7924-44	1	655
0792000285100	792-28	58	19	46	54	7923-45	7924-44	1	655
0792000295100	792-29	60	19	48	54	7923-45	7924-44	1	660
0792000305100	792-30	61	20	49,5	54	7923-45	7924-44	1	660
0792000325100	792-32	61	21	52	54	7923-45	7924-44	1	660
0792000335100	792-33	61	21	53	54	7923-45	7924-44	1	650
0792000345100	792-34	62	22	54,5	54	7923-45	7924-44	1	650
0792000365100	792-36	64	24	57	54	7923-45	7924-44	1	710
0792000385100	792-38	64	25	59,5	54	7923-45	7924-44	1	730
0792000415100	792-41	68	26	63	54	7923-45	7924-44	1	765
0792000425100	792-42	68	26	64,5	54	7923-45	7924-44	1	795
0792000465100	792-46	72	28	69,5	54	7923-45	7924-44	1	1025
0792000505100	792-50	76	31	74,5	54	7923-45	7924-44	1	1150
0792000525100	792-52	76	31	76	54	7923-45	7924-44	1	1170
0792000555100	792-55	80	33	80,5	54	7923-45	7924-44	1	1385
0792000605100	792-60	85	36	87	54	7923-45	7924-44	1	1660
0792000655100	792-65	90	39	93	54	7923-45	7924-44	1	1970
0792000705100	792-70	95	41	99,5	54	7923-45	7924-44	1	2280

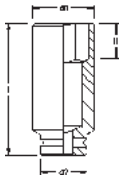
AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0792100285100	792A-3/4	55	9,5	35	54	7923-45	7924-44	1	600
0792100325100	792A-15/16	55	13	41	54	7923-45	7924-44	1	600
0792100345100	792A-1	55	13	43	54	7923-45	7924-44	1	600
0792100365100	792A-1.1/8	57	16,5	48	54	7923-45	7924-44	1	630
0792100385100	792A-1.1/4	57	17	51	54	7923-45	7924-44	1	630
0792100395100	792A-1.5/16	60	19	54	54	7923-45	7924-44	1	650
0792100405100	792A-1.3/8	60	19	54	54	7923-45	7924-44	1	650
0792100415100	792A-1.7/16	60	19	54	54	7923-45	7924-44	1	650
0792100425100	792A-1.1/2	64	22	60	54	7923-45	7924-44	1	760
0792100445100	792A-1.5/8	64	22	63	54	7923-45	7924-44	1	800
0792100475100	792A-1.13/16	69	25,5	70	54	7923-45	7924-44	1	1000
0792100485100	792A-1.7/8	72	27	70	54	7923-45	7924-44	1	1000
0792100495100	792A-2	72	27	73	54	7923-45	7924-44	1	1080
0792100525100	792A-2.3/16	80	32	82	54	7923-45	7924-44	1	1400
0792100535100	792A-2.1/4	80	33	82	54	7923-45	7924-44	1	1400

792LT-...

IMPACT SOCKET 1", EXTRA DEEP, HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 25, ISO 1174
- inch sizes on request resp. see price list



25

1"

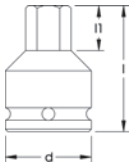
mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0792020215100	792LT-21	110	18	38	54	7923-45	7924-44	1	960
0792020225100	792LT-22	110	19	39,5	54	7923-45	7924-44	1	960
0792020245100	792LT-24	110	21	42	54	7923-45	7924-44	1	970
0792020275100	792LT-27	110	23	45,5	54	7923-45	7924-44	1	1015
0792020305100	792LT-30	110	25	49,5	54	7923-45	7924-44	1	1095
0792020325100	792LT-32	110	26	52	54	7923-45	7924-44	1	1165
0792020335100	792LT-33	110	26	53	54	7923-45	7924-44	1	1160
0792020345100	792LT-34	110	27	54,5	54	7923-45	7924-44	1	1200
0792020365100	792LT-36	110	29	57	54	7923-45	7924-44	1	1250
0792020385100	792LT-38	110	30	59,5	54	7923-45	7924-44	1	1350
0792020415100	792LT-41	110	31	63	54	7923-45	7924-44	1	1430
0792020465100	792LT-46	110	33	69,5	54	7923-45	7924-44	1	1770
0792020505100	792LT-50	110	36	74,5	54	7923-45	7924-44	1	1935
0792020555100	792LT-55	110	38	80,5	54	7923-45	7924-44	1	2000
0792020605100	792LT-60	110	41	87	54	7923-45	7924-44	1	2540
0792020655100	792LT-65	110	44	93	54	7923-45	7924-44	1	2750
0792020705100	792LT-70	110	46	99,5	54	7923-45	7924-44	1	3000
0792020755100	792LT-75	120	48	105,5	86	7933-75	7934-75	1	4790
0792020805100	792LT-80	125	51	112	86	7933-75	7934-75	1	5390
0792020855100	792LT-85	130	54	118	86	7933-75	7934-75	1	5990
0792020905100	792LT-90	135	57	124,5	86	7933-75	7934-75	1	6700
0792020955100	792LT-95	140	60	130,5	86	7933-75	7934-75	1	7410
0792021005100	792LT-100	140	63	137	86	7933-75	7934-75	1	7860

792IN-..., 792INA-...

IMPACT SOCKET 1"

- for power tools
- for inside hexagon screws
- with exchangeable blades
- special steel, phosphated
- female square drive according to DIN 3121-H 25, ISO 1174



25

1"

mm

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0792010105100	792IN-10	82	16	54	7923-45	7924-45	1	800
0792010125100	792IN-12	82	21	54	7923-45	7924-45	1	800
0792010145100	792IN-14	82	21	54	7923-45	7924-45	1	800
0792010175100	792IN-17	89	26	54	7923-45	7924-45	1	800
0792010195100	792IN-19	89	26	54	7923-45	7924-45	1	900
0792010225100	792IN-22	89	26	54	7923-45	7924-45	1	900
0792010245100	792IN-24	89	26	54	7923-45	7924-45	1	900
0792010275100	792IN-27	95	32	54	7923-45	7924-45	1	1000
0792010305100	792IN-30	100	38	54	7923-45	7924-45	1	1000
0792010325100	792IN-32	100	38	54	7923-45	7924-45	1	1000

AF"

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0792110235100	792INA-1/2	82	19	54	7923-45	7924-45	1	800
0792110245100	792INA-9/16	82	21	54	7923-45	7924-45	1	800
0792110265100	792INA-5/8	84	24	54	7923-45	7924-45	1	800
0792110285100	792INA-3/4	89	26	54	7923-45	7924-45	1	800
0792110305100	792INA-13/16	89	26	54	7923-45	7924-45	1	800
0792110315100	792INA-7/8	95	26	54	7923-45	7924-45	1	800
0792110345100	792INA-1	95	30	54	7923-45	7924-45	1	1000
0792110355100	792INA-1.1/16	95	32	54	7923-45	7924-45	1	1000
0792110365100	792INA-1.1/8	95	362	54	7923-45	7924-45	1	1000
0792110375100	792INA-1.3/16	100	36	54	7923-45	7924-45	1	1000
0792110385100	792INA-1.1/4	100	38	54	7923-45	7924-45	1	1000

7921-...

IMPACT EXTENSION BAR 1"

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and H, ISO 1174

25

1"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7921001755100	7921-175	175	7923-45	7924-44	1	1430
7921002505100	7921-250	250	7923-45	7924-44	1	1900
7921003255100	7921-325	325	7923-45	7924-44	1	2500

795-1

IMPACT UNIVERSAL JOINT 1"

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and H, ISO 1174

25

1"

Code	Number	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0795100345100	795-1	128	7923-51	7924-51	1	1675

7912-.../7922-.../7932-...

IMPACT ADAPTOR

- for power tools
- special steel, phosphated
- square according to DIN 3121, form F and H, ISO 1174

25

1"

Code	Number	○	■	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
7912100345100	7912-1	3/4"	1"	62	7913-37	7914-36	3	340
7922100285100	7922-3/4	1"	3/4"	75	7923-42	7924-41	1	530
7922100425100	7922-1.1/2	1"	1.1/2"	80	7923-45	7924-44	1	850
7932100345100	7932-1	1.1/2"	1"	95	7933-67	7934-67	1	1890

7923-.../7924-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKET 1"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

7923-...

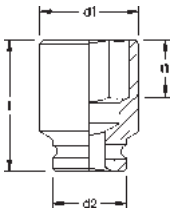
7924-...

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7923000425100	7923-42	42	5,0	12	6,5
7923000455100	7923-45	45	5,0	12	7,0
7923000515100	7923-51	51	5,0	12	8,0
7924000415100	7924-41	-	41	12	4,0
7924000445100	7924-44	-	44	12	5,0
7924000455100	7924-45	-	45	12	5,5
7924000515100	7924-51	-	51	12	6,0

793-..., 793A-...

IMPACT SOCKET 1.1/2", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 40, ISO1174
- according to DIN 3129, ISO 2725-2



40

1.1/2"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793000365100	793-36	80	19	64	86	7933-75	7934-75	1	2200
0793000415100	793-41	80	22	70	86	7933-75	7934-75	1	2200
0793000465100	793-46	80	25,5	75	86	7933-75	7934-75	1	2200
0793000505100	793-50	82	27	80	86	7933-75	7934-75	1	2300
0793000555100	793-55	89	30	86	86	7933-75	7934-75	1	2500
0793000605100	793-60	92	33	92	86	7933-75	7934-75	1	2800
0793000655100	793-65	96	35	100	86	7933-75	7934-75	1	3350
0793000705100	793-70	101	38	105	86	7933-75	7934-75	1	3600
0793000755100	793-75	105	41	109	86	7933-75	7934-75	1	3900
0793000805100	793-80	110	44	115	86	7933-75	7934-75	1	4500
0793000855100	793-85	116	47	121	86	7933-75	7934-75	1	5100
0793000905100	793-90	118	49	130	86	7933-75	7934-75	1	5600
0793000955100	793-95	118	49	135	127	7933-116	7934-116	1	7900
0793001005100	793-100	125	54	140	127	7933-116	7934-116	1	8500
0793001055100	793-105	125	54	150	127	7933-116	7934-116	1	9500
0793001105100	793-110	137	62	155	127	7933-116	7934-116	1	10400
0793001155100	793-115	137	67	160	127	7933-116	7934-116	1	11500
0793001205100	793-120	145	67	165	127	7933-116	7934-116	1	12000
0793001255100	793-125	145	67	180	127	7933-116	7934-116	1	12200

AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793100395100	793A-1.5/16	75	19	60	86	7933-75	7934-75	1	1800
0793100405100	793A-1.3/8	75	19	60	86	7933-75	7934-75	1	1800
0793100415100	793A-1.7/16	80	19	64	86	7933-75	7934-75	1	2200
0793100425100	793A-1.1/2	80	22	64	86	7933-75	7934-75	1	2200
0793100435100	793A-1.9/16	80	22	70	86	7933-75	7934-75	1	2200
0793100445100	793A-1.5/8	80	22	70	86	7933-75	7934-75	1	2200
0793100455100	793A-1.11/16	80	25	75	86	7933-75	7934-75	1	2200
0793100465100	793A-1.3/4	80	25,5	75	86	7933-75	7934-75	1	2200
0793100475100	793A-1.13/16	80	25,5	75	86	7933-75	7934-75	1	2200
0793100485100	793A-1.7/8	82	27	80	86	7933-75	7934-75	1	2300
0793100485101	793A-1.15/16	82	27	80	86	7933-75	7934-75	1	2300
0793100495100	793A-2	82	27	80	86	7933-75	7934-75	1	2300
0793100505100	793A-2.1/16	89	30	86	86	7933-75	7934-75	1	2500
0793100515100	793A-2.1/8	89	30	86	86	7933-75	7934-75	1	2500
0793100525100	793A-2.3/16	92	32	86	86	7933-75	7934-75	1	2500
0793100535100	793A-2.1/4	92	32,5	86	86	7933-75	7934-75	1	2500
0793100545100	793A-2.5/16	92	33	92	86	7933-75	7934-75	1	2800
0793100555100	793A-2.3/8	96	35	92	86	7933-75	7934-75	1	2800
0793100565100	793A-2.7/16	96	35	96	86	7933-75	7934-75	1	3200
0793100575100	793A-2.1/2	96	35	100	86	7933-75	7934-75	1	3350
0793100585100	793A-2.9/16	96	35	100	86	7933-75	7934-75	1	3350
0793100595100	793A-2.5/8	100	38	101	86	7933-75	7934-75	1	3350
0793100595101	793A-2.11/16	101	38	101	86	7933-75	7934-75	1	3600
0793100605100	793A-2.3/4	101	38	105	86	7933-75	7934-75	1	3600
0793100615100	793A-2.13/16	105	40	109	86	7933-75	7934-75	1	3900
0793100615101	793A-2.7/8	105	41	109	86	7933-75	7934-75	1	3900
0793100625100	793A-2.15/16	105	41	109	86	7933-75	7934-75	1	3900
0793100635100	793A-3	110	44	115	86	7933-75	7934-75	1	4500
0793100635101	793A-3.1/16	110	44	115	86	7933-75	7934-75	1	4500
0793100645100	793A-3.1/8	110	44	115	86	7933-75	7934-75	1	4500
0793100645101	793A-3.3/16	110	44	115	86	7933-75	7934-75	1	5100
0793100655100	793A-3.1/4	116	47	121	86	7933-75	7934-75	1	5100

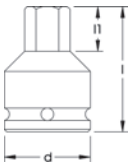
to be continued next page

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793100655101	793A-3.5/16	116	47	121	86	7933-75	7934-75	1	5100
0793100665100	793A-3.3/8	116	49	127	86	7933-75	7934-75	1	5500
0793100665101	793A-3.7/16	118	49	127	86	7933-75	7934-75	1	5500
0793100675100	793A-3.1/2	118	49	130	86	7933-75	7934-75	1	5600
0793100675101	793A-3.9/16	118	49	130	86	7933-75	7934-75	1	5600
0793100685100	793A-3.5/8	118	49	135	127	7933-116	7934-116	1	7900
0793100685101	793A-3.11/16	118	49	135	127	7933-116	7934-116	1	7900
0793100695100	793A-3.3/4	118	49	135	127	7933-116	7934-116	1	7900
0793100695101	793A-3.13/16	125	54	140	127	7933-116	7934-116	1	8500
0793100705100	793A-3.7/8	125	54	140	127	7933-116	7934-116	1	8500
0793100705101	793A-3.15/16	125	54	140	127	7933-116	7934-116	1	8500
0793100715100	793A-4	125	54	145	127	7933-116	7934-116	1	9000
0793100715101	793A-4.1/16	125	54	145	127	7933-116	7934-116	1	9000
0793100725100	793A-4.1/8	125	54	150	127	7933-116	7934-116	1	9500
0793100725101	793A-4.3/16	137	62	150	127	7933-116	7934-116	1	10200
0793100735100	793A-4.1/4	137	62	150	127	7933-116	7934-116	1	10200
0793100735102	793A-4.3/8	137	62	155	127	7933-116	7934-116	1	10400
0793100735101	793A-4.5/16	137	62	155	127	7933-116	7934-116	1	10400
0793100735103	793A-4.7/16	137	62	155	127	7933-116	7934-116	1	10400
0793100745100	793A-4.1/2	137	62	160	127	7933-116	7934-116	1	11500
0793100755100	793A-4.5/8	143	67	165	127	7933-116	7934-116	1	12000
0793100755101	793A-4.3/4	145	67	165	127	7933-116	7934-116	1	12000
0793100765100	793A-4.7/8	145	67	170	127	7933-116	7934-116	1	12200
0793100775100	793A-5	150	72	180	127	7933-116	7934-116	1	14800
0793100775101	793A-5.1/8	158	76	180	127	7933-116	7934-116	1	14800

793IN-..., 793INA-...

IMPACT SOCKET 1.1/2"

- for power tools
- for inside hexagon screws
- with exchangeable blades
- special steel, phosphated
- female square drive according to DIN 3121-H 40, ISO 1174



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1.1/2"

mm

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793010245100	793IN-24	120	24	86	7933-75	7934-75	1	2600
0793010275100	793IN-27	120	27	86	7933-75	7934-75	1	2600
0793010305100	793IN-30	125	30	86	7933-75	7934-75	1	2800
0793010325100	793IN-32	125	32	86	7933-75	7934-75	1	2800
0793010365100	793IN-36	145	36	86	7933-75	7934-75	1	3400
0793010415100	793IN-41	145	41	86	7933-75	7934-75	1	3520
0793010465100	793IN-46	155	46	86	7933-75	7934-75	1	4700
0793010505100	793IN-50	155	50	86	7933-75	7934-75	1	4900
0793010555100	793IN-55	155	55	86	7933-75	7934-75	1	5100

AF"

Code	Number	l/mm	l1 mm	d mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793110345100	793INA-1	120	25	86	7933-75	7934-75	1	2600
0793110365100	793INA-1.1/8	120	28	86	7933-75	7934-75	1	2600
0793110385100	793INA-1.1/4	125	32	86	7933-75	7934-75	1	2600
0793110405100	793INA-1.3/8	145	35	86	7933-75	7934-75	1	3400
0793110425100	793INA-1.1/2	145	38	86	7933-75	7934-75	1	3400
0793110445100	793INA-1.5/8	145	41	86	7933-75	7934-75	1	3520
0793110465100	793INA-1.3/4	155	44	86	7933-75	7934-75	1	3520
0793110475100	793INA-1.13/16	155	46	86	7933-75	7934-75	1	4700
0793110485100	793INA-1.7/8	155	48	86	7933-75	7934-75	1	4900
0793110495100	793INA-2	155	51	86	7933-75	7934-75	1	4900
0793110515100	793INA-2.1/8	155	54	86	7933-75	7934-75	1	5100

7933-.../7934-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKET 1.1/2"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7933000675100	7933-67	67	6,0	12	15,0
7933000755100	7933-75	75	6,0	12	15,0
7933001165100	7933-116	116	6,0	12	25,0
7934000675100	7934-67	-	67	12	8,0
7934000755100	7934-75	-	75	12	8,0
7934001165100	7934-116	-	116	12	15,0

793LT-..., 793LTA-...

IMPACT SOCKET 1.1/2", EXTRA DEEP, HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 40, ISO 1174

40

1.1/2"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793020415100	793LT-41	140	22	70	86	7933-75	7934-75	1	4500
0793020465100	793LT-46	140	25,5	75	86	7933-75	7934-75	1	4500
0793020505100	793LT-50	140	27	80	86	7933-75	7934-75	1	4500
0793020555100	793LT-55	140	30	86	86	7933-75	7934-75	1	4500
0793020605100	793LT-60	140	33	92	86	7933-75	7934-75	1	4600
0793020655100	793LT-65	140	35	100	86	7933-75	7934-75	1	4900
0793020705100	793LT-70	140	38	105	86	7933-75	7934-75	1	5000
0793020755100	793LT-75	140	41	109	86	7933-75	7934-75	1	5600
0793020805100	793LT-80	140	44	115	86	7933-75	7934-75	1	5900
0793020855100	793LT-85	140	47	121	86	7933-75	7934-75	1	6200
0793020905100	793LT-90	140	49	130	86	7933-75	7934-75	1	6800
0793020955100	793LT-95	150	49	135	127	7933-116	7934-116	1	9900
0793021005100	793LT-100	150	54	140	127	7933-116	7934-116	1	10700
0793021055100	793LT-105	150	54	150	127	7933-116	7934-116	1	11900
0793021105100	793LT-110	160	62	155	127	7933-116	7934-116	1	12500
0793021155100	793LT-115	160	67	160	127	7933-116	7934-116	1	13200
0793021205100	793LT-120	170	67	165	127	7933-116	7934-116	1	14300

Further sizes on request

AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793120435100	793LTA-1.9/16	140	22	70	86	7934-75	7933-75	1	4500
0793120445100	793LTA-1.5/8	140	22	70	86	7934-75	7933-75	1	4500
0793120455100	793LTA-1.11/16	140	25	75	86	7934-75	7933-75	1	4500
0793120465100	793LTA-1.3/4	140	25,5	75	86	7934-75	7933-75	1	4500
0793120475100	793LTA-1.13/16	140	25,5	75	86	7934-75	7933-75	1	4500
0793120485100	793LTA-1.7/8	140	27	80	86	7934-75	7933-75	1	4500
0793120495100	793LTA-2	140	27	80	86	7934-75	7933-75	1	4500

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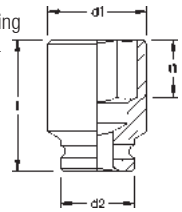
Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0793120505100	793LTA-2.1/16	140	30	86	86	7934-75	7933-75	1	4500
0793120525100	793LTA-2.3/16	140	32	86	86	7934-75	7933-75	1	4500
0793120535100	793LTA-2.1/4	140	32,5	86	86	7934-75	7933-75	1	4500
0793120555100	793LTA-2.3/8	140	35	92	86	7934-75	7933-75	1	4600
0793120585100	793LTA-2.9/16	140	35	100	86	7934-75	7933-75	1	4900
0793120595100	793LTA-2.5/8	140	38	100	86	7934-75	7933-75	1	4900
0793120605100	793LTA-2.3/4	140	38	105	86	7934-75	7933-75	1	5000
0793120615101	793LTA-2.7/8	140	41	109	86	7934-75	7933-75	1	5600
0793120625100	793LTA-2.15/16	140	41	109	86	7934-75	7933-75	1	5600
0793120635100	793LTA-3	140	44	115	86	7934-75	7933-75	1	5900
0793120645100	793LTA-3.1/8	140	44	115	86	7934-75	7933-75	1	5900
0793120665100	793LTA-3.3/8	140	49	127	86	7934-75	7933-75	1	6600
0793120665101	793LTA-3.7/16	140	49	127	86	7934-75	7933-75	1	6600
0793120675100	793LTA-3.1/2	140	49	130	86	7934-75	7933-75	1	9900
0793120685100	793LTA-3.5/8	140	49	135	127	7934-116	7933-116	1	9900
0793120695100	793LTA-3.3/4	150	49	135	127	7934-116	7933-116	1	9900
0793120695101	793LTA-3.13/16	150	54	140	127	7934-116	7933-116	1	10700
0793120705100	793LTA-3.7/8	150	54	140	127	7934-116	7933-116	1	10700
0793120715100	793LTA-4	150	54	145	127	7934-116	7933-116	1	11200
0793120725100	793LTA-4.1/8	150	54	150	127	7934-116	7933-116	1	11900
0793120735100	793LTA-4.1/4	160	62	150	127	7934-116	7933-116	1	11900
0793120745100	793LTA-4.1/2	160	62	160	127	7934-116	7933-116	1	13200
0793120755100	793LTA-4.5/8	170	67	165	127	7934-116	7933-116	1	14300
0793120775100	793LTA-5	180	72	180	127	7934-116	7933-116	1	18200
0793120795100	793LTA-5.3/8	185	76	190	127	7934-116	7933-116	1	19000
Further sizes on request									

You will find the matching automotive special sockets on page no. 436

794-..., 794A-...

IMPACT SOCKET 2.1/2", HEXAGON

- for power tools
- special steel, phosphated
- female square drive according to DIN 3121-H 63, ISO1174
- according to DIN 3129, ISO 2725-2



63

2.1/2"

mm

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0794000415100	794-41	115	21,5	104	127	7935-110	7936-114	1	7000
0794000465100	794-46	115	25,5	104	127	7935-110	7936-114	1	7000
0794000505100	794-50	115	27	104	127	7935-110	7936-114	1	7000
0794000555100	794-55	115	30	104	127	7935-110	7936-114	1	7000
0794000605100	794-60	115	35	104	127	7935-110	7936-114	1	7000
0794000655100	794-65	115	35	104	127	7935-110	7936-114	1	7000
0794000705100	794-70	115	38	104	127	7935-110	7936-114	1	7000
0794000755100	794-75	125	41	115	127	7935-110	7936-114	1	7600
0794000805100	794-80	125	44	115	127	7935-110	7936-114	1	7600
0794000855100	794-85	130	47	127	127	7935-110	7936-114	1	8000
0794000905100	794-90	132	49	135	127	7935-110	7936-114	1	8100
0794000955100	794-95	132	49	140	127	7935-110	7936-114	1	8200
0794001005100	794-100	141	54	145	127	7935-110	7936-114	1	9000
0794001055100	794-105	141	54	150	127	7935-110	7936-114	1	9600
0794001105100	794-110	150	62	160	127	7935-110	7936-114	1	11000
0794001155100	794-115	150	62	165	127	7935-110	7936-114	1	11500
0794001205100	794-120	158	67	170	127	7935-110	7936-114	1	12000
0794001255100	794-125	158	67	170	127	7935-110	7936-114	1	12000
0794001305100	794-130	174	76	180	127	7935-110	7936-114	1	14100
0794001355100	794-135	174	76	190	127	7935-110	7936-114	1	17000
0794001405100	794-140	176	79	190	127	7935-110	7936-114	1	17000
0794001455100	794-145	182	83	200	150	7935-133	7936-136	1	20000
0794001505100	794-150	190	88	210	150	7935-133	7936-136	1	22000
0794001555100	794-155	190	88	210	150	7935-133	7936-136	1	22000
0794001605100	794-160	194	91	220	150	7935-133	7936-136	1	23000

Further sizes on request

AF"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0794100445100	794A-1.5/8	115	21,5	104	127	7935-110	7936-114	1	7000
0794100455100	794A-1.11/16	115	25	104	127	7935-110	7936-114	1	7000
0794100465100	794A-1.3/4	115	25,5	104	127	7935-110	7936-114	1	7000
0794100475100	794A-1.13/16	115	25,5	104	127	7935-110	7936-114	1	7000
0794100485100	794A-1.7/8	115	27	104	127	7935-110	7936-114	1	7000
0794100485101	794A-1.15/16	115	27	104	127	7935-110	7936-114	1	7000
0794100495100	794A-2	115	27	104	127	7935-110	7936-114	1	7000
0794100505100	794A-2.1/16	115	30	104	127	7935-110	7936-114	1	7000
0794100515100	794A-2.1/8	115	30	104	127	7935-110	7936-114	1	7000
0794100525100	794A-2.3/16	115	32	104	127	7935-110	7936-114	1	7000
0794100535100	794A-2.1/4	115	32,5	104	127	7935-110	7936-114	1	7000
0794100545100	794A-2.5/16	115	33	104	127	7935-110	7936-114	1	7000
0794100555100	794A-2.3/8	115	35	104	127	7935-110	7936-114	1	7000
0794100565100	794A-2.7/16	115	35	104	127	7935-110	7936-114	1	7000
0794100575100	794A-2.1/2	115	35	104	127	7935-110	7936-114	1	7000
0794100585100	794A-2.9/16	115	35	104	127	7935-110	7936-114	1	7000

to be continued next page

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0794100595100	794A-2.5/8	115	38	104	127	7935-110	7936-114	1	7000
0794100595101	794A-2.11/16	115	38	104	127	7935-110	7936-114	1	7000
0794100605100	794A-2.3/4	115	38	104	127	7935-110	7936-114	1	7000
0794100615100	794A-2.13/16	125	40	115	127	7935-110	7936-114	1	7600
0794100615101	794A-2.7/8	125	41	115	127	7935-110	7936-114	1	7600
0794100625100	794A-2.15/16	125	41	115	127	7935-110	7936-114	1	7600
0794100635100	794A-3	125	44	115	127	7935-110	7936-114	1	7600
0794100645100	794A-3.1/8	125	44	127	127	7935-110	7936-114	1	7600
0794100655100	794A-3.1/4	130	47	127	127	7935-110	7936-114	1	8000
0794100665101	794A-3.7/16	132	49	135	127	7935-110	7936-114	1	8100
0794100675100	794A-3.1/2	132	49	135	127	7935-110	7936-114	1	8100
0794100685100	794A-3.5/8	132	49	135	127	7935-110	7936-114	1	8100
0794100695100	794A-3.3/4	132	49	140	127	7935-110	7936-114	1	8200
0794100705100	794A-3.7/8	141	54	145	127	7935-110	7936-114	1	9000
0794100715100	794A-4	141	54	150	127	7935-110	7936-114	1	9600
0794100715101	794A-4.1/16	141	54	150	127	7935-110	7936-114	1	9600
0794100725100	794A-4.1/8	141	54	150	127	7935-110	7936-114	1	9600
0794100735100	794A-4.1/4	150	62	155	127	7935-110	7936-114	1	10500
0794100745100	794A-4.1/2	150	62	165	127	7935-110	7936-114	1	11300
0794100755100	794A-4.5/8	158	67	170	127	7935-110	7936-114	1	12000
0794100755101	794A-4.3/4	158	67	170	127	7935-110	7936-114	1	12000
0794100765100	794A-4.7/8	158	67	170	127	7935-110	7936-114	1	12000
0794100775100	794A-5	165	72	180	127	7935-110	7936-114	1	14100
0794100775101	794A-5.1/8	174	76	180	127	7935-110	7936-114	1	14100
0794100785100	794A-5.1/4	174	76	190	127	7935-110	7936-114	1	17000
0794100795100	794A-5.3/8	174	76	190	127	7935-110	7936-114	1	17000
0794100805100	794A-5.5/8	182	83	200	150	7935-133	7936-136	1	20000
0794100815100	794A-5.3/4	182	83	200	150	7935-133	7936-136	1	20000
Further sizes on request									

7935-.../7936-...

IMPACT LOCKING PIN AND RING FOR IMPACT SOCKETS 2.1/2"

- for locking impact sockets and operating tools
- locking pin made of alloyed special steel
- locking ring made of rubber elastic and oil resistant material

7935-... 7936-...

Code	Number	l/mm	mm Ø	Pieces	Weight/g
7935001105100	7935-110	110	8,0	12	30
7935001335100	7935-133	133	8,0	12	50
7936001145100	7936-114	-	114	12	45
7936001365100	7936-136	-	136	12	50

4100-IS...

SCREWDRIVER BIT 1/4"

- for plain slotted screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 E 6,3, DIN ISO 1173
- according to DIN ISO 2351-1

6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
4100005045200	4100-IS 0,5x4	50	12	8
4100008045200	4100-IS 0,8x4	50	12	9
4100016085200	4100-IS 1,6x8	50	12	15
4100016095200	4100-IS 1,6x9	50	12	16
4100016115200	4100-IS 1,6x11	50	12	20
4100020125200	4100-IS 2x12	50	12	22

4120-PH...

SCREWDRIVER BIT 1/4"

- for cross slotted screws PH
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 E 6,3, DIN ISO 1173
- according to DIN ISO 2351-2, tip according to DIN ISO 8764-1 PH

6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
4120000005200	4120-PH 0	50	12	7,6
4120000015200	4120-PH 1	50	12	8,8
4120000025200	4120-PH 2	50	12	10,0
4120000035200	4120-PH 3	50	12	12,0

4130-PZ...

SCREWDRIVER BIT 1/4"

- for cross slotted screws PZ
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 E 6,3, DIN ISO 1173
- according to DIN ISO 2351-2, tip according to DIN ISO 8764-1 PZ

6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
4130000005200	4130-PZ 0	50	12	7,6
4130000015200	4130-PZ 1	50	12	8,8
4130000025200	4130-PZ 2	50	12	10,8
4130000035200	4130-PZ 3	50	12	12,4
4130000045200	4130-PZ 4	50	12	18,0

4110-IN

SCREWDRIVER BIT 1/4"

- for inside hexagon screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 E 6,3, DIN ISO 1173
- according to DIN ISO 2351-3

6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
4110000305200	4110-IN 3	50	12	8,4
4110000405200	4110-IN 4	50	12	10,8
4110000505200	4110-IN 5	50	12	11,2
4110000605200	4110-IN 6	50	12	12,8
4110000705200	4110-IN 7	50	12	15,2
4110000805200	4110-IN 8	50	12	16,5
4110001005200	4110-IN 10	50	12	22,4

4160-TX...

SCREWDRIVER BIT 1/4"

- for inside TORX® screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 E 6,3, DIN ISO 1173
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3 | 1/4"

Code	Number	mm	l/mm	Pieces	Weight/g
4160000105200	4160-TX10	2,74	70	6	10,4
4160000155200	4160-TX15	3,27	70	6	10,4
4160000205200	4160-TX20	3,86	70	6	11,6
4160000255200	4160-TX25	4,43	70	6	14,8
4160000275200	4160-TX27	4,99	70	6	13,2
4160000305200	4160-TX30	5,52	70	6	15,2
4160000405200	4160-TX40	6,65	70	6	17,6

3000-IS...

SCREWDRIVER BIT 1/4"

- for plain slotted screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, DIN ISO 1173
- according to DIN ISO 2351-1

6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
3000005035200	3000-IS 0,5x 3	39	12	5
3000005045200	3000-IS 0,5x 4	39	12	5,3
3000006355200	3000-IS 0,6x3,5	39	12	6
3000006045200	3000-IS 0,6x4	39	12	5,5
3000006455200	3000-IS 0,6x4,5	39	12	7
3000008045200	3000-IS 0,8x4	39	12	7
3000008555200	3000-IS 0,8x5,5	39	12	7
3000010555200	3000-IS 1,0x5,5	39	12	7,5
3000012655200	3000-IS 1,2x6,5	39	12	11,6
3000012085200	3000-IS 1,2x8	39	12	8,7
3000016085200	3000-IS 1,6x8	39	12	11,6
3000016105200	3000-IS 1,6x10	39	12	15,6

3020-PH...

SCREWDRIVER BIT 1/4"

- for cross slotted screws PH
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, DIN ISO 1173
- according to ISO 2351-2, tip according to DIN ISO 8764-1 PH

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
3020001255200	3020-PH 1x25	25	12	4,8
3020002255200	3020-PH 2x25	25	12	5,2
3020002325200	3020-PH 2x32	32	12	6,9
3020002505200	3020-PH 2x50	50	12	11,6
3020003255200	3020-PH 3x25	25	12	5,2
3020003325200	3020-PH 3x32	32	12	7,2

3010-IN...

SCREWDRIVER BIT 1/4"

- for inside hexagon screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, ISO 1173
- according to DIN ISO 2351-3

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
3010000305200	3010-IN 3	25	12	5
3010000405200	3010-IN 4	25	12	5
3010000505200	3010-IN 5	25	12	5,4
3010000605200	3010-IN 6	25	12	6,0
3010001005200	3010-IN 10	25	12	11,2

3070-TTX...

SCREWDRIVER BIT 1/4"

- for inside-TORX® safety screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, ISO 1173
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	l/mm	mm	Pieces	Weight/g
3070000105200	3070-TTX 10	26	2,74	12	4,4
3070000155200	3070-TTX 15	26	3,27	12	4,6
3070000205200	3070-TTX 20	26	3,86	12	4,6
3070000255200	3070-TTX 25	26	4,43	12	5
3070000275200	3070-TTX 27	26	4,99	12	5,4
3070000305200	3070-TTX 30	26	5,52	12	5,4
3070000405200	3070-TTX 40	26	6,65	12	6

3021-PZ...

SCREWDRIVER BIT 1/4"

- for cross slotted screws PZ
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, ISO 1173
- according to ISO 2351-2, tip according to DIN ISO 8764-1 PZ

6,3

1/4"

Code	Number	l/mm	Pieces	Weight/g
3021001255200	3021-PZ 1x25	25	12	5,5
3021002255200	3021-PZ 2x25	25	12	5,6
3021002505200	3021-PZ 2x50	50	12	12
3021003255200	3021-PZ 3x25	25	12	5,6
3021003325200	3021-PZ 3x32	32	12	7,4

3050-TX...

SCREWDRIVER BIT 1/4"

- for inside TORX® screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, ISO 1173
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

1/4"

Code	Number	mm	l/mm	Pieces	Weight/g
3050000065200	3050-TX 6	1,69	25	12	4,2
3050000075200	3050-TX 7	1,99	25	12	4,3
3050000085200	3050-TX 8	2,31	25	12	4,4
3050000095200	3050-TX 9	2,5	25	12	4,4
3050000105200	3050-TX 10	2,74	25	12	4,5
3050000155200	3050-TX 15	3,27	25	12	4,6
3050000205200	3050-TX 20	3,86	25	12	5
3050000255200	3050-TX 25	4,43	25	12	5,2
3050000275200	3050-TX 27	4,99	25	12	5,4
3050000305200	3050-TX 30	5,52	25	12	5,6
3050000405200	3050-TX 40	6,65	25	12	6,4

3050-IPR...

SCREWDRIVER BIT 1/4"

- for TORX Plus® IPR-screws
- ELORA-Chrom-Molybdän-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, ISO 1173
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

6,3

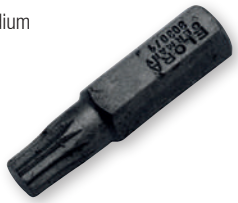
1/4"

Code	Number	l/mm	Pieces	Weight/g
3050000105300	3050-IPR 10	25	12	4,5
3050000155300	3050-IPR 15	25	12	4,6
3050000205300	3050-IPR 20	25	12	5,0
3050000255300	3050-IPR 25	25	12	5,2
3050000275300	3050-IPR 27	25	12	5,4
3050000305300	3050-IPR 30	25	12	5,6
3050000405300	3050-IPR 40	25	12	6,4

3030-XZN...

SCREWDRIVER BIT 1/4"

- for inside multi-point B&S and XZN screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 6,3, ISO 1173



6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
3030000055200	3030-XZN M5	25	12	5,2
3030000065200	3030-XZN M6	25	12	5,6

3040-RIB...

SCREWDRIVER BIT 1/4"

- for RIBE®-CV-screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3126 C 6,3, ISO 1173
- RIBE® = reg. trademark of Richard Bergner GmbH & Co KG, Schwabach

6,3 | 1/4"

Code	Number	l/mm	Pieces	Weight/g
3040000055200	3040-RIB M5	32	12	5,0
3040000065200	3040-RIB M6	32	12	6,8
3040000085200	3040-RIB M8	32	12	10,0
3040000105200	3040-RIB M10	32	12	13,2

3080-...

DOUBLE FUNCTION SCREWDRIVER BIT 1/4"

- PH: cross-slotted head screws PH
- PZ: cross-slotted head screws PZ
- 1/4" hexagonal shank
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2/ 1.2381

6,3 | 1/4"

Code	Number	⊖	l/mm	Pieces	Weight/g
3080010015260	3080-PH 1	0,6x4,5	60	12	13
3080010025260	3080-PH 2	0,8x5,5	60	12	14
3080010035260	3080-PH 3	1,0x7,0	60	12	16
3080020015260	3080-PZ 1	0,6x4,5	60	12	13
3080020025260	3080-PZ 2	0,8x5,5	60	12	14
3080020035260	3080-PZ 3	1,0x7,0	60	12	16

3100-IS...

SCREWDRIVER BIT 5/16"

- for plain slotted screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3126 C 8, DIN ISO 1173
- according to DIN ISO 2351-1

8 | 5/16"

Code	Number	l/mm	Pieces	Weight/g
3100008555200	3100-IS 0,8x5,5	41	12	9,6
3100010555200	3100-IS 1x5,5	41	12	10,4
3100012655200	3100-IS 1,2x6,5	41	12	12,4
3100012805200	3100-IS 1,2x8,0	41	12	16
3100016805200	3100-IS 1,6x8,0	41	12	16
3100020125200	3100-IS 2,0x12	41	12	24
3100025145200	3100-IS 2,5x14	41	12	30

3120-PH...

SCREWDRIVER BIT 5/16"

- for cross slotted screws PH
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3126 C 8, DIN ISO 1173
- according to DIN ISO 2351-2, tip according to DIN ISO 8764-1 PH

8 | 5/16"

Code	Number	l/mm	Pieces	Weight/g
3120001325200	3120-PH 1x32	32	12	10
3120002325200	3120-PH 2x32	32	12	10
3120003325200	3120-PH 3x32	32	12	11
3120004325200	3120-PH 4x32	32	12	11,5
3120004385200	3120-PH 4x38	38	12	17

3121-PZ...

SCREWDRIVER BIT 5/16"

- for cross slotted screws PZ
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon according to DIN 3126 C 8, DIN ISO 1173
- according to DIN ISO 2351-2, tip according to DIN ISO 8764-1 PZ

8 | 5/16"

Code	Number	l/mm	Pieces	Weight/g
3121000015200	3121-PZ 1	32	12	10
3121000025200	3121-PZ 2	32	12	10
3121000035200	3121-PZ 3	32	12	10,4
3121000045200	3121-PZ 4	32	12	13,2

3110-IN...

SCREWDRIVER BIT 5/16"

- for inside hexagon screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3126 C 8, DIN ISO 1173
- according to DIN ISO 2351-3

8

5/16"

Code	Number	l/mm	Pieces	Weight/g
3110000035200	3110-IN 3	30	12	7,6
3110000045200	3110-IN 4	30	12	9,6
3110000055200	3110-IN 5	30	12	8,9
3110000065200	3110-IN 6	30	12	10,4
3110000085200	3110-IN 8	30	12	12
3110000105200	3110-IN 10	30	12	14,4

3130-XZN...

SCREWDRIVER BIT 5/16"

- for inside multi-point B&S and XZN screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3126 C 8, DIN ISO 1173

8

5/16"

Code	Number	l/mm	Pieces	Weight/g
3130000055200	3130-XZN 5	28	12	8,4
3130000065200	3130-XZN 6	28	12	8,4
3130000085200	3130-XZN 8	28	12	9,6
3130000105200	3130-XZN 10	32	12	10,4
3130000125200	3130-XZN 12	36	12	22
3130000145200	3130-XZN 14	36	12	31

3150-TX...

SCREWDRIVER BIT 5/16"

- for inside TORX® screws
- ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3128 C 8, DIN ISO 1173
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

8

5/16"

Code	Number	mm	l/mm	Pieces	Weight/g
3150000255200	3150-TX 25	4,43	35	12	10,2
3150000275200	3150-TX 27	4,99	35	12	10,4
3150000305200	3150-TX 30	5,52	35	12	10,8
3150000405200	3150-TX 40	6,65	35	12	11,8
3150000455200	3150-TX 45	7,82	35	12	12,9
3150000505200	3150-TX 50	8,83	35	12	14,4
3150000555200	3150-TX 55	11,22	35	12	20,4

3170-TTX...

SCREWDRIVER BIT 5/16"

- for inside-TORX® safety screws
- ELORA Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- male hexagon drive according to DIN 3126 C 8, DIN ISO 1173
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

8

5/16"

Code	Number	mm	l/mm	Pieces	Weight/g
3170000255200	3170-TTX 25	4,43	35	12	10
3170000275200	3170-TTX 27	4,99	35	12	10
3170000305200	3170-TTX 30	5,52	35	12	11
3170000505200	3170-TTX 50	8,83	35	12	14
3170000555200	3170-TTX 55	11,22	35	12	20

3090

BIT RATCHET, STRAIGHT

- bit lock with permanent magnet
- reversible
- female hexagon drive according to DIN 3126 D 6,3 (1/4") and DIN 3126 D 8 (5/16")

6,3

1/4"

8

5/16"

Code	Number	l/mm	Pieces	Weight/g
3090000002000	3090	138	6	105

3090G

BIT RATCHET, CRANKED

- bit lock with permanent magnet
- reversible
- female hexagon drive according to DIN 3126 D 6,3 (1/4") and DIN 3126 D 8 (5/16")

6,3

1/4"

8

5/16"

Code	Number	l/mm	Pieces	Weight/g
3090000102000	3090G	140	6	105

3415
HAND BIT HOLDER 1/4"

- bit lock with permanent magnet
- nonslip QUATROLIT®-2C-handle
- with suspension hole

- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- female hexagon drive according to DIN 3126 D 6,3 DIN ISO 1173

6,3 | 1/4"

Code	Number	l/mm	○	Pieces	Weight/g
3415000000000	3415	180	1/4"	6	130

04

3300-...
ADAPTOR FOR SCREWDRIVER BITS

- for power tools
- bit lock with spring clip
- matt chrome plated
- ELORA-Chrome-Vanadium Steel 31Cv3 / 1.2208
- female hexagon drive according to DIN 3126 D 6,3 respectively DIN 3126 D 8; DIN ISO 1173
- female square drive according to DIN 3121 Form G
- according to DIN 7427 Form A

6,3 | 8 | 1/4" | 5/16"

Code	Number	□	○	l/mm	Pieces	Weight/g
3300113132000	3300-1/4x1/4	1/4"	1/4"	25	6	18
3300119132000	3300-3/8x1/4	3/8"	1/4"	30	6	40,8
3300119172000	3300-3/8x5/16	3/8"	5/16"	30	6	41
3300123132000	3300-1/2x1/4	1/2"	1/4"	35	6	80
3300123172000	3300-1/2x5/16	1/2"	5/16"	35	6	64

4150-...
BITHOLDER 1/4“

- bit lock with permanent magnet resp. spring clips
- with stainless steel sleeve, diameter 9,5 mm
- female hexagon drive according to DIN 3126 D 6,3
- male hexagon drive according DIN 3126 E 6,3 DIN ISO 1173
- according to DIN 7427 Form D

6,3 | 1/4"

Code	Number	l/mm	⬢	□	Pieces	Weight/g
4150000505200	4150-50	50	1/4"	1/4" with spring clip and magnet	6	26
4150001005200	4150-100	100	1/4"	1/4" with spring clip and magnet	6	39

3428
BITHOLDER 1/4"

- bit lock with permanent magnet and quick clamping system
- quick locker and ejection system
- female hexagon drive according to DIN 3126 D 6,3
- male hexagon drive according DIN 3126 E 6,3, DIN ISO 1173

6,3 | 1/4"

Code	Number	l/mm	⬢	Pieces	Weight/g
3428000000000	3428	51	1/4"	6	24

3429
BITHOLDER 1/4"

- with strong ring magnet for holding the screw
- bit lock due to quick clamping system and ejection function
- female hexagon drive according to DIN 3126 D 6,3
- male hexagon drive according DIN 3126 E 6,3, DIN ISO 1173

6,3 | 1/4"

Code	Number	l/mm	⬢	Pieces	Weight/g
3429000000000	3429	60	1/4"	6	26

3452ST

BIT-BOX, STAINLESS 1/4"

- 19 pcs.
- bit holder ELORA-No. 3428 with quick clamping system and male hexagon drive according to DIN 3126 E 6,3
- bits made of stainless steel X46Cr13 / 1.4034, without galvanic surface treatment
- 18 bits with male hexagon drive according to DIN 3126 C 6,3

EDELSTAHL® Rostfrei

6,3
1/4"

Code	Number	Contents	Pieces	Weight/g
3452500008000	3452ST	1 Magnetic quick action bit holder ELORA-No.3428 2 piece each plain slotted Screwdriver Bits 0,8x5,5, 1,0x5,5, 1,2x5,5 mm 2 piece each Philips Screwdriver Bits PH1, PH2, PH3 2 piece each Pozidriv Screwdriver Bits PZ1, PZ2, PZ3	1	180

3451-S7

BIT-BOX 1/4"

- 7 pcs.
- in black plastic box with transparent cover
- magnetic bit holder ELORA-No. 4150-50, with male hexagonal drive according to DIN 3126 E 6,3
- bits made of ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- 6 bits with male hexagon drive according to DIN 3126 C 6,3

6,3
1/4"

Code	Number	Contents	Pieces	Weight/g
3451500000000	3451-S7	1 Magnetic bit holder ELORA-No.4150-50 1 piece each plain slotted Screwdriver Bit 4,5x0,6, 6,5x1,2 mm 1 piece each Philips Screwdriver Bit PH1, PH2 1 piece each Pozidriv Screwdriver Bit PZ1, PZ2	1	108

3453-S11

BIT-BOX 1/4"

- 11 pcs.
- in black yellow plastic box with belt clip and suspension hole
- magnetic bit holder ELORA-No. 4150-50, with male hexagonal drive according to DIN 3126 E 6,3
- bits made of ELORA-Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- 10 bits with male hexagon drive according to DIN 3126 C 6,3
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

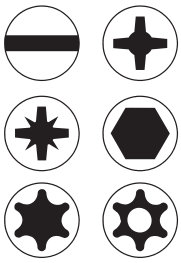
6,3
1/4"

Code	Number	Contents	Pieces	Weight/g
3453000000000	3453-S11	1 Magnetic bit holder ELORA-No. 4150-50 1 piece each Philips Screwdriver Bit PH1, PH2 1 piece each Pozidriv Screwdriver Bit PZ1, PZ2 1 piece each TORX® Screwdriver-Bit TX10, TX15, TX20, TX25, TX30, TX40	1	125

3436-S36

BIT-BOX 1/4"

- 36 pcs.
- in black yellow plastic box with belt clip and suspension hole
- magnetic bit holder ELORA-No. 4150-50, with male hexagonal drive according to DIN 3126 E 6,3
- bits made of ELORA Chrome-Molybdenum-Vanadium 73MoV5-2 / 1.2381
- 35 bits with male hexagon drive according to DIN 3126 C 6,3
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	Number	Contents	Pieces	Weight/g
3436000000000	3436-S36	1 Magnetic bit holder ELORA-No. 4150-50 1 piece each each plain slotted Screwdriver Bit 4,5, 5,5, 6,5 mm Philips Screwdriver Bits 2x PH1, 3x PH2, 2x PH3 Pozidriv Screwdriver Bits 2x PZ1, 3x PZ2, 2x PZ3 1 piece each Inside hexagon Screwdriver Bit IN2, IN 2,5, IN3, IN4, IN5, IN5,5, IN6 1 piece each TORX®-Screwdriver Bit TX10, TX15, TX20, TX25, TX27, TX30, TX40 1 piece each TORX®-Screwdriver Bit TTX20, TTX25, TTX30 TTX40	1	340

3451-L...

BIT-BOX

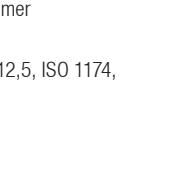
- to fill with bits
- black plastic box with tranparent cover
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
3451500007001	3451-L1	empty, 5,5x4 cm	1	9
3451500007002	3451-L2	empty, 5,5x7,2 cm	1	13

3400

HAND OPERATED IMPACT DRIVER 1/2“

- for loosening tight screws with help of a hammer
- reversible with anti-slip plastic grip
- male square drive according to DIN 3120-A 12,5, ISO 1174, with ball locking device



Code	Number	l/mm	Pieces	Weight/g
3400000000000	3400	150	1	750

3401-S12

HAND OPERATED IMPACT DRIVER SET

- 12 pcs.
- in black metal case with plastic inlet
- for loosening tight screws with help of a hammer
- reversible with anti-slip plastic grip
- male square drive according to DIN 3120-A 12,5, ISO 1174, with locking device

Code	Number	Contents	Pieces	Weight/g
3401500120000	3401-S12	1 Hand Operated Impact Driver ELORA-No. 3400 1 Adaptor 3300-1/2x5/16 1 piece each Screwdriver Insert Bit, Plain Slot, 3100-IS 1,0x5,5, 1,2x6,5, 1,6x8,0, 2,0x12,0 mm 1 piece each Screwdriver Insert Bit, cross slot, 3120-PH 2x32, PH 3x32, PH 4x32 1 piece each Screwdriver Insert Bit, inside hexagon 3110-IN 6, IN 8, IN 10 mm	1	1385

24 TPI BIMETAL

ELORA
ELORA 2179-200

05

TORQUE WRENCHES

CLICKING TORQUE WRENCHES	Page 226
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Why is controlled fastener tightening important?

Anyone involved in modern engineering will already know how important controlled tightening is. To ensure safe, dependable threaded joints, clearly defined tightening forces are essential, irrespective of whether the forces to be applied are large or small (such as is the case with light-weight materials with a low yield point).

The decision on the correct tightening force is subject to a number of factors. These include the fastener's thread pitch, the friction in the thread and the material under the nut or screw head. Once all the relevant factors have been taken into account, this results in the required tightening force that will ensure the bolted joint will not become loose even under dynamic loading. By the same token, this tightening force must not be too high as this can also cause the bolted joint to fail.

What exactly is torque?

Torque is a physical quantity in mechanics. The international unit of measure for moment of force, or torque, is the newton metre, N m.
Torque is defined as a force acting perpendicular to a moment arm.

$$M = F \cdot r$$

A torque wrench is constructed in such a way that it is operated by applying force to the handle. If the lever ratio is changed in any way, this will result in incorrect torque values – a key issue that is referred to in the documentation for all ELORA torque wrenches.

Screw tightening using torque and tightening angle

In many cases, it is sufficient to tighten a bolt or screw to a certain defined torque. To ensure the application of accurate, defined tightening forces, special expanding screws are used. Screws of this type may only be used once. In the first stage, they are tightened to a defined torque and then a specified tightening angle is applied to tighten the screw beyond the elastic limit of the bolt.
This enables a much more accurate tightening force to be achieved.

In addition to an ELORA torque wrench, angle controlled tightening requires a mechanical angle measuring instrument (ELORA no. 2184...).

Calibration and the calibrating interval

The calibration process determines and documents how large any deviation between the torque wrench and a predefined, prescribed standard measuring instrument is. If the result of the test shows that the tool is outside the permitted tolerance, the torque wrench can be adjusted and, where appropriate, recalibrated in accordance with DIN EN ISO 6789. According to that standard, a torque wrench has to be recalibrated after 12 months or 5000 load-changes, whichever happens first.

ELORA works certificate

Every ELORA torque wrench leaves the factory accompanied by an ELORA works certificate in accordance with DIN EN ISO 6789. ELORA Customer Services will service and recalibrate your torque wrench quickly and for a reasonable price. If required, we can also supply a DKD calibration certificate.

2179-...

TORQUE WRENCH, WITH VERNIER SCALE

Product features
- Broad range of applications
- High degree of availability
- Highly economical
- Very service-friendly
- Complies with DIN/ISO 6789 2014

10 | 12,5

3/8" | 1/2"

- for controlled torque application from 10 – 335 Nm
- main measurement unit for Nm with vernier scale, auxiliary measurement unit for ft-lb
- click type torque wrench
- safe locking of the set torque value
- for clockwise fixing
- with robust, matt steel tube
- all models with reversible ratchet and robust ELORA D-ratchet mechanism
- very noticeable and hearable (‚click'') signal
- calibration accuracy of +- 3% of the pre-set torque value, exceeds the requirement of the norm (+- 4%) for your safety
- classified according to DIN EN ISO 6789:2003 Type II Class A, with traceable factory calibration certificate

Code	Number	■	Head	Measuring range Nm	Measuring range ft.lb.	l/mm	Pieces	Weight/g
2179000601000	2179-60	3/8"	Reversible ratchet	10-60	9-45	360	1	820
2179001251000	2179-125	1/2"	Reversible ratchet	25-125	15-75	438	1	900
2179002001000	2179-200	1/2"	Reversible ratchet	40-200	30-150	460	1	1002
2179003351000	2179-335	1/2"	Reversible ratchet	65-335	50-250	520	1	1160

The perfect torque wrench – latest updates

German industrial standard DIN ISO 6789 is binding on manufacturers of torque wrenches. The ISO committee has reworked the standard and the new version is due to come into force at the end of 2014. As a result, the latest ELORA torque wrenches numbered 2179-... have been designed in such a way that they fully comply with the comprehensive requirements of the new ISO 6789 2014.

The most important requirements

The torque wrench should be accurate to within ±4% of the preset value. The working range covers 20-100% of the maximum torque. The torque wrench should be able to produce a tightened joint to within 4% of the target torque at the first "click".

The scale gradation should be designed in such a way that a user can set the target torque without making mistakes. Access to the adjustment screw should be simplified to enable adjustments to be made quickly and therefore at lower expense.

Wide range of applications

The torque wrench must work accurately even when subjected to extreme fluctuations in temperature and in environments in which dust and moisture are commonly encountered. This is why ELORA torque wrenches are intensively tested under all conceivable operating conditions at ELORA's own calibration laboratory. The latest generation of ELORA torque wrenches, series 2179-... and 2034, have all passed the tests with flying colours.

A particularly important feature is the temperature accuracy of our calibration to ISO 6789 of ±4% at temperatures from -15 to +40°C. The design of the tool, the torquing mechanism and the choice of components and materials are further evidence of ELORA's innovative approach to professional products enabling efficient working.

High availability and economy

ELORA has succeeded in achieving the ambitious objective of increasing the periods of effective use between re-adjustments to considerably more than 5000 "clicks" with no errors or loss in accuracy. Extensive long-term tests have demonstrated convincingly that the torque wrenches managed 8000 "clicks" with no problems.

2185-...

TORQUE WRENCH 1/2“

12,5

1/2"

- for controlled torque application from 20 - 350 Nm / 15 - 250 ft-lb.
- dual measurement scale for Nm and ft.lb.
- scale slider and window with magnifier for quick setting of the target torque value
- locking screw for safe locking of the set torque value
- for clockwise fixing
- with robust, matt steel tube
- all models with fine tooth, reversible ratchet
- very noticeable and audible (“click“) signal
- calibration accuracy of +- 3% of the pre-set torque value
- classified according to DIN EN ISO 6789:2003 Type II Class A, with traceable factory calibration certificate

Code	Number	■	Head	Measuring range Nm	Measuring range ft.lb.	l/mm	Pieces	Weight/g
2185001002000	2185-100	1/2“	Reversible ratchet	20-100	15-80	450	1	1200
2185002002000	2185-200	1/2“	Reversible ratchet	40-200	30-150	450	1	1200
2185003502000	2185-350	1/2“	Reversible ratchet	60-350	42-250	590	1	1400

2130 - 2160

TORQUE WRENCH

10 | 12,5 | 20 | 25

3/8" | 1/2" | 3/4" | 1"

- for controlled torque application from 2,5 - 2000 Nm
- quad measurement scale for Nm, kgm, in-lb and ft-lb
- click type torque wrench with very noticeable and audible (‚click“) signal
- with rigid push through square drive for controlled bi-directional fixing
- extra solid, matt-chrome plated steel construction
- adjustable and safe lockable by crank and the top end of the handle
- calibration accuracy of +- 4%
- classified according to DIN EN ISO 6789:2003 Type II Class A, with traceable factory calibration certificate

Code	Number	■	Measuring range Nm	Measuring range kgm	Measuring range in.lb.	Measuring range ft.lb.	Gradua-tion Nm	Gradua-tion kgm	Gradua-tion in.lb.	Gradua-tion ft.lb.	l/mm	Pieces	Weight/g
2130000112000	2130-11	3/8“	2,5-11	0,3-1,2	20-100	2-8	0,5	0,2	10	0,5	301	1	560
2130000332000	2130-33	3/8“	5-33	0,5-3,4	40-300	4-24	1	0,2	10	1	410	1	690
2130000682000	2130-68	3/8“	12-68	1,2-7	100-600	10-50	2	0,2	20	2	482	1	1000
2140000682000	2140-68	1/2“	12-68	1,2-7	100-600	10-50	2	0,2	20	2	482	1	1000
2140001352000	2140-135	1/2“	25-150	2,5-15	200-1300	20-110	5	1	50	2	560	1	1700
2140002252000	2140-225	1/2“	50-250	5-25	450-2200	40-180	10	1	50	5	610	1	2300
2140003302000	2140-330	1/2“	70-350	7-35	500-3100	50-260	10	1	100	10	780	1	3000
2150008102000	2150-810	3/4“	150-800	15-80	1400-7000	120-580	20	2	200	20	940	1	6500
2160009402000	2160-940	1“	200-1000	20-100	1800-8500	150-750	25	2,5	250	25	1030	1	9700
2160020002000	2160-2000	1“	500-2000	50-200	4500-17500	350-1500	50	5	500	50	1410	1	18000

You will find slip on ratchets 1/2", reversible on page 145

You will find slip on ratchets 3/4", reversible on page 176

2070-...

TORQUE WRENCH 3/4“ WITH VERNIER SCALE

20

3/4"

- for controlled torque application from 11 - 2000 Nm
- excellent readable measurement unit for precise, correct adjustment
- main measurement unit for Nm with vernier scale, auxiliary measurement unit for ft-lb
- safe locking of the set torque value
- bi-directional fixing
- push through ratchet 3/4“ with 10° smallest swivel angle

- with robust, matt steel tube
- wear-free mechanism made from hardened special tool steel
- with very noticeable and audible (‚click‘‘) signal
- ergonomic, impact resistant plastic handle
- calibration accuracy of +- 4%
- classified according to DIN EN ISO 6789:2003 Type II Class A, with traceable factory calibration certificate

Code	Number	■	Head	Measuring range Nm	Measuring range ft.lb.	Graduation Nm	Fine dial Nm	l/mm	Pieces	Weight/g
2070005001000	2070-500	3/4“	Push through ratchet	100-500	75-375	25	5	822	1	3800
2070008001000	2070-800	3/4“	Push through ratchet	160-800	120-600	40	5	1022	1	4660
2070010001000	2070-1000	3/4“	Push through ratchet	200-1000	150-750	50	5	1320	1	5660

2080-2100

TORQUE WRENCH 1“ WITH VERNIER SCALE

25

1"

- for controlled torque application from 400 - 2100 Nm
- excellent readable measurement unit for precise, correct adjustment
- main measurement unit for Nm with vernier scale, auxiliary measurement unit for ft-lb
- safe locking of the set torque value
- bi-directional fixing
- push through ratchet 1“ with 6° smallest swivel angle

- with robust, matt steel tube
- wear-free mechanism made from hardened special tool steel
- with very noticeable and audible (‚click‘‘) signal
- ergonomic, impact resistant plastic handle

- calibration accuracy of +- 4%
- classified according to DIN EN ISO 6789:2003 Type II Class A, with traceable factory calibration certificate

Code	Number	■	Head	Measuring range Nm	Measuring range ft.lb.	Graduation Nm	Fine dial Nm	l/mm	Pieces	Weight/g
2080021001000	2080-2100	1“	Reversible ratchet	400-2100	300-1500	100	10	2050	1	14500

2178-20

TORQUE RATCHET, 1/4“ WITH VERNIER SCALE

- for controlled torque application from 4 - 20 Nm
- main measurement unit for Nm with vernier scale, auxiliary measurement unit for in-lb
- click type torque wrench
- safe locking of the set torque value
- for clockwise fixing
- with robust, matt-chrome plated steel tube
- reversible ratchet
- very noticeable and audible (‘‘click‘‘) signal
- classified according to DIN EN ISO 6789:2003 Type II Class A
- calibrated accuracy of +-4%, with traceable factory calibration certificate

6,3

1/4"

05

Code	Number	■	Measuring range Nm	Measuring range ft.lb.	l/mm	Pieces	Weight/g
2178000201000	2178-20	1/4“	4-20	3,3-14,4	320	1	640

2010-...

TORQUE SCREWDRIVER, 1/4“ WITH VERNIER SCALE

6,3

1/4"

- for controlled torque application from 2 cNm - 10 Nm
- with 1/4“ female bit adaptor for bits according to DIN 3126-C 6,3
- using adapter ELORA-No. 4140 also suitable for 1/4“ sockets according to DIN 3126
- bi-directional tightening
- with a very noticeable and audible (“click“) signal when the set torque value is reached
- accuracy of +- 4% of the set torque value.
  Exceeds the requirement of the norm (+- 6%) for your safety
- ELORA No. 2010-30 with finger rest
- ELORA No. 2010-1000 with additional T-handle
  for better power transmission
- classified according to DIN EN ISO 6789:2003
  Type II Class D, with traceable
  factory calibration certificate

Code	Number	Measuring range cNm	Graduation cNm	l/mm	Pieces	Weight/g
2010000301000	2010-30	2-30	0,2	96	1	45
2010001201000	2010-120	20-120	0,5	160	1	150
2010005001000	2010-500	100-500	2,5	200	1	440

2011-1000

TORQUE SCREWDRIVER, 1/4“ WITH VERNIER SCALE

6,3

1/4"

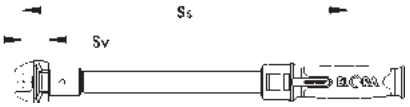
- for controlled torque application from 2 Nm - 10 Nm
- male square drive according to DIN 3120-A 6,3, ISO 1174, with ball locking device
- bi-directional tightening
- with a very noticeable and audible (“click“) signal when the set torque value is reached
- safe locking of the set torque value
- accuracy of +- 6% of the pre-set torque value
- 1/4“ female square at the top end of the handle for supporting power
  transmission by any 1/4“ operation tool
- classified according to DIN EN ISO 6789:2003 Type II Class D,
  with traceable factory calibration certificate

Code	Number	Measuring range Nm	Graduation cNm	l/mm	Pieces	Weight/g
2011010001000	2011-1000	2-10	0,2	160	1	280

2034-...

TORQUE WRENCH WITH RECTANGULAR INTAKE

- for use with ELORA interchangeable spanner heads
- main measurement unit for Nm with vernier scale, auxiliary measurement unit for ft-lb
- safe locking of the set torque value
- bi-directional fixing
- with robust, matt steel tube
- with very noticeable and audible (‚click'') signal
- 2 component Quatrolit handle
- factory depth gauges: S_V = 17,5 mm (9 x 12 mm) and S_V = 25 mm (14 x 18 mm)
- calibration accuracy of +- 3% of the set torque value.
  Exceeds the requirement of the norm (+- 4%) for your safety
- classified according to DIN EN ISO 6789:2003 Type II Class A,
  with traceable factory calibration certificate



Code	Number	Drive mm	S_s mm	Measuring range Nm	Measuring range ft.lb.	Graduation Nm	l/mm	Pieces	Weight/g
2034000601000	2034-60	9x12	314,5	10-60	9-45	2,5	345	1	720
2034001251000	2034-125	9x12	370,5	25-125	15-75	2,5	438	1	900
2034002001000	2034-200	14x18	410,0	40-200	30-150	2,5	455	1	920
2034003351000	2034-335	14x18	470,0	65-335	50-250	2,5	515	1	1060

05

Expert knowledge on insert tools

When using insert tools, it is essential to take into account the stated extension.

If the extension for the insert tool to be used is exactly the same as the work calibration extension (S_s = 17.5 mm for 9 x 12 mm mounts and S_s = 25 mm for 14 x 18 mm mounts) of the torque wrench, the torque level you have set will be correct.

Where insert tools having a different extension value are to be used, the set torque M_I will have to be calculated to ensure that the required target torque (M_S) is, in fact, achieved.

This can be done using the following formula:

$$\frac{M_S \times l_S}{l_S + S_V - S_S} = M_I$$

Where:

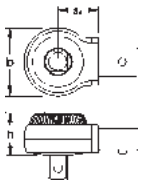
M_S	target torque
l_S	lever length of the torque wrench + works calibration extension
S_V	extension of the insert tool
S_S	works calibration extension (S_S = 17.5 mm for 9 x 12 mm mounts and S_S =25 mm for 14 x 18 mm mounts)
M_I	torque setting on the wrench

2072-..., 2076-1

RATCHET INSERT TOOL, FINE TOOTH

- with small robust head
- forged, fine tooth gear wheel with handy metal switching disc
- 5° smallest swivel angle
- with locking pin
- chrome vanadium 31CrV3 / 1.2208
- male square according to DIN 3120, ISO 1174, with ball locking device

6,3	10	12,5
1/4"	3/8"	1/2"



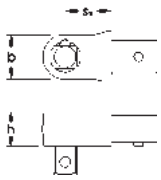
Code	Number	■	Drive mm	S_v mm	b mm	h mm	Pieces	Weight/g
2072000010000	2072-1	1/4"	9x12	17,5	25	16	1	69
2072000020000	2072-2	3/8"	9x12	17,5	34	22	1	143
2072000030000	2072-3	1/2"	9x12	17,5	34	23	1	154
2076000010000	2076-1	1/2"	14x18	25	41	30	1	300

2074-..., 2078-1

FIXED SQUARE INSERT TOOL

- forged with locking pin
- chrome-plated
- chrome vanadium 31CrV3 / 1.2208
- male square according to DIN 3120, ISO 1174, with ball locking device

6,3	10	12,5
1/4"	3/8"	1/2"

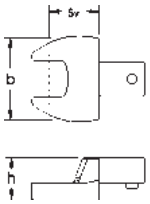


Code	Number	■	Drive mm	S_v mm	b mm	h mm	Pieces	Weight/g
2074000010000	2074-1	1/4"	9x12	17,5	13	12	1	39
2074000020000	2074-2	3/8"	9x12	17,5	19	16	1	74
2074000030000	2074-3	1/2"	9x12	17,5	19	16	1	81
2078000010000	2078-1	1/2"	14x18	25	25	19	1	179

2052-..., 2056-...

OPEN END SPANNER INSERT TOOL

- attention, changes setting value for ELORA-Nr. 2052-14 -19 and 2056-27 - 41
- forged
- with locking pin
- chrome-plated
- chrome vanadium 31CrV3 / 1.2208

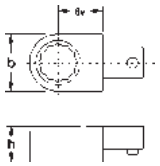


Code	Number	mm	Drive mm	S_v mm	b mm	h mm	Pieces	Weight/g
2052000070000	2052-7	7	9x12	17,5	20,7	14,7	1	37
2052000080000	2052-8	8	9x12	17,5	22	14,7	1	38
2052000090000	2052-9	9	9x12	17,5	23,5	14,7	1	37
2052000100000	2052-10	10	9x12	17,5	24,8	14,7	1	42
2052000110000	2052-11	11	9x12	17,5	26	14,7	1	40
2052000120000	2052-12	12	9x12	17,5	27,5	14,7	1	41
2052000130000	2052-13	13	9x12	17,5	28,8	14,7	1	46
2052000140000	2052-14	14	9x12	20	31,5	14,7	1	55
2052000150000	2052-15	15	9x12	20	33,5	14,7	1	56
2052000160000	2052-16	16	9x12	20	36	14,7	1	58
2052000170000	2052-17	17	9x12	20	37,7	14,7	1	58
2052000180000	2052-18	18	9x12	20	39	14,7	1	60
2052000190000	2052-19	19	9x12	20	41,6	14,7	1	64
2056000130000	2056-13	13	14x18	25	29,6	21,5	1	117
2056000140000	2056-14	14	14x18	25	31,3	21,5	1	120
2056000150000	2056-15	15	14x18	25	33,4	21,5	1	117
2056000160000	2056-16	16	14x18	25	35,8	21,5	1	128
2056000170000	2056-17	17	14x18	25	37	21,5	1	138
2056000180000	2056-18	18	14x18	25	38,6	21,5	1	136
2056000190000	2056-19	19	14x18	25	40,6	21,5	1	140
2056000210000	2056-21	21	14x18	25	45,2	21,5	1	160
2056000220000	2056-22	22	14x18	25	47,3	21,5	1	163
2056000240000	2056-24	24	14x18	25	50,8	21,5	1	169
2056000270000	2056-27	27	14x18	32,5	58,7	21,5	1	240
2056000300000	2056-30	30	14x18	32,5	62,7	21,5	1	250
2056000320000	2056-32	32	14x18	32,5	65,2	21,5	1	248
2056000340000	2056-34	34	14x18	32,5	66,5	21,5	1	253
2056000360000	2056-36	36	14x18	32,5	66,5	21,5	1	245
2056000380000	2056-38	38	14x18	32,5	66,5	21,5	1	230
2056000410000	2056-41	41	14x18	40	82,5	21,5	1	316

2062-..., 2066-...

RING SPANNER INSERT TOOL

- attention, changes setting value for ELORA-Nr. 2066-27 to 41
- forged
- with locking pin
- chrome-plated
- chrome vanadium 31CrV3 / 1.2208



Code	Number	mm	Drive mm	S_v mm	b mm	h mm	Pieces	Weight/g
2062000070000	2062-7	7	9x12	17,5	13,1	14,7	1	37
2062000080000	2062-8	8	9x12	17,5	13,1	14,7	1	37
2062000100000	2062-10	10	9x12	17,5	17,6	14,7	1	39
2062000110000	2062-11	11	9x12	17,5	19	14,7	1	42
2062000120000	2062-12	12	9x12	17,5	20,3	14,7	1	51
2062000130000	2062-13	13	9x12	17,5	21,1	14,7	1	51
2062000140000	2062-14	14	9x12	17,5	23,4	14,7	1	53
2062000150000	2062-15	15	9x12	17,5	24,4	14,7	1	54
2062000160000	2062-16	16	9x12	17,5	26,4	14,7	1	55
2062000170000	2062-17	17	9x12	17,5	27,4	14,7	1	56
2062000180000	2062-18	18	9x12	17,5	28,9	14,7	1	60
2062000190000	2062-19	19	9x12	17,5	31	14,7	1	63
2062000210000	2062-21	21	9x12	17,5	33,4	14,7	1	68
2062000220000	2062-22	22	9x12	17,5	35	14,7	1	71
2066000130000	2066-13	13	14x18	25	21	21,5	1	130
2066000140000	2066-14	14	14x18	25	23	21,5	1	132
2066000150000	2066-15	15	14x18	25	26	21,5	1	132
2066000160000	2066-16	16	14x18	25	26	21,5	1	137
2066000170000	2066-17	17	14x18	25	27,5	21,5	1	141
2066000180000	2066-18	18	14x18	25	29,5	21,5	1	139
2066000190000	2066-19	19	14x18	25	31	21,5	1	145
2066000210000	2066-21	21	14x18	25	33	21,5	1	152
2066000220000	2066-22	22	14x18	25	35	21,5	1	157
2066000240000	2066-24	24	14x18	25	38	21,5	1	162
2066000270000	2066-27	27	14x18	31	42	21,5	1	204
2066000300000	2066-30	30	14x18	31	45,1	21,5	1	205
2066000320000	2066-32	32	14x18	31	48	21,5	1	214
2066000340000	2066-34	34	14x18	31	51	21,5	1	226
2066000360000	2066-36	36	14x18	31	53	21,5	1	230
2066000410000	2066-41	41	14x18	31	59,3	21,5	1	235

2063-...

OPEN RING SPANNER INSERT TOOL

- forged
- with locking pin
- chrome-plated
- chrome vanadium 31CrV3 / 1.2208

Code	Number	mm	Drive mm	S_v mm	b mm	h mm	Pieces	Weight/g
2063000100000	2063-10	10	9x12	17,5	21,2	14,5	1	52
2063000110000	2063-11	11	9x12	17,5	22,6	14,5	1	52
2063000120000	2063-12	12	9x12	17,5	24,1	14,5	1	53
2063000130000	2063-13	13	9x12	17,5	25,2	14,5	1	53
2063000140000	2063-14	14	9x12	17,5	27,3	14,5	1	58
2063000160000	2063-16	16	9x12	17,5	30,1	14,5	1	59
2063000170000	2063-17	17	9x12	17,5	31,6	14,5	1	60
2063000180000	2063-18	18	9x12	17,5	33,3	15	1	65
2063000190000	2063-19	19	9x12	17,5	34,6	15	1	65
2063000210000	2063-21	21	9x12	17,5	37,7	15	1	70
2063000220000	2063-22	22	9x12	17,5	39,3	15	1	70

2071-...

ADAPTER

- attention, changes setting value
- for use with insert tools 9x12 mm and 14x8 mm
- forged
- chrome-plated
- chrome vanadium 31CrV3 / 1.2208

Code	Number	Female Square mm	Male Square	S_v mm	b mm	h mm	Pieces	Weight/g
2071000010000	2071-1	9x12	14x18	22	22	17	1	80
2071000020000	2071-2	14x18	9x12	35,25	30	23	1	120

2420-...

ELOTRONIC TORQUE WRENCH

12,5

1/2"

- indicating torque wrench for controlled tightening from 20 - 340 Nm
- measurement units: Nm, ft-lb or in-lb
- bi-directional fixing
- huge easy to read 4 digit numerical LCD Display
- audible buzzer and optical signal (3 bright LED´s)when target torque is reached
- 2 different measurement modes (Track Mode, Peak Hold)
- Battery operated (4xAA batteries)

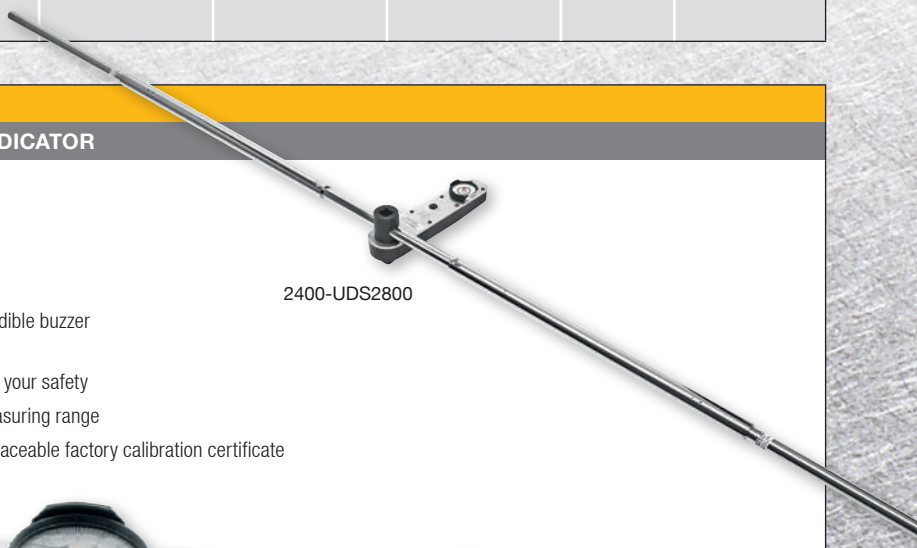
- serial computer interface, 2 way communication with computer, printer (protocol RS232C 9600BPS, 8,1,n)
- forged, fine tooth gear wheel with handy metal switching disc
- 5° smallest swivel angle
- male square according to DIN 3120 A 12,5, ISO 1174, with ball locking device
- calibration accuracy of +- 2% of the set torque value. Exceeds the requirement of the norm (+- 4%) for your safety
- classified according to DIN EN ISO 6789:2003 Type I Class B, with traceable factory calibration certificate

Code	Number	■	Measuring range Nm	Measuring range in.lb.	Measuring range ft.lb.	l/mm	Pieces	Weight/g
2420002002000	2420-EDS200	1/2“	20-200	180-1800	15-150	458	1	1260
2420003402000	2420-EDS340	1/2“	34-340	300-3000	25-250	559	1	1550
2420500602000	2420-RS	Contents: 4 rechargeable batteries, cable for serial port RS 232, power supply					1	500

2400-...

ELOMETER TORQUE WRENCH WITH DRAG INDICATOR

- indicating torque wrench with dial gauge and drag indicator
- for controlled tightening from 0,7 - 2800 Nm
- measurement units: Nm, ft-lb or in-lb
- with fixed head square according to DIN 3120, ISO 1174
- ELORA No. 2400 UDS 1400 and 2400-UDS 2800 with additional audible buzzer
- calibration accuracy of +- 3% of the set torque value. Exceeds the requirement of the norm (+-6%, respectively +- 4%) for your safety
- the calibrated accuracy will be reached starting from 20% of the measuring range
- classified according to DIN EN ISO 6789:2003 Type I Class B, with traceable factory calibration certificate



2400-UDS2800

Code	Number	■	Measuring range Nm	Measuring range in.lb.	Measuring range ft.lb.	Gradua-tion Nm	Gradua-tion in.lb.	Gradua-tion ft.lb.	Signal	l/mm	Pieces	Weight/g
2400000032000	2400-UDS3	1/4“	0,7-3,5	6-30	-	0,1	1	-	-	270	1	725
2400000092000	2400-UDS9	1/4“	1,8-9	15-75	-	0,2	1	-	-	270	1	725
2400000182000	2400-UDS18	3/8“	3,6-18	30-150	-	0,5	2	-	-	270	1	725
2400000302000	2400-UDS30	3/8“	6-30	50-250	-	0,5	5	-	-	270	1	725
2400000702000	2400-UDS70	3/8“	14-70	-	10-50	2	-	1	-	270	1	725
2400002402000	2400-UDS240	1/2“	48-240	-	35-175	5	-	5	-	560	1	1400
2400003502000	2400-UDS350	1/2“	70-350	-	50-250	10	-	5	-	560	1	1400
2400004802000	2400-UDS480	3/4“	96-480	-	70-350	10	-	10	-	675	1	3200
2400008002000	2400-UDS800	3/4“	166-800	-	120-600	25	-	10	-	1180	1	4500
2400014002000	2400-UDS1400	1“	280-1400	-	200-1000	25	-	20	optical and audible	1970	1	9000
2400028002000	2400-UDS2800	1“	560-2800	-	400-2000	50	-	40	optical and audible	3200	1	21000

2184-...

TORQUE ANGLE GAUGE

- for controlled screw tightening with fitting torque wrench at specified torque and torque angle
- torque angle from 0 – 360°
- 1/2‘‘ reading accuracy 2 degrees, 3/4‘‘ reading accuracy 5 degrees
- maximum load 1/2‘‘ 390 Nm, 3/4‘‘ 1330 Nm
- with flexible magnetic holder
- square with ball locking device
- attention, do not exceed the maximum torque of the specific torque wrench!

12,5 | 20

1/2" | 3/4"

Code	Number	▢	■	Graduation	Ø	l/mm	Pieces	Weight/g
2184000012000	2184-1	1/2“	1/2“	20	68	360	1	225
2184000022000	2184-2	3/4“	3/4“	50	90	380	1	225

2440-ETM

ELOTRONIC TORQUE METER

- to use with ELORA No. 2455-MTT or 2446-STT for testing and calibration of all torque wrenches
- Display: huge easy to read LCD Display
- Power supply: commercial quality 9V NiCd-battery corresponding wall plug transformer (both included)
- Memory: up to 1350 torque values in format data: dataset, torque value and measuring unit
- Serial computer interface, 2 way communication with computer, printer (protocol RS232C 9600BPS, 8,1,n)
- Working modes: Track Mode, Peak Hold and First Peak Hold (for calibration of click type torque wrenches)
- Nm, ft-lb in-lb, oz-in, cNm, kgf-lb
- Setting of Tolerances: the setting of the tolerance is all time visible on the LCD Display during the work. Target tolerance value from 1 - 99% or smallest and biggest value
- Display of Tolerances: throughout 3 LED´s and audible buzzer is indicated if the measuring value is below (yellow) within (green) or above (red) the tolerance
- Erase of Display: it is possible to define if the measured value is automatically, after a programmable time of 1 - 9 sec. or manually erased
- Frequency Filter: 5 adjustable frequency filter(170Hz, 250Hz, 500Hz, 1500Hz und 3600Hz) (e.g. for calibration of power tools)
- Transducer Recognition: by a built in Smart chip all data of the ELORA Transducer will be read in automatically (plug and play). Of course all data can also been manually calibrated.

Code	Number	Width mm	Height mm	Depth mm	Pieces	Weight/g
2440000000000	2440-ETM	83	185	32	1	420

2445-...

ELOTRONIC INLINE TRANSDUCER MTT

- for use with Torque Meter ELORA No. 2440-ETM ELOTRONIC
- by a built in Smart chip all data of the ELORA Transducer will be read in automatically (plug and play)
- accuracy +-1% of the set value

12,5 | 20 | 1/2" | 3/4"

Code	Number	▢	■	Measuring range Nm	Measuring range in.lb.	Measuring range ft.lb.	l/mm	Pieces	Weight/g
2445000302000	2445-MTT 30	3/8"	3/8"	3-30	25-250	-	66	1	190
2445000702000	2445-MTT 70	3/8"	3/8"	7-70	-	5-50	66	1	190
2445003402000	2445-MTT 340	1/2"	1/2"	34-340	-	25-250	270	1	295

2446-...

ELOTRONIC STATIONARY TRANSDUCER MTT

- for use with Torque Meter ELORA No. 2440-ETM ELOTRONIC
- by a built in Smart chip all data of the ELORA Transducer will be read in automatically (plug and play)
- accuracy +-1% of the set value

6,3	10	12,5	20	25
1/4"	3/8"	1/2"	3/4"	1"

Code	Number	○	Measuring range Nm	Measuring range in.lb.	Measuring range ft.lb.	Pieces	Weight/g
2446000062000	2446-STT 6	1/4“	0,6-6	5-50	-	1	285
2446000112000	2446-STT 11	1/4“	1-11	10-100	-	1	300
2446000302000	2446-STT 30	1/4“	3-30	25-250	-	1	300
2446000702000	2446-STT 70	3/8“	7-70	-	5-50	1	455
2446001352000	2446-STT 130	1/2“	13-130	-	10-100	1	1210
2446003402000	2446-STT 340	1/2“	34-340	-	25-250	1	1260
2446006802000	2446-STT 680	3/4“	68-680	-	50-500	1	1350
2446008152000	2446-STT 815	3/4“	81-815	-	60-600	1	1365
2446014002000	2446-STT 1400	1“	140-1400	-	100-1000	1	9400
2446028002000	2446-STT 2800	1“	280-2800	-	200-2000	1	9400

2447-...

FIXING ANGLE

- for stationary fixing of the ELOTRONIC Transducer 2446-STT

Code	Number	suitable for Transducer	l/mm	Height mm	Depth mm	Pieces	Weight/g
2447001052000	2447-105	2446-STT 6, 11, 30, 70, 130, 340, 680, 815	105	105	105	1	2700
2447001522000	2447-152	2446-STT 1400, 2800	152	152	152	1	7900

2601-...

TORQUE MULTIPLIER

- up to 10.000 Nm
- planetary gear (1-, 2- or 3-stepped)
- specially hardened gear wheels
- permanent internal greasing
- sliding bearings on drive side and power take-off side
- overload protection (one additional sun wheel with overload cutout is included)
- exchangeable drive heads
- matt chrome-plated /phosphated surfaces
- torque multipliers 2601-3 until 2601-6 are all fitted with a return stop
- bi-directional actuation
- highest torque, high accuracy better than +-5% tolerance
- attention, only for mechanical actuation
- in waterproof case

Product-Features:

- for clockwise and anticlockwise use
- no extremely long levers required any more
- uniform transmission of forces protects nuts and bolts
- reduced risk of personal injury
- compact, durable construction
- low weight
- no external power supply required
- guaranteed accuracy: ±5%
- long-term accuracy
- low-maintenance construction
- good value for money
- ideal in conjunction ELORA torque wrenches
- a range of supports available

Code	Number	max. output capacitance Nm	max. input capacitance Nm	▢	■	Ratio	Gear reduction	Return stop	Ø mm	l/mm	Weight without case and brace support	Weight with case and brace support	Pieces
2601100010000	2601-1	1500	416	1/2"	1"	1:3,6	4:1	-	90	150	3000	5700	1
2601100020000	2601-2	1500	416	3/4"	1"	1:3,6	4:1	-	90	150	3000	5700	1
2601100030000	2601-3	3500	269	3/4"	1"	1:13	16:1	x	95	200	5200	10600	1
2601100040000	2601-4	4500	264	3/4"	1.1/2"	1:17	20:1	x	120	215	7700	14500	1
2601100050000	2601-5	7000	159	3/4"	1.1/2"	1:44	59:1	x	130	272	13000	25500	1
2601100060000	2601-6	10000	181	3/4"	1.1/2"	1:55	74:1	x	148	272	14500	27000	1

2602

TORQUE MULTIPLIER

- perfect tool for heavy duty vehicles
- 1 step planetary gear
- 2 braces included
- robust construction
- surfaces matt-chrome plated/ gunmetal-finish
- bi-directional actuation
- accuracy better than +-4%
- attention, only for mechanical actuation
- in black plastic case

Code	Number	▢	■	max. output capacitance Nm	max. output capacitance ft. lb.	Ratio	Gear reduction	Pieces	Weight/g
2602000001000	2602	3/4"	1"	2700	2000	5:1	1:4,33	1	7400

ELORA
ELORA

06

SCREWDRIVERS

CRANKED KEYS	Page 244
SREWDRIVERS	Page 257
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159-..., 159A-...

HEXAGON KEY

- for inside hexagon screws
- ELORA-No. 159-0,7 up to 1,3 gun metal finish, all other Sizes nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	l/mm	Pieces	Weight/g
0159000003007	159-0,7	33 x 7	48	0,4
0159000003009	159-0,9	33 x 11	48	0,5
0159000013000	159-1,0	33 x 11	48	0,5
0159000133001	159-1,3	41 x 13	48	0,7
0159000153001	159-1,5	46,5 x 15,5	48	1
0159000023000	159-2	52 x 18	48	2
0159000253001	159-2,5	58,5 x 20,5	48	4
0159000033000	159-3	66 x 23	24	5
0159000353001	159-3,5	69,5 x 25,5	24	8
0159000043000	159-4	74 x 29	24	10
0159000453001	159-4,5	80 x 30,5	24	15
0159000053000	159-5	85 x 33	24	18
0159000553001	159-5,5	85 x 33	24	24
0159000063000	159-6	96 x 38	24	30
0159000073000	159-7	102 x 41	24	43
0159000083000	159-8	108 x 44	12	59
0159000093000	159-9	114 x 47	12	79
0159000103000	159-10	122 x 50	12	103
0159000113000	159-11	129 x 53	12	131
0159000123000	159-12	137 x 57	12	160
0159000133000	159-13	145 x 63	12	215
0159000143000	159-14	154 x 70	6	260
0159000153000	159-15	161 x 73	6	290
0159000163000	159-16	168 x 76	6	400
0159000173000	159-17	177 x 80	6	430
0159000183000	159-18	188 x 84	6	510
0159000193000	159-19	199 x 89	3	620
0159000203000	159-20	200 x 90	3	650
0159000213000	159-21	211 x 96	3	860
0159000223000	159-22	222 x 102	3	950
0159000243000	159-24	248 x 114	1	1250
0159000273000	159-27	277 x 127	1	1740
0159000303000	159-30	315 x 142	1	2460
0159000323000	159-32	347 x 157	1	3080
0159000363000	159-36	391 x 176	1	4370

AF"

Code	Number	l/mm	Pieces	Weight/g
0159100023000	159A-1/16	46,5 x 15,5	48	1
0159100033000	159A-5/64	52 x 18	48	2
0159100043000	159A-3/32	58,5 x 20,5	48	4
0159100053000	159A-7/64	66 x 23	24	5
0159100063000	159A-1/8	66 x 23	24	5
0159100073000	159A-9/64	69,5 x 25,5	24	8
0159100083000	159A-5/32	74 x 29	24	10
0159100093000	159A-3/16	85 x 33	24	18
0159100113000	159A-7/32	91 x 36	24	21
0159100133000	159A-1/4	96 x 38	24	30
0159100153000	159A-9/32	102 x 41	24	43
0159100173000	159A-5/16	108 x 44	12	59
0159100183000	159A-11/32	114 x 47	12	79
0159100193000	159A-3/8	122 x 50	12	103
0159100213000	159A-7/16	129 x 53	12	131
0159100233000	159A-1/2	145 x 63	12	215
0159100243000	159A-9/16	154 x 70	6	260
0159100263000	159A-5/8	168 x 76	6	400
0159100283000	159A-3/4	199 x 89	3	620
0159100313000	159A-7/8	222 x 102	3	950
0159100343000	159A-1	277 x 127	1	1740

159L-..., 159LA-...

HEXAGON KEY, EXTRA LONG

- for inside hexagon screws
- extra long
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	l/mm	Pieces	Weight/g
0159010153001	159L-1,5	91,5 x 15,5	48	2
0159010023000	159L-2	102 x 18	48	4
0159010253001	159L-2,5	114,5 x 20,5	48	6
0159010033000	159L-3	129 x 23	24	9
0159010043000	159L-4	144 x 29	24	19
0159010053000	159L-5	165 x 33	24	33
0159010063000	159L-6	186 x 38	24	54
0159010073000	159L-7	197 x 41	24	80
0159010083000	159L-8	208 x 44	12	115
0159010093000	159L-9	219 x 47	12	148
0159010103000	159L-10	234 x 50	12	185
0159010113000	159L-11	247 x 53	12	247
0159010123000	159L-12	262 x 57	12	295
0159010133000	159L-13	277 x 63	12	370
0159010143000	159L-14	294 x 70	6	460
0159010173000	159L-17	337 x 80	6	750
0159010193000	159L-19	379 x 89	3	1100

AF"

Code	Number	l/mm	Pieces	Weight/g
0159110023000	159LA-1/16	91,5 x 15,5	48	2
0159110033000	159LA-5/64	102 x 18	48	4
0159110043000	159LA-3/32	114,5 x 20,5	48	6
0159110063000	159LA-1/8	129 x 23	24	9
0159110083000	159LA-5/32	144 x 29	24	19
0159110093000	159LA-3/16	165 x 33	24	33
0159110133000	159LA-1/4	186 x 38	24	54
0159110153000	159LA-9/32	197 x 41	24	80
0159110173000	159LA-5/16	208 x 44	12	115
0159110183000	159LA-11/32	219 x 47	12	148
0159110193000	159LA-3/8	234 x 50	12	185
0159110213000	159LA-7/16	247 x 53	12	247
0159110233000	159LA-1/2	277 x 63	12	370
0159110263000	159LA-5/8	337 x 80	6	750
0159110283000	159LA-3/4	379 x 89	3	1100
further sizes on request				

159S-...M, 159S-...A

HEXAGON KEY SET

- for inside hexagon screws
- in black plastic wallet
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	Pieces	Weight/g
0159500803000	159S-8M	159- 1,5, 2, 2,5, 3, 4, 5, 6, 8 mm	12	135
0159501003000	159S-10M	159- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10, 12 mm	6	410
0159501403000	159S-14M	159- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10, 12, 14, 17, 19, 22 mm	1	2800

AF"

Code	Number	Contents	Pieces	Weight/g
0159600803000	159S-8A	159A- 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 AF	12	96
0159601003000	159S-10A	159A- 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8 AF	6	250
0159601403000	159S-14A	159A- 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8, 3/4 AF	1	1490

159SK-9M, 159SK-10M

HEXAGON KEY SET

- for inside hexagon screws
- in plastic holder
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	Pieces	Weight/g
0159500093000	159SK-9M	159- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10 mm	3	250
0159500103000	159SK-10M	159- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10, 12 mm	3	415

159S-...L-9L, 159S-...LA

HEXAGON KEY SET, EXTRA LONG

- for inside hexagon screws
- in plastic holder
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	Pieces	Weight/g
0159510703000	159S-7L	159L- 1,5, 2, 2,5, 3, 4, 5, 6 mm	1	148
0159510903000	159S-9L	159L- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10 mm	1	428

AF"

Code	Number	Contents	Pieces	Weight/g
0159610903000	159 S-9LA	159LA- 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8 AF	1	428

159S-8P

HEXAGON KEY SET

- for inside hexagon screws
- in plastic storage box
- nickel plated
- ELORA-Chrome-Vanadium 59 CrMoV 4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	Pieces	Weight/g
0159500901000	159S-8P	159- 2, 2,5, 3, 4, 5, 6, 8, 10 mm	1	260

159SK-...

HEXAGON KEY SET

- for inside hexagon screws
- metal holder
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	l/mm	Pieces	Weight/g
0159500013000	159SK-1	2,5, 3, 4, 5, 6, 8 mm	115	3	235
0159500023000	159SK-2	2,5, 3, 4, 5, 6, 8, 10 mm	115	3	320
0159500033000	159SK-3	1,5, 2, 2,5, 3, 4, 5, 6 mm	95	3	150
0159500043000	159SK-4	3, 4, 5, 6, 8, 10 mm	115	3	360

AF"

Code	Number	Contents	l/mm	Pieces	Weight/g
0159500053000	159SK-5	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32 AF	95	3	165
0159500063000	159SK-6	1/8, 5/32, 3/16, 7/32, 1/4, 5/16 AF	110	3	220
0159500073000	159SK-7	3/16, 7/32, 1/4, 5/16, 3/8 AF	120	3	360
0159500083000	159SK-8	3/32, 3/16, 7/32, 1/4, 5/16, 3/8 AF	120	3	370

159S-KK...

HEXAGON KEY SET

- for inside hexagon screws
- plastic holder with elevating mechanism
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	l/mm	Pieces	Weight/g
0159510013000	159S-KK-1	2,5, 3, 4, 5, 6, 8 mm	120	3	150
0159510023000	159S-KK-2	2,5, 3, 4, 5, 6, 8, 10 mm	130	3	220
0159510033000	159S-KK-3	1,5, 2, 2,5, 3, 4, 5, 6 mm	130	3	320

158R-...

HEXAGON KEY SET

- for inside hexagon screws
- sorted on metal ring
- nickel plated
- ELORA-Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

AF"

Code	Number	Contents	Pieces	Weight/g
0158500803000	158R-1	2, 2,5, 3, 4, 5, 6, 8,10 mm	1	250
0158500813000	158R-2	1,5, 2, 2,5, 3, 4, 5, 6 mm	1	75
0158600803000	158R-3	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 AF	1	105

155-...
HEXAGON KEY WITH T-HANDLE

- for inside hexagon screws
- blades nickel plated
- with black T-Handle and suspension hole
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- DIN ISO 2936

Code	Number	DIN 912	l/mm	Pieces	Weight/g
0155002091200	155-2-90	M 2,5	90	6	27
0155002101200	155-2,5-100	M 3	100	6	28
0155003101200	155-3-100	M 4	100	6	32
0155003151200	155-3-150	M 4	150	6	36
0155003201200	155-3-200	M 4	200	6	40
0155004101200	155-4-100	M 5	100	6	38
0155004151200	155-4-150	M 5	150	6	54
0155004201200	155-4-200	M 5	200	6	50
0155005101200	155-5-100	M 6	100	6	46
0155005151200	155-5-150	M 6	150	6	54
0155005201200	155-5-200	M 6	200	6	62
0155006101200	155-6-100	M 8	100	6	82
0155006151200	155-6-150	M 8	150	6	94
0155006201200	155-6-200	M 8	200	6	106
0155008101200	155-8-100	M 10	100	6	108
0155008151200	155-8-150	M 10	150	6	130
0155008201200	155-8-200	M 10	200	6	150
0155010101200	155-10-100	M 12	100	6	120
0155010201200	155-10-200	M 12	200	6	215
0155012101200	155-12-100	M 14	100	6	160
0155012201200	155-12-200	M 14	200	6	275
0155012251200	155-12-250	M 14	250	6	320
0155014301200	155-14-300	M 16	250	6	490

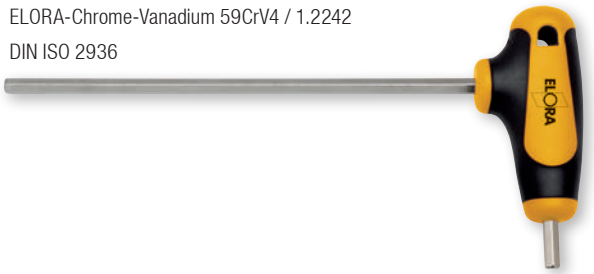
159Z-...
HEXAGON KEY WITH PIN

- for inside hexagon screws with bore hole
- nickel plated
- Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Pieces	Weight/g
0159020033000	159Z-3	66 x 23	24	5
0159020043000	159Z-4	74 x 29	24	10
0159020053000	159Z-5	85 x 33	24	18
0159020063000	159Z-6	96 x 38	24	30
0159020073000	159Z-7	102 x 41	24	43
0159020083000	159Z-8	108 x 44	12	59
0159020093000	159Z-9	105 x 38	12	75
0159020103000	159Z-10	122 x 50	12	103
0159020123000	159Z-12	137 x 57	12	160
0159020243000	159Z-24	248 x 114	1	1238
0159020273000	159Z-27	277 x 127	1	1740

159W-...
HEXAGON KEY WITH T-HANDLE

- for inside hexagon screws
- blades nickel plated
- 2C T-handle with lateral drive and suspension hole
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- DIN ISO 2936



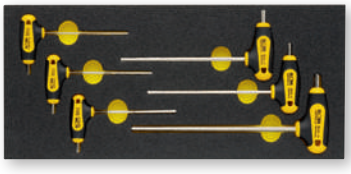
Code	Number	DIN 912	l/mm	Pieces	Weight/g
0159005023000	159W-2	M 2,5	100 x 13	12	18
0159005023005	159W-2,5	M 3	100 x 13	12	20
0159005033000	159W-3	M 4	100 x 13	12	23
0159005043000	159W-4	M 5	150 x 15	12	45
0159005053000	159W-5	M 6	150 x 15	12	58
0159005063000	159W-6	M 8	200 x 17	6	100
0159005083000	159W-8	M 10	200 x 17	6	150
0159005103000	159W-10	M 12	200 x 22	6	240

159SW
HEXAGON KEY SET

- for inside hexagon screws
- in workshop stand
- blades nickel plated
- 2C T-Handle with lateral drive and suspension hole
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	Contents	Pieces	Weight/g
0159600701000	159-SW	159W- 2x100, 2,5x100, 3x100, 4x150, 5x150, 6x200, 8x200	1	950

You will find the matching OMS-26 module on page no. 48



159KU-..., 159KUA-...

BALL END HEXAGON KEY, EXTRA LONG

- for inside hexagon screws
- for use in awkward areas
- swivel angel up to 30°
- ball profile on the long side
- nickel plated
- Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	DIN 912	l/mm	Pieces	Weight/g
0159030153000	159KU-1,5	M 1,6 M 2	81,5 x 14,5	48	2
0159030023000	159KU-2	M 2,5	87 x 18	48	3
0159030253000	159KU-2,5	M 3	92,5 x 9,5	48	5
0159030033000	159KU-3	M 4	103 x 22	24	7
0159030043000	159KU-4	M 5	114 x 29	24	15
0159030053000	159KU-5	M 6	133 x 32	24	27
0159030063000	159KU-6	M 8	156 x 36	24	46
0159030083000	159KU-8	M 10	178 x 43	12	92
0159030103000	159KU-10	M 12	200 x 50	12	128
0159030123000	159KU-12	M 14	226 x 57	12	265

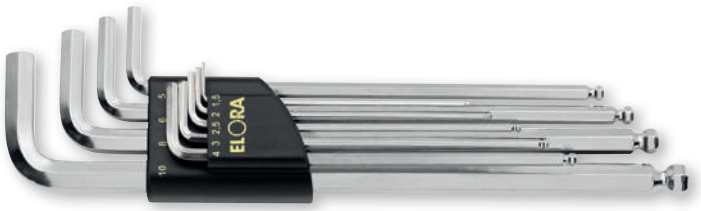
AF"

Code	Number	l/mm	Pieces	Weight/g
0159130023000	159KUA-1/16	81,5 x 14,5	48	2
0159130033000	159KUA-5/64	87 x 18	48	4
0159130043000	159KUA-3/32	92,5 x 19,5	48	6
0159130063000	159KUA-1/8	103 x 22	24	9
0159130083000	159KUA-5/32	114 x 29	24	18
0159130093000	159KUA-3/16	133 x 32	24	27
0159130113000	159KUA-7/32	142,5 x 32,5	24	40
0159130133000	159KUA-1/4	156 x 36	12	48
0159130173000	159KUA-5/16	178 x 43	12	97
0159130193000	159KUA-3/8	200 x 50	12	133
0159130233000	159KUA-1/2	293 x 63	12	360

159SKU E

BALL END HEXAGON KEY SET, EXTRA LONG

- in plastic holder
- for inside hexagon screws
- for use in awkward areas
- swivel angel up to 30°
- ball profile on the long side
- nickel plated
- Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936



mm

Code	Nummer	Contents	Pieces	Weight/g
0159530903002	159SKU E	159KU E- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10 mm	3	380

159SKU

BALL END HEXAGON KEY SET, EXTRA LONG

- in 2C-plastic holder
- for inside hexagon screws
- for use in awkward areas
- swivel angel up to 30°
- ball profile on the long side
- nickel plated
- Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Nummer	Contents	Pieces	Weight/g
0159530903000	159SKU	159KU- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10 mm	3	414

159SKU C

BALL END HEXAGON KEY SET, EXTRA LONG

- in plastic holder
- every size is assigned to its own colour
- for inside hexagon screws
- for use in awkward areas
- swivel angel up to 30°
- ball profile on the long side
- nickel plated
- Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	Pieces	Weight/g
0159535903001	159SKU C	159KU C- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10 mm	3	430

159S-KUB

BALL END HEXAGON KEY SET, EXTRA LONG

- in foldable plastic holder
- for inside hexagon screws
- for use in awkward areas
- swivel angel up to 30°
- ball profile on the long side
- nickel plated
- Chrome-Vanadium 59CrMoV4 / 1.2242
- DIN ISO 2936

mm

Code	Number	Contents	Pieces	Weight/g
0159535903000	159S-KUB	159KU- 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10 mm	3	430

162S-TXKU

TORX®-BALL END KEY SET

- in plastic holder
- for inside TORX® screws
- for use in awkward areas
- swivel angel up to 25°
- ball profile on the long side
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	Pieces	Weight/g
0162530805100	162S-TXKU	162TXKU- 9, 10, 15, 20, 25, 27, 30, 40	1	123

162TX-...

TORX®-KEY, SHORT

- for inside TORX® screws
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		l/mm		Pieces	Weight/g
0162000055100	162TX-5	1,42	44,5 x 18,5	M 1,8	12	2
0162000065100	162TX-6	1,69	44,5 x 18,5	M 2	12	2
0162000075100	162TX-7	1,99	50,5 x 18,5	M 2,5	12	2
0162000085100	162TX-8	2,31	51 x 19	M 2,5	12	3
0162000095100	162TX-9	2,50	51 x 19	M 3	12	3
0162000105100	162TX-10	2,79	54 x 20	M 3	12	4
0162000155100	162TX-15	3,27	57,5 x 21,5	M 3,5	12	5
0162000205100	162TX-20	3,86	61 x 23	M 4	12	7
0162000255100	162TX-25	4,43	64,5 x 24,5	M 5	12	10
0162000275100	162TX-27	4,99	69,5 x 26,5	M 5	12	15
0162000305100	162TX-30	5,52	76 x 30	M 6	12	20
0162000405100	162TX-40	6,65	83 x 33	M 8	12	30
0162000455100	162TX-45	7,82	91 x 37	M 8	12	43
0162000505100	162TX-50	8,83	104 x 41	M 10	12	65
0162000555100	162TX-55	11,22	120 x 47	M 12	12	120
0162000605100	162TX-60	13,25	134 x 52	M 14	12	190

162LTX...

TORX®-KEY, LONG

- for inside TORX® screws
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		l/mm		Pieces	Weight/g
0162010055100	162LTX-5	1,42	72 x 13	M 1,8	12	4
0162010065100	162LTX-6	1,69	80 x 15	M 2	12	4
0162010075100	162LTX-7	1,99	88 x 18	M 2,5	12	4
0162010085100	162LTX-8	2,31	101 x 20	M 2,5	12	6
0162010095100	162LTX-9	2,5	111 x 21	M 3	12	6
0162010105100	162LTX-10	2,74	121 x 23	M 3	12	6
0162010155100	162LTX-15	3,27	136 x 27	M 3,5	12	9
0162010205100	162LTX-20	3,86	148 x 29	M 4	12	12
0162010255100	162LTX-25	4,43	163 x 33	M 5	12	17
0162010275100	162LTX-27	4,99	170 x 36	M 5	12	24
0162010305100	162LTX-30	5,52	178 x 38	M 6	12	40
0162010405100	162LTX-40	6,65	188 x 43	M 8	12	59
0162010455100	162LTX-45	7,82	195 x 46		12	93
0162010505100	162LTX-50	8,83	200 x 50	M 10	12	130

162SLTX

TORX®-KEY SET, LONG

- in plastic holder
- for inside TORX® screws
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	Pieces	Weight/g
0162511305100	162S-LTX	162LTX- 5, 6, 7, 8, 9, 10, 15, 20, 25, 27, 30, 40, 50	3	440

162S-KTX

TORX®-KEY SET

- metal holder, nickel plated
- for inside TORX® screws
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	l/mm	Pieces	Weight/g
0162500005100	162S-KTX	162TX- 9, 10, 15, 20, 25, 27, 30, 40	110	1	235

162-KKTX

TORX®-KEY SET

- plastic holder with elevating mechanism
- for inside TORX® screws
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	l/mm	Pieces	Weight/g
0162500105100	162S-KKTX	162TX- 9, 10, 15, 20, 25, 27, 30, 40	130	1	260

762TX-...

TORX®-KEY WITH T-HANDLE

- for inside TORX® screws
- blade matt chrome plated, tip gun metal finish
- black plastic-T-handle with suspension hole
- TX-6 to TX-45: Chrome-Vanadium 61CrSiV5 / 1.2243
- TX-50 and TX-60: Chrome-Vanadium 59CrV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		l/mm		Pieces	Weight/g
0762000065100	762TX-6	1,69	80	M 2	6	34
0762000075100	762TX-7	1,99	80	M 2,5	6	34
0762000085100	762TX-8	2,31	80	M 2,5	6	34
0762000095100	762TX-9	2,5	80	M 3	6	34
0762000105100	762TX-10	2,74	100	M 3	6	38
0762000155100	762TX-15	3,27	100	M 3,5	6	38
0762000205100	762TX-20	3,86	100	M 4	6	38
0762000255100	762TX-25	4,43	105	M 5	6	72
0762000275100	762TX-27	4,99	105	M 5	6	74
0762000305100	762TX-30	5,52	125	M 6	6	102
0762000405100	762TX-40	6,65	125	M 8	6	116
0762000455100	762TX-45	7,82	125	M 8	6	130
0762000505100	762TX-50	8,83	125	M 8	6	130
0762000605100	762TX-60	13,25	125	M 10	6	150

06

762-TX20/300

TORX®-KEY WITH T-HANDLE, EXTRA LONG

- for inside TORX® screws
- gun metal finish
- black plastic-T-handle with suspension hole
- Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		l/mm		Pieces	Weight/g
0762000205101	762TX-20/300	5,52	350	M 4	6	120

762-TX30/300

TORX®-KEY WITH T-HANDLE, EXTRA LONG

- for inside TORX® screws
- blade matt chrome plated, tip gun metal finish
- black plastic-T-handle with suspension hole
- Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		l/mm		Pieces	Weight/g
0762000305101	762TX-30/300	5,52	300	M 6	6	110

162WTX-...

TORX®-KEY WITH T-HANDLE

- for inside TORX® screws
- blade matt chrome plated, tip gun metal finish
- 2C T-handle with lateral drive and suspension hole
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	✱mm	l/mm	▷mm	Pieces	Weight/g
0162020095100	162WTX-9	2,50	100 x 13	M 3	12	22
0162020105100	162WTX-10	2,74	100 x 13	M 3	12	22
0162020155100	162WTX-15	3,27	100 x 13	M 3,5	12	26
0162020205100	162WTX-20	3,86	150 x 15	M 4	12	44
0162020255100	162WTX-25	4,43	150 x 15	M 5	12	49
0162020275100	162WTX-27	4,99	150 x 15	M 5	12	62
0162020305100	162WTX-30	5,52	150 x 17	M 6	12	82
0162020405100	162WTX-40	6,65	150 x 17	M 8	12	100

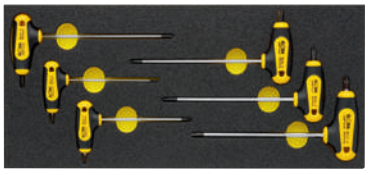
162-SWTX

TORX®-KEY SET WITH T-HANDLE

- Workshop display
- for inside TORX® screws
- blade matt chrome plated, tip gun metal finish
- 2C T-handle with lateral drive and suspension hole
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	Pieces	Weight/g
0162600801000	162-SWTX	TORX®-Hexagon Keys 162WTX- 9x100, 10x100, 15x100, 20x150, 25x150, 27x150, 30x150, 40x150	1	950

You will find the matching OMS-27 module on page no. 48



162S-KTTX

TORX®-KEY SET

- metal holder, nickel plated
- for inside TORX® safety screws
- with hole at drive end
- gun metal finish
- Chrome-Vanadium 59 CrMoV 4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	l/mm	Pieces	Weight/g
0162540805100	162S-KTTX	162-TTX- 9, 10, 15, 20, 25, 27, 30, 40	110	1	235

162S-KKTTX

TORX®-KEY SET

- plastic holder with elevating mechanism
- for inside TORX® safety screws
- with hole at drive end
- gun metal finish
- Chrome-Vanadium 59CrMoV4 / 1.2242
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	l/mm	Pieces	Weight/g
0162550805100	162S-KKTTX	162TTX- 9, 10, 15, 20, 25, 27, 30, 40	130	1	260

762TTX-...

TORX®-KEY WITH T-HANDLE

- for inside TORX® safety screws
- with hole at drive end
- blade matt chrome plated, tip gun metal finish
- black plastic-T-handle with suspension hole
- Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		l/mm		Pieces	Weight/g
0762010085100	762TTX-8	2,31	80	M2,5	6	34
0762010095100	762TTX-9	2,5	80	M3	6	34
0762010105100	762TTX-10	2,74	100	M3	6	38
0762010155100	762TTX-15	3,27	100	M3,5	6	38
0762010205100	762TTX-20	3,86	100	M4	6	38
0762010255100	762TTX-25	4,43	105	M5	6	72
0762010275100	762TTX-27	4,99	105	M5	6	74
0762010305100	762TTX-30	5,52	125	M6	6	102
0762010405100	762TTX-40	6,65	125	M8	6	116
0762010455100	762TTX-45	7,82	125	M8	6	130

160S-KXZN

OFFSET KEY SET

- for inside multi-point B&S and XZN screws
- metal holder with elevating mechanism
- nickel plated
- Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	Contents	l/mm	Pieces	Weight/g
0160500003000	160S-KXZN	Winkelschraubendreher 5, 6, 8, 10, 12	120	3	420

161S-KRIB

OFFSET KEY SET

- metal holder with elevating mechanism
- for RIBE®-CV-screws
- nickel plated
- RIBE® = reg. trademark of Richard Bergner GmbH & Co KG, Schwabach
- Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	Contents	l/mm	Pieces	Weight/g
0161500003000	161S-KRIB	Winkelschraubendreher 5, 6, 8, 10, 12	120	3	430

06

730-...

OFFSET KEY

- for cross slotted screws
- matt chrome plated, tip gun metal finish
- Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 5208, blade according to DIN ISO 8764-1 PH

Code	Number	Number	l/mm	Pieces	Weight/g
0730000011001	730-1	1+2	100	6	26
0730000031001	730-3	3+4	200	6	116

740-...

OFFSET KEY

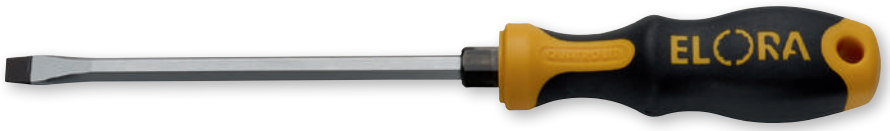
- for plain slotted screws
- matt chrome plated
- Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 5200, blade according to DIN ISO 2380

Code	Number	Edge	l/mm	Pieces	Weight/g
0740000041001	740-4	4,0 x 0,8	100	6	18
0740000051001	740-5,5	5,5 x 1,0	125	6	34
0740000081001	740-8	8,0 x 1,2	150	6	52

539/1-IS...

SCREWDRIVER

- for plain slotted screws
- matt chrome plated hexagon blade with forged hexagon section
- through hardened
- blade edge gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Special steel 73MoV5 / 1.2381
- according to DIN ISO 2380-2, blade tip according to DIN ISO 2380-1

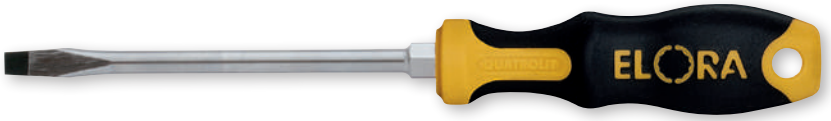


Code	Number	Edge mm	mm	mm	Hexagon mm	Pieces	Weight/g
0539021005600	539/1-IS 100	1,0 × 5,5	100	190	10	6	74
0539021255600	539/1-IS 125	1,2 × 6,5	125	220	13	6	115
0539021505600	539/1-IS 150	1,2 × 8,0	150	260	13	6	175
0539021755600	539/1-IS 175	1,6 × 10,0	175	290	13	6	190
0539022005600	539/1-IS 200	2,0 × 12,0	200	325	16	6	300
0539022505600	539/1-IS 250	2,5 × 14,0	250	375	16	6	340

539-IS

SCREWDRIVER

- for plain slotted screws
- matt chrome plated forged blade with forged hexagon section
- through hardened
- blade edge gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 2380-2, blade tip according to DIN ISO 2380-1



Code	Number	Edge mm	mm	mm	Hexagon mm	Pieces	Weight/g
0539020755500	539-IS 75	0,6 × 3,5	75	160	6	6	38
0539020905500	539-IS 90	0,8 × 4,0	90	175	6	6	40
0539021005500	539-IS 100	1,0 × 5,5	100	190	8	6	52
0539021255500	539-IS 125	1,2 × 6,5	125	220	10	6	86
0539021505500	539-IS 150	1,2 × 8,0	150	260	13	6	132
0539021755500	539-IS 175	1,6 × 10,0	175	290	13	6	174
0539022005500	539-IS 200	2,0 × 12,0	200	325	16	6	275
0539022505500	539-IS 250	2,5 × 14,0	250	375	16	6	317

545-ST IS...

SCREWDRIVER, "STAINLESS"

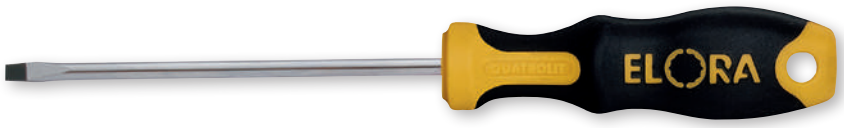
- for plain slotted screws
- forged blade
- through hardened
- no galvanic surface treatment
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Stainless Steel X46Cr13 / 1.4034
- according to DIN ISO 2380-2, blade tip according to DIN ISO 2380-1

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0545020757000	545-ST IS 75	0,6 × 3,5	75	160	6	38
0545021007000	545-ST IS 100	0,8 × 4,0	100	190	6	40
0545021257000	545-ST IS 125	1,0 × 5,5	125	215	6	52
0545021507000	545-ST IS 150	1,2 × 6,5	150	250	6	86
0545021757000	545-ST IS 175	1,6 × 8,0	175	280	6	132
0545022007000	545-ST IS 200	1,6 × 10,0	200	315	6	174

545-IS...

SCREWDRIVER

- for plain slotted screws
- matt chrome plated forged blade
- through hardened
- blade edge gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 2380-2, blade tip according to DIN ISO 2380-1

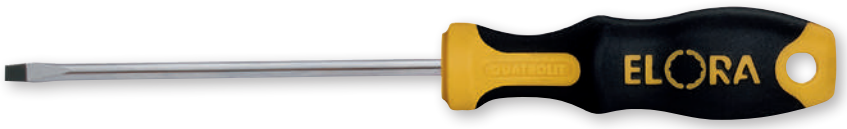


Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0545020755500	545-IS 75	0,6 × 3,5	75	160	6	38
0545021005500	545-IS 100	0,8 × 4,0	100	190	6	40
0545021255500	545-IS 125	1,0 × 5,5	125	210	6	60
0545021505500	545-IS 150	1,2 × 6,5	150	245	6	78
0545021755500	545-IS 175	1,2 × 8,0	175	280	6	127
0545022005500	545-IS 200	1,6 × 10,0	200	315	6	150
0545022505500	545-IS 250	2,0 × 12,0	250	375	6	220
0545023005500	545-IS 300	2,0 × 14,0	300	425	6	285

649-IS...

ELECTRICIANS SCREWDRIVER

- for plain slotted screws
- matt chrome plated forged blade
- through hardened
- blade edge gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- up to IS 75: blade made from ELORA-Special steel 73MoV5 / 1.2381
- all other made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 2380-2, blade tip according to DIN ISO 2380-1



Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0649020605500	649-IS 60	0,4 × 2,5	60	145	6	30
0649020755500	649-IS 75	0,5 × 3,0	75	160	6	32
0649021005500	649-IS 100	0,6 × 3,5	100	185	6	36
0649021085500	649-IS 108	0,8 × 4,0	100	185	6	40
0649021255500	649-IS 125	1,0 × 5,5	125	210	6	60
0649021505500	649-IS 150	1,0 × 5,5	150	235	6	66
0649021755500	649-IS 175	1,0 × 5,5	175	260	6	70
0649022005500	649-IS 200	1,0 × 5,5	200	295	6	84
0649023005500	649-IS 4,5x300	0,8 × 4,5	300	385	6	70
0649023005501	649-IS 6,0x300	1,0 × 6,0	300	395	6	114

559/1-PH...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated hexagon blade with forged hexagon section
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Special steel 73MoV5 / 1.2381
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PH

Code	Number	mm	mm	Hexagon mm	Pieces	Weight/g
0559020015600	559/1-PH 1	80	165	8	6	72
0559020025600	559/1-PH 2	100	195	10	6	106
0559020035600	559/1-PH 3	150	255	13	6	175
0559020045600	559/1-PH 4	200	325	16	6	295

559-PH...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated forged blade with forged hexagon section
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PH

Code	Number	mm	mm	Hexagon mm	Pieces	Weight/g
0559020015500	559-PH 1	80	165	6	6	40
0559020025500	559-PH 2	100	195	10	6	74
0559020035500	559-PH 3	150	255	13	6	131
0559020045500	559-PH 4	200	325	16	6	277

547-ST PH...

SCREWDRIVER, "STAINLESS"

- for cross slotted screws
- forged blade
- through hardened
- no galvanic surface treatment
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Stainless Steel X46Cr13 / 1.4034
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PH

Code	Number	mm	mm	Pieces	Weight/g
0547020007000	547-ST PH 0	60	145	6	23
0547020017000	547-ST PH 1	80	165	6	40
0547020027000	547-ST PH 2	100	195	6	65
0547020037000	547-ST PH 3	150	265	6	128

547-PH...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated forged blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- PH0 = blade made of ELORA-Special steel 73MoV52 / 1.2381
- PH1-4 = blade made of ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PH

Code	Number	mm	mm	Pieces	Weight/g
0547020005500	547-PH 0	60	145	6	23
0547020015500	547-PH 1	80	165	6	40
0547020025500	547-PH 2	100	195	6	65
0547020035500	547-PH 3	150	255	6	128
0547020045500	547-PH 4	200	315	6	212
0547020015530	547-PH 1x300*	300	395	6	187
0547020025530	547-PH 2x300*	300	405	6	250

569-PZ...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated forged blade with forged hexagon section
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PZ

Code	Number	mm	mm	Hexagon mm	Pieces	Weight/g
0569020015500	569-PZ 1	80	165	6	6	40
0569020025500	569-PZ 2	100	195	10	6	68
0569020035500	569-PZ 3	150	255	13	6	129
0569020045500	569-PZ 4	200	325	16	6	212

549-PZ...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- PZ0 = blade made of ELORA-Special steel 73MoV52 / 1.2381
- PZ1-3 = blade made of ELORA-Chrome-Vanadium 61CrSiV5 / 1.2243
- PZ4 = blade made of ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PZ

Code	Number	mm	mm	Pieces	Weight/g
0549020005500	549-PZ 0	60	145	6	23
0549020015500	549-PZ 1	80	165	6	40
0549020025500	549-PZ 2	100	195	6	68
0549020035500	549-PZ 3	150	255	6	129
0549020045500	549-PZ 4	200	315	6	212
0549020015530	549-PZ 1x300*	300	395	6	187
0549020025530	549-PZ 2x300*	300	405	6	250

* while stock last

543-IS...

SCREWDRIVER, SHORT VERSION

- for plain slotted screws
- matt chrome plated blade
- through hardened
- blade edge gun metal finish
- plastic handle
- with suspension hole
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 2380-2A, blade edge according to DIN ISO 2380-1

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0543020455500	543-IS 45	0,6 × 3,5	25	85	6	42
0543020605500	543-IS 60	1,0 × 5,5	25	85	6	42
0543020805500	543-IS 80	1,2 × 6,5	25	85	6	42

555-PH...

SCREWDRIVER, SHORT VERSION

- for cross slotted screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- plastic handle
- with suspension hole
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PH

Code	Number	mm	mm	Pieces	Weight/g
0555020015500	555-PH 1	25	85	6	42
0555020025500	555-PH 2	25	85	6	42
0555020035500	555-PH 3	25	85	6	42

554-PZ...

SCREWDRIVER, SHORT VERSION

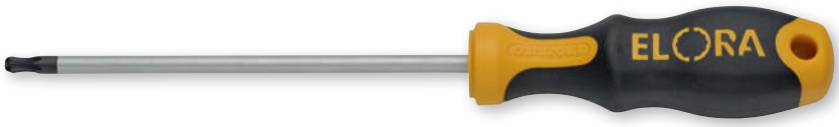
- for cross slotted screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- plastic handle
- with suspension hole
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 8764, tip according to DIN ISO 8764-1 PZ

Code	Number	mm	mm	Pieces	Weight/g
0554020015500	554-PZ 1	25	85	6	42
0554020025500	554-PZ 2	25	85	6	42
0554020035500	554-PZ 3	25	85	6	42

575-...

SCREWDRIVER WITH BALL END

- for inside hexagon screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- maximum swivel angle 20°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made of ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN ISO 2936

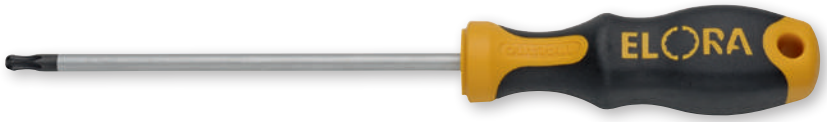


Code	Number	mm	mm	mm	Pieces	Weight/g
0575020027100	575-2	M 2,5	100	185	6	25
0575020257100	575-2,5	M3	100	175	6	27
0575020037100	575-3	M4	100	185	6	30
0575020047100	575-4	M5	100	185	6	51
0575020057100	575-5	M6	100	185	6	75
0575020067100	575-6	M8	125	220	6	90
0575020087100	575-8	M10	140	255	6	145
0575020107100	575-10	M12	140	265	6	220
0575020127100	575-12	M14	150	275	6	310

573TX-...

SCREWDRIVER WITH BALL END

- for inside TORX® screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- maximum swivel angle 20°
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made of ELORA-Chrom-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	Number	mm	mm	mm	mm	Pieces	Weight/g
0573020091000	573-9	2,50	60	135	M3	6	33
0573020101000	573-10	2,74	80	165	M3	6	47
0573020151000	573-15	3,27	80	165	M3,5	6	45
0573020201000	573-20	3,86	100	185	M4	6	50
0573020251000	573-25	4,43	100	185	M5	6	52
0573020271000	573-27	4,99	115	200	M5	6	62
0573020301000	573-30	5,52	115	200	M6	6	70
0573020401000	573-40	6,65	130	235	M8	6	118

760TX-...

SCREWDRIVER

- for inside TORX® screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made of ELORA-Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	mm	mm	mm	mm	Pieces	Weight/g
0760020031000	760TX-3	1,13	60	135	M1,2 - M1,4	6	30
0760020041000	760TX-4	1,29	60	135	M1,4	6	30
0760020051000	760TX-5	1,42	60	135	M1,8	6	30
0760020061000	760TX-6	1,69	60	135	M2	6	32
0760020071000	760TX-7	1,99	60	135	M2,5	6	32
0760020081000	760TX-8	2,31	60	135	M2,5	6	33
0760020091000	760TX-9	2,50	60	135	M3	6	33
0760020101000	760TX-10	2,74	80	165	M3	6	47
0760020151000	760TX-15	3,27	80	165	M3,5	6	45
0760020201000	760TX-20	3,86	100	185	M4	6	50
0760020251000	760TX-25	4,43	100	185	M5	6	52
0760020271000	760TX-27	4,99	115	200	M5	6	62
0760020301000	760TX-30	5,52	115	200	M6	6	70
0760020401000	760TX-40	6,65	130	235	M8	6	118

760-TX 30/300

SCREWDRIVER, EXTRA LONG

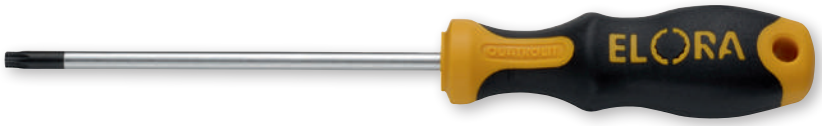
- for inside TORX® screws
- for low placed screw connections for e.g. instrument board and car body
- matt chrome plated blade
- through hardened
- tip gun metal finish
- with suspension hole
- blade made of ELORA-Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	mm	mm	mm	mm	Pieces	Weight/g
0760000301001	760TX- 30/300	5,52	320	430	M6	6	120

761TTX-...

SCREWDRIVER

- for inside TORX® safety screws
- with bore hole in tip
- matt chrome plated blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made of ELORA-Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	Number	mm	mm	mm	mm	Pieces	Weight/g
0761020091000	761TTX-6	1,69	60	135	M2	6	33
0761020091000	761TTX-7	1,99	60	135	M2,5	6	33
0761020091000	761TTX-8	2,31	60	135	M2,5	6	33
0761020091000	761TTX-9	2,50	60	135	M3	6	33
0761020101000	761TTX-10	2,74	80	165	M3	6	33
0761020151000	761TTX-15	3,27	80	165	M3,5	6	45
0761020201000	761TTX-20	3,86	100	185	M4	6	50
0761020251000	761TTX-25	4,43	100	185	M5	6	52
0761020271000	761TTX-27	4,99	115	200	M5	6	62
0761020301000	761TTX-30	5,52	115	200	M6	6	70
0761020401000	761TTX-40	6,65	130	235	M8	6	118

237

MAGNETIZER-DEMAGNETIZER

- to magnetize and demagnetize scewdriver blades, tweezers and similar tools
- to magnetize direct the tool slowly through the "+" opening,
  to demagnetize tool direct slowly through the "-" opening
- high-quality plastic, shock resistant, cadmium free,
  with two C8-Industrial permanent magnets

Code	Number	Pieces	Weight/g
0237000000000	237	6	85

579 S5-K, 581 S5-K

SCREWDRIVER SET

- 5 pcs.
- carton box packed
- matt chrome plated hexagon blade with forged hexagon section
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
0579520505500	579 S5-K	Screwdriver for plain slotted screws 539-IS 100, 125, 150 Screwdriver for cross slotted screws 559-PH 1, PH 2	1	520
0581520505500	581 S5-K	Screwdrivers for plain slotted screws 539-IS 100, 125, 150 Screwdriver for cross slotted screws 569-PZ 1, PZ 2	1	520

582 S5-K...

SCREWDRIVER SET

- 5 pcs.
- carton box packed
- matt chrome plated blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
0582520505501	582 S5-K-1	Screwdriver for plain slotted screws 545-IS 100, 125, 150 Screwdriver for cross slotted screws 549-PZ 1, PZ 2	1	400
0582520505502	582 S5-K-2	Screwdriver for plain slotted screws 545-IS 100, 125, 150 Screwdriver for cross slotted screws 547-PH1, PH2	1	400

583 S...

SCREWDRIVER SET

- 583 S5K=5 pcs.
- 583 S6K=6 pcs.
- in black plastic packaging with transparent cover
- matt chrome plated hexagon blade with forged hexagon section
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
0583520505500	583 S5-K	Screwdriver for plain slotted screws 539/1-IS 100, 125, 150 Screwdriver for cross slotted screws 559/1-PH 1, PH 2	1	380
0583520505501	583 S5-K-1	Screwdriver for plain slotted screws 539/1-IS 100, 125, 150 Screwdriver for cross slotted screws 559/1-PH 1, PH 2	1	660
0583520605500	583 S6-K	Screwdriver for plain slotted screws 539/1-IS 100, 125, 150 Screwdriver for cross slotted screws 559/1-PH 1, PH 2 Screwdriver, short version 543-IS 45	1	380

583 S6K-ST

SCREWDRIVER SET "STAINLESS"

- 6 pcs.
- carton box packed
- forged blade
- through hardened
- no galvanic surface treatment
- nonslip QUATROLIT®-2C-handle
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
0583520607000	583 S6K-ST	Screwdriver for plain slotted screws 545-ST IS 100, 125, 150 Screwdriver for cross slotted screws 547-ST PH 1, PH 2	1	440

583 S7-K...

SCREWDRIVER SET

- 7 pcs.
- carton box packed
- matt chrome plated hexagon blade with forged hexagon section
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
0583520705501	583 S7-K-1	Screwdriver for plain slotted screws 545-IS 75, 100, 125, 150 Screwdriver for cross slotted screws 549-PZ 1, PZ 2 Voltage Tester 561	1	460
0583520705502	583 S7-K-2	Screwdriver for plain slotted screws 545-IS 75, 100, 125, 150 Screwdriver for cross slotted screws 547-PH 1, PH 2 Voltage Tester 561	1	460

583 S6K...

SCREWDRIVER SET

- 6 pcs.
- carton box packed
- matt chrome plated blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole

Code	Number	Contents	Pieces	Weight/g
0583520605501	583 S6-K-1	Screwdriver for plain slotted screws 545-IS 75, 100, 125, 150 Screwdriver for cross slotted screws 549-PZ 1, PZ 2	1	440
0583520605502	583 S6-K-2	Screwdriver for plain slotted screws 545-IS 100, 125, 150 Screwdriver for cross slotted screws 547-PH 1, PH 2	1	440

760/761STX-...

SCREWDRIVER SET

- 6 pcs.
- STX=for inside TORX® screws
- STTX=for inside TORX® safety screws
- matt chrome plated blade
- through hardened
- tip gun metal finish
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- blade made of ELORA-Chrome-Vanadium 61CrSiV5 / 1.2243
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	Pieces	Weight/g
0760520605501	760 STX-6K-1	Screwdriver 760-TX 6, 7, 8, 9, 10, 15	1	340
0760520605502	760 STX-6K-2	Screwdriver 760-TX10, 15, 20, 25, 27, 30	1	400
0761520605501	761STTX-6K-1	Screwdrivers 761-TTX 6, 7, 8, 9, 10, 15	1	340
0761520605502	761STTX-6K-2	Screwdrivers 761-TTX 10, 15, 20, 25, 27, 30	1	400

You will find the matching OMS-modules on page no. 48-51

You will find the matching MS-modules on page no. 56-58

520

SCREWDRIVER HANDLE VARIANT

- hexagon bolster for 10 mm spanner drive and 6 mm hexagon chuck
- nonslip QUATROLIT®-2C-handle
- chuck and bolster made from special tool steel WX 69

Code	Number	l/mm	Pieces	Weight/g
0520020005500	520	95	6	42

535-IS 4

SCREWDRIVER BLADE VARIANT

- for plain slotted screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- blade edge according to DIN ISO 2380-1

Code	Number	⊖	Hexagon Size mm	l/mm	⊖	Pieces	Weight/g
0535000405500	535-IS 4	0,8 x 4,0	6	175	1,0 x 5,5	6	39

551-PH...

SCREWDRIVER BLADE VARIANT

- for plain and cross slotted screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- blade edge according to DIN ISO 2380-1
- tip according to DIN ISO 8764-1 PH

Code	Number	✚	Hexagon Size mm	l/mm	⊖	Pieces	Weight/g
0551000015500	551-PH 1	PH1	6	175	0,8 x 4,0	6	39
0551000025500	551-PH 2	PH2	6	175	1,0 x 5,5	6	39
0551000035500	551-PH 3	PH3	6	175	1,2 x 6,5	6	39

557-PH 12

SCREWDRIVER BLADE VARIANT

- for cross slotted screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- tip according to DIN ISO 8764-1 PH

Code	Number	✚	Hexagon Size mm	l/mm	✚	Pieces	Weight/g
0557000005500	557-PH 12	PH1	6	175	PH2	6	39

552-PZ...

SCREWDRIVER BLADE VARIANT

- for plain and cross slotted screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- blade edge according to DIN ISO 2380-1
- tip according to DIN ISO 8764-1 PZ

Code	Number	✱	Hexagon Size mm	l/mm	⊖	Pieces	Weight/g
0552000015500	552-PZ 1	PZ1	6	175	0,8 x 4,0	6	39
0552000025500	552-PZ 2	PZ2	6	175	1,0 x 5,5	6	39
0552000035500	552-PZ 3	PZ3	6	175	1,2 x 6,5	6	39

567-PZ 12

SCREWDRIVER BLADE VARIANT

- for cross slotted screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- tip according to DIN ISO 8764-1 PZ

Code	Number		Hexagon Size mm	l/mm		Pieces	Weight/g
0567000005500	567-PZ 12	PZ1	6	175	PZ2	6	39

577-...

SCREWDRIVER BLADE VARIANT

- for inside hexagon screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- according to DIN ISO 2936

Code	Number		Hexagon Size mm	l/mm		Pieces	Weight/g
0577000305500	577-3	KU3	6	175	IN3	6	38
0577000405500	577-4	KU4	6	175	IN4	6	39
0577000505500	577-5	KU5	6	175	IN5	6	40
0577000605500	577-6	KU6	6	175	IN6	6	40

527-TX...

SCREWDRIVER BLADE VARIANT

- for inside TORX® screws
- suitable for ELORA-No. 520
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number		Hexagon Size mm	l/mm		Pieces	Weight/g
0527000065500	527-TX 6,	TX 6	6	175	TX 8	6	39
0527000075500	527-TX 7	TX 7	6	175	TX 9	6	39
0527000105500	527-TX 10	TX 10	6	175	TX 15	6	39
0527000205500	527-TX 20	TX 20	6	175	TX 25	6	39
0527000305500	527-TX 30	TX 30	6	175	TX 40	6	39

527 S4

SCREWDRIVER SET VARIANT

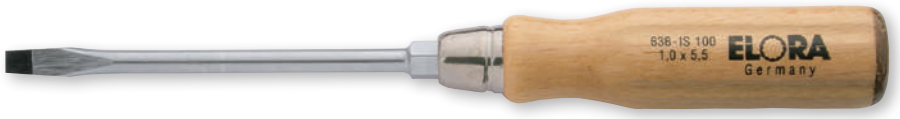
- 4 pcs.
- for inside TORX® screws
- in black plastic wallet
- hexagon bolster for 10 mm spanner drive and 6 mm hexagon chuck
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- hexagon blade matt chrome-plated
- through hardened
- ELORA-special steel 73MoV5 / 1.2381
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	Pieces	Weight/g
0527510405500	527 S4	Variant handle 520 Variant blade 527-TX 10 × TX 15 527-TX 20 × TX 25 527-TX 30 × TX 40	1	180

636-IS...

SCREWDRIVER

- for plain slotted screws
- matt chrome plated blade with forged hexagon section
- through hardened
- blade edge gun metal finish
- wooden handle, clear lacquered with leather cap
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- similar DIN ISO 2380-2, blade edge according to DIN ISO 2380-1



Code	Number	Edge mm	mm	mm	Hexagon mm	Pieces	Weight/g
0636000751000	636-IS 75	0,6 x 3,5	75	170	6	6	43
0636000901000	636-IS 90	0,8 x 4,5	90	185	6	6	50
0636001001000	636-IS 100	1,0 x 5,5	100	200	8	6	50
0636001251000	636-IS 125	1,2 x 6,5	125	235	10	6	110
0636001501000	636-IS 150	1,2 x 8,0	150	270	13	6	155
0636001751000	636-IS 175	1,6 x 10,0	175	300	13	6	200
0636002001000	636-IS 200	2,0 x 12,0	200	330	16	6	280
0636002501000	636-IS 250	2,5 x 14,0	250	390	16	6	340

656-PH...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated blade with forged hexagon section
- through hardened
- tip gun metal finish
- wooden handle, clear lacquered with leather cap
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- similar DIN ISO 8764-2, tip according to DIN ISO 8764-1 PH

Code	Number	mm	mm	Hexagon mm	Pieces	Weight/g
0656000011000	656-PH 1	85	180	6	6	50
0656000021000	656-PH 2	100	210	10	6	85
0656000031000	656-PH 3	150	270	13	6	165
0656000041000	656-PH 4	200	330	16	6	280

658-PZ...

SCREWDRIVER

- for cross slotted screws
- matt chrome plated blade with forged hexagon section
- through hardened
- tip gun metal finish
- wooden handle, clear lacquered with leather cap
- blade made from ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- similar DIN ISO 8764-2, tip according to DIN ISO 8764-1 PZ

Code	Number	mm	mm	Hexagon mm	Pieces	Weight/g
0658000011000	658-PZ 1	85	180	6	6	50
0658000021000	658-PZ 2	100	210	10	6	85
0658000031000	658-PZ 3	150	270	13	6	165
0658000041000	658-PZ 4	200	330	16	6	280

676 S5-K / 677 S5-K

SCREWDRIVER SET

- 5 pcs.
- carton box packed
- matt chrome plated blade with forged hexagon section
- through hardened
- tip gun metal finish
- wooden handle, clear lacquered with leather cap

Code	Number	Contents	Pieces	Weight/g
0676500509000	676 S5-K	Screwdriver for plain slotted screws 636-IS 100, 125, 150 Screwdriver for cross slotted screws 656-PH 1, PH 2	1	600
0677500509000	677 S5-K	Screwdriver for plain slotted screws 636-IS 100, 125, 150 Screwdriver for cross slotted screws 658-PZ 1, PZ 2	1	600

676 S7-K, 673 S7-K

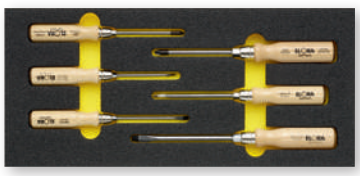
SCREWDRIVER SET

- 7 pcs.
- carton box packed
- matt chrome plated blade with forged hexagon section
- through hardened
- tip gun metal finish
- wooden handle, clear lacquered with leather cap

Code	Number	Contents	Pieces	Weight/g
0670500709000	670 S7-K	Screwdriver for plain slotted screws 636-IS 90, 100, 125, 150, 175 Screwdriver for cross slotted screws 656-PH 1, PH 2	1	850
0673500709000	673 S7-K	Screwdriver for plain slotted screws 636-IS 90, 100, 125, 150, 175 Screwdriver for cross slotted screws 658-PZ 1, PZ 2	1	850

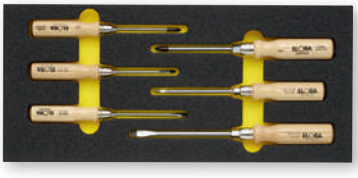
06

You will find the matching OMS-16 module on page no. 51



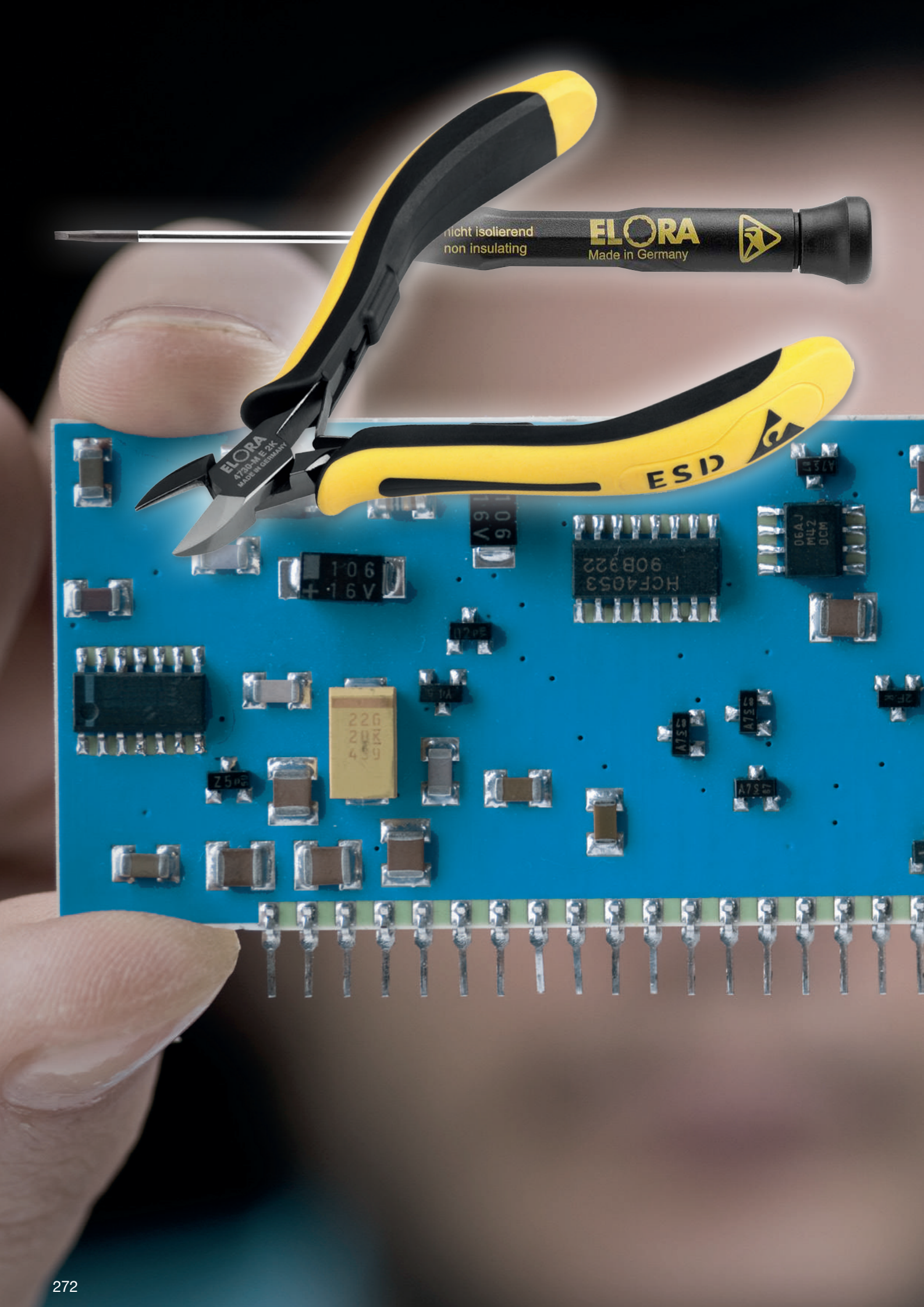
You will find the matching MS-41 module on page no. 58

You will find the matching OMS-17 module on page no. 51



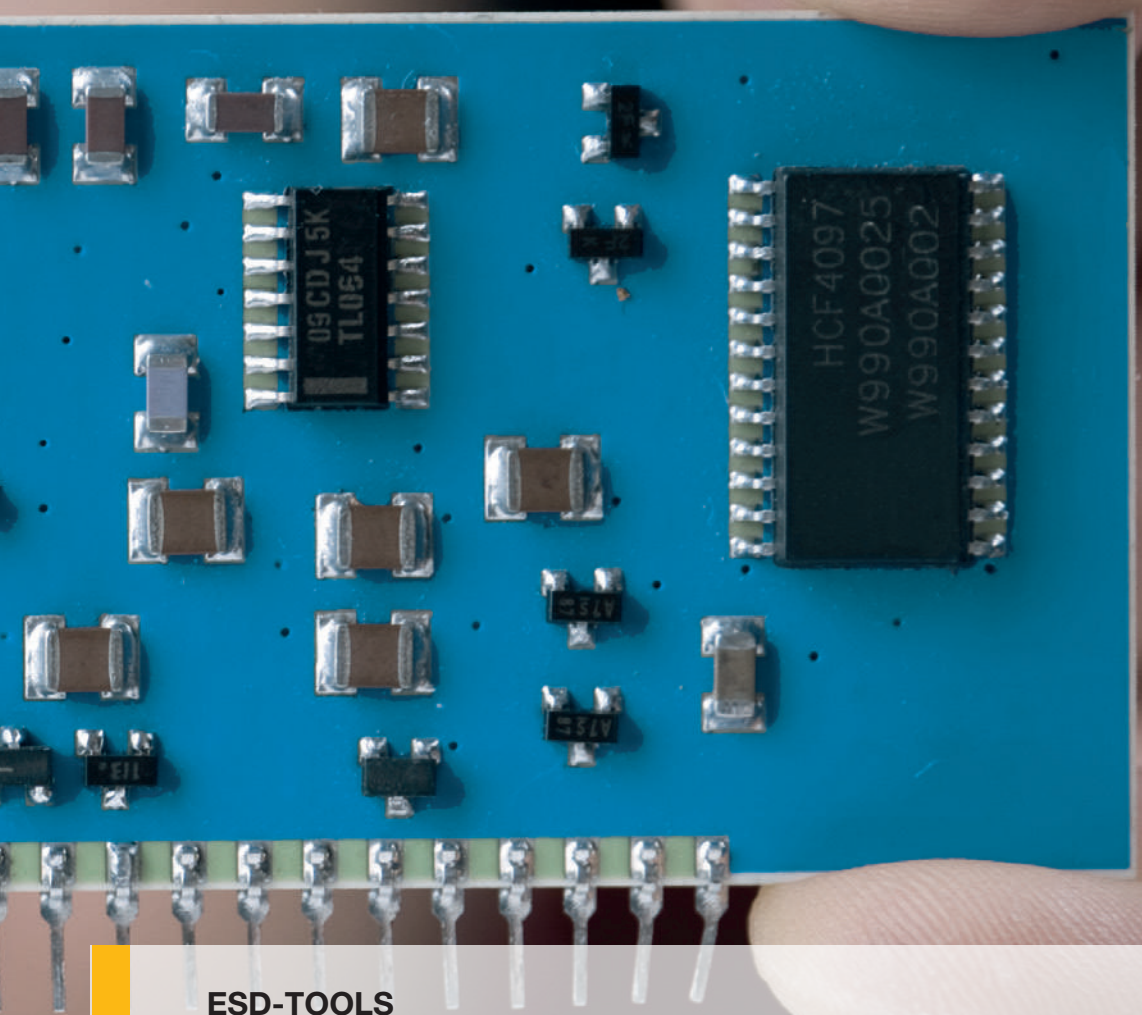
You will find the matching MS-40 module on page no. 58

ELORA
99 JAHRE JUBILÄUM
2014
ZUKUNFT HAT HERKUNFT


nicht isolierend
non insulating
ELORA
Made in Germany
ELORA
4730-M E 2K
MADE IN GERMANY
ESD

07

ELECTRICIANS- AND FINE MECHANICS TOOLS



ESD-TOOLS	Page 278
ELECTRONIC AND FINE MECHANICS TOOLS	Page 289
WIRE STRIPPING TOOLS AND CABLE SHEARS	Page 296
ELECTRICIANS SAFETY TOOLS	Page 302

BE ON THE SAFE SIDE.
ESD TOOLS FROM ELORA.

ESD stands for Electro Static Discharge. This means a brief, high discharge of electrical current, which results from large potential differences in an electrically insulating material.
Often, the cause of this potential difference is the result of charging owing to static electricity that is not noticed by a human. Even the smallest charges can result in lasting damage to electronic components.

A complex set of measures contributes to countering this danger. For example, an EPA (Electrostatic Protected Area) workstation always aims at getting the electrostatic charge discharged to earth potential in a controlled manner.

Note:
ESD-tools from ELORA are not suitable for working on electrically live parts!

ESD

Dissipative working clothes, the typical ESD armband with a spiral cable and electrostatically safe tools are standard components of such a workplace. These tools are marked accordingly.

ESD tools from ELORA conform to the ESD-standard DIN IEC 61340-5-1. They are fitted with handles of special conductive material, whose surface resistance is in the range 106 to 109 Ohm. The handle size provides the required contact surface to the hand of the user to ensure that the discharging takes place in a “soft” manner that is gentle on the materials – sensitive components and assemblies remain fully functional despite the mechanical intervention of humans.

The comprehensive ELORA range of pliers meets the requirements of professional users. The antistatic, ergonomic and slip-resistant two-component handles faciliate safe guidance of the pliers and optimum transmission of force. ELORA ESD pliers are available with the most varied range of heads or jaws.

Production specification
The plier blanks are hot-forged in separate high-precision special dies within narrow tolerances. The result is a material quality which, because of its molecular structure, is far superior to punched or cold-formed blanks. We align the individual choice of materials according to the different demands of gripping or cutting pliers.
Gripping pliers are subject to torsional and bending forces as well as a greater stress on the surfaces and edges. Through the use of carbon steel C45, we achieve the optimum hardness value of 45 HRC.

Cutting pliers are highly stressed especially in the area of the cutting edges, apart from the torsional and bending forces.
In order to ensure sufficient cutting edge hardness with high flexibility and load-bearing capacity, we use high-alloy steels between carbon steel C 60 and chrome-vanadium. The maximum cutting edge hardness is 65 HRC.

For the superior processing of extremely hard or tough materials, we equip a part of our side cutter and diagonal cutter range with carbide cutting edges. These are ideally suitable for cutting through piano wire, nickel wire or diode wire as well as for glass fibre, which are being increasingly used in the electronics and aviation industry.

We achieve perfection of form and no-compromise cutting edge sharpness in the traditional hand-grinding process – an impressive finished look through the subsequent surface treatment or surface finishing. Piece by piece.

The VDE GS symbol

This symbol indicates that the tools so marked have been tested for safety regarding potential hazards from electricity, physical danger, heat, radiation and other hazards. The symbol is equivalent to the German VDE requirements and comparable with harmonised standards in the EU and around the world and confirms that the defined tolerance limits have been adhered to.

Double triangle and voltage range

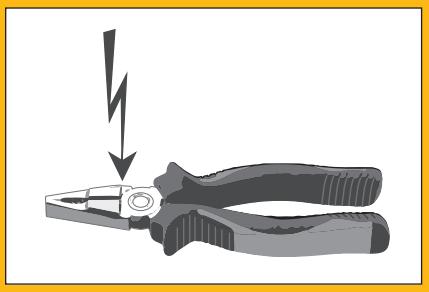
1000 V

Markings for insulated tools consisting of the double triangle show their suitability for work on electrical systems that are still “live”. The voltage or voltage range given shows the maximum safe load in volts.

Safety checks to IEC standards using a pair of ELORA pliers as an example

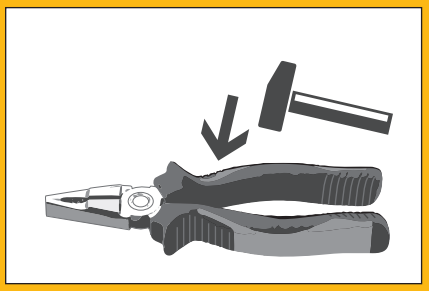
1. Voltage test

ELORA VDE tools are individually tested to 10,000 V AC and are approved for work in systems carrying a live voltage of up to 1,000 V AC or 1,500 V DC.



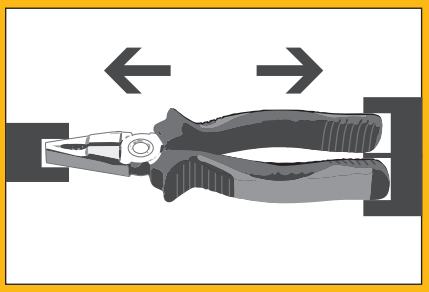
2. Impact test

The insulating material of ELORA VDE tools is subjected to an impact test. At an ambient temperature of +23 °C and after storage for 2 hours at -25 °C, an impact test is performed to see whether the insulation material can withstand jolts and impacts after being subjected to these fluctuations in temperature. The test must not cause any of the insulation to crack, rupture or peel off.



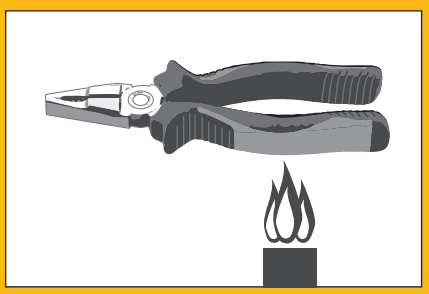
3. Adhesion test

Even under high loads, the insulation material must remain firmly bonded to the tool. First, the tool is stored for 168 hours at a temperature of 70 °C. Then the adhesive strength of the insulation material is subjected to a tensile force of 500 N.



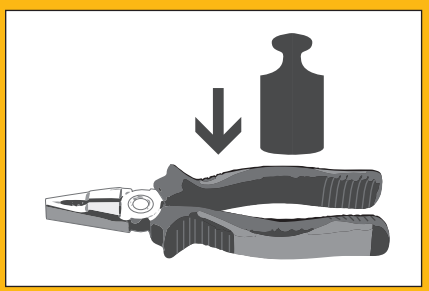
4. Testing resistance to fire

A test flame is aimed at the tool for a duration of 10 seconds. Once the flame is removed, the flame emitted by the insulation must not exceed 120 mm for a period of 20 seconds.



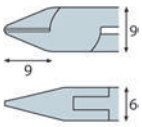
5. Pressure test

After being stored for 2 hours at 70 °C, the insulation material of the ELORA VDE tools is subjected to a compressive force of 20 N and a testing voltage of 5,000 V AC for three minutes. During this time, there must be no disruptive discharge or arcing on the surface or in the air.



4510
ELECTRONIC SIDE CUTTER ESD

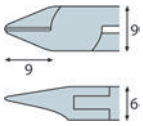
- for cutting in places difficult to access, for work with endangered electronic components
- pointed, narrow head, small version with fine bevel, maximum stability under load of the cutting edges by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4510010001000	4510-F E 2K	0,8 / 20	1,5 / 15	120	1	62

4520-...
ELECTRONIC SIDE CUTTER ESD

- for all work with electrostatic endangered components
- pointed head, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finished, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- F= with fine bevel
- O= without bevel
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1

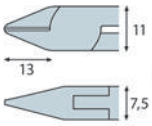


Code	Number	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4520010001000	4520-F E 2K	0,8 / 20	1,5 / 15	120	1	63
4520030001000	4520-O E 2K	0,6 / 22	1,5 / 15	120	1	63

07

4550-...
ELECTRONIC SIDE CUTTER ESD

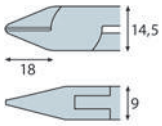
- for all work with electrostatic endangered components
- pointed head, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- M= with bevel
- F= with fine bevel
- O= without bevel
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4550020001000	4550-M E 2K	0,3 / 28	1,0 / 18	1,5 / 15	125	1	70
4550010001000	4550-F E 2K	-	1,0 / 18	1,5 / 15	125	1	70
4550030001000	4550-O E 2K	-	0,8 / 20	1,5 / 15	125	1	70

4760
ELECTRONIC SIDE CUTTER ESD

- for all work with electrostatic endangered components
- pointed head, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9
- cutting edge hardness 61-63 HRC
- ELORA -high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1

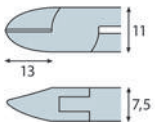


Code	Number	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4760010001000	4760-F E 2K	1,5 / 15	2,0 / 12	135	1	105

4530-...

ELECTRONIC SIDE CUTTER ESD

- for all work with electrostatic endangered components
- oval head, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- M= with bevel
- F= with fine bevel
- O= without bevel
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1

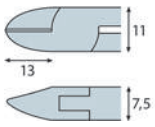


Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4530020001000	4530-M E 2K	0,4 / 26	1,0 / 18	1,5 / 15	125	1	70
4530010001000	4530-F E 2K	-	1,0 / 18	1,5 / 15	125	1	70
4530030001000	4530-O E 2K	-	0,8 / 20	1,5 / 15	125	1	70

4540

ELECTRONIC SIDE CUTTER WITH WIRE TRAPPING SPRING ESD

- with trapping wire to cut off wire, for all work with electrostatic endangered components
- oval head with wire trapping spring, with bevel, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1

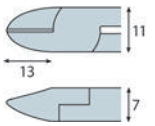


Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4540020001000	4540-M E 2K	0,4 / 26	1,0 / 18	1,5 / 15	125	1	68

4730

ELECTRONIC SIDE CUTTER ESD

- for all work with electrostatic endangered components
- oval head, with bevel, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1

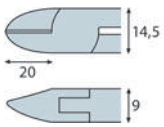


Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4730020001000	4730-M E 2K	0,4 / 26	1,0 / 18	1,5 / 15	120	1	80

4560

ELECTRONIC SIDE CUTTER ESD

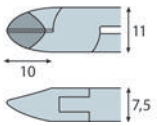
- for all work with electrostatic endangered components
- oval head, with bevel, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4560020001000	4560-M E 2K	0,7 / 21	1,5 / 15	2,0 / 12	135	1	110

4620
ELECTRONIC TUNGSTEN CARBIDE SIDE CUTTER ESD

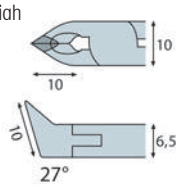
- for cutting very hard materials with coincident maximum stability under load, for all work with electrostatic endangered components
- oval head, with bevel, maximum stability under load due to carbide inlay and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 84-86 HRA
- ELORA-Chrome-Vanadium 80 CrV2 / 1.2235 and special carbide metal
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Piano mm / AWG	Hard mm / AWG	Medium mm / AWG	l/mm	Pieces	Weight/g
4620020001000	4620-M E 2K	0,6 / 22	1,0 / 18	2,0 / 12	125	1	73

4640
ELECTRONIC TUNGSTEN CARBIDE OBLIQUE CUTTER ESD

- for frontal virtually flush cutting of very hard wires, can be used horizontally and vertically for work with electrostatic endangered components
- straight, compact, solid head, maximum stability under load by carbide inlay and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 84-86 HRA
- ELORA-Chrome-Vanadium 80 CrV2 / 1.2235 and special carbide metal
- DIN ISO 9654, ESD: DIN IEC 614340-5-1

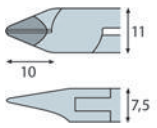


Code	Number	Piano mm / AWG	Hard mm / AWG	Medium mm / AWG	l/mm	Pieces	Weight/g
4640010001000	4640-F E 2K	0,6 / 22	1,0 / 18	2,0 / 12	120	1	66

07

4630
ELECTRONIC TUNGSTEN CARBIDE SIDE CUTTER ESD

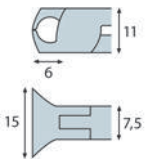
- for cutting very hard wires which are difficult to access, for all work with electrostatic endangered components
- pointed, narrow head with groove and fine bevel, small version, maximum stability under load by carbide inlay and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 84-86 HRA
- ELORA-Chrome-Vanadium 80 CrV2 / 1.2235 and special carbide metal
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Piano mm / AWG	Hard mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4630010001000	4630-F E 2K	0,4 / 26	0,8 / 20	1,8 / 13	125	1	70

4600
ELECTRONIC TOP CUTTER ESD

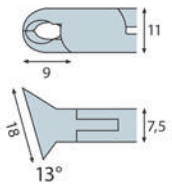
- for frontal virtually flush cutting of wires, for work with electrostatic endangered components
- wide head, long cutting edges, with fine bevel, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4600010001000	4600-F E 2K	0,5 / 24	1,2 / 16	1,6 / 14	125	1	80

4590
ELECTRONIC OBLIQUE CUTTER ESD

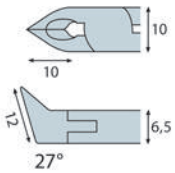
- for frontal virtually flush cutting of wires, can be used horizontally and vertically for work with electrostatic endangered components
- wide head, long cutting edges, with fine bevel, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4590010001000	4590-F E 2K	0,5 / 24	1,2 / 16	1,6 / 14	125	1	87

4580-...
ELECTRONIC OBLIQUE CUTTER ESD

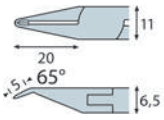
- for frontal virtually flush cutting of wires, can be used horizontally and vertically for work with electrostatic endangered components
- straight, compact, solid head, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- F= with fine bevel
- O= without bevel
- cutting edge hardness 61-63 HRC
- ELORA-high grade tool steel C60 / 1.0601
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Hard mm / AWG	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4580010001000	4580-F E 2K	0,4 / 26	1,0 / 18	1,2 / 16	120	1	65
4580030001000	4580-O E 2K	-	0,8 / 20	1,0 / 18	120	1	65

4570
ELECTRONIC OBLIQUE TIP CUTTER ESD

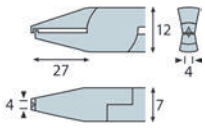
- for virtually flush cutting of thin, soft wires in places difficult to access, for work with electrostatic endangered components
- extra narrow head, fine bevel, maximum stability under load by additional inductive hardening and box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- cutting edge hardness 61-63 HRC
- ELORA-Chrome-Vanadium 80CrV2 / 1.2235
- DIN ISO 9654, ESD: DIN IEC 614340-5-1



Code	Number	Medium mm / AWG	Soft mm / AWG	l/mm	Pieces	Weight/g
4570010001000	4570-F E 2K	0,6 / 22	0,8 / 20	130	1	72

4770
ELECTRONIC WIRE STRIPPING PLIER ESD

- for wire stripping of PVC, Teflon etc., for work with electrostatic endangered components
- brass adjustment screw inside jaws, inlaid joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6-10^9 Ohm
- ELORA-high grade tool steel C45 / 1.0503
- ESD: DIN IEC 61340-5-1

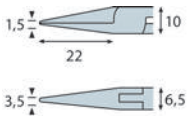


Code	Number	Ø mm	l/mm	Pieces	Weight/g
4770000001000	4770-1 E 2K	0,1 - 0,8	150	1	86

4710-...

ELECTRONIC FLAT NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- straight, short jaws, flat tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- OH= smooth gripping surface, without cut
- MH= serated gripping surface, with cut
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1

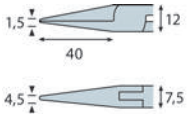


Code	Number	serrated	smooth	l/mm	Pieces	Weight/g
4710050001000	4710-0H E 2K	-	x	130	1	68
4710040001000	4710-MH E 2K	x	-	130	1	68

4740

ELECTRONIC FLAT NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- straight, long jaws, flat tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- smooth gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1



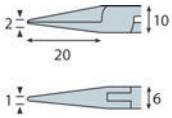
Code	Number	smooth	l/mm	Pieces	Weight/g
4740050001000	4740-0H E 2K	x	150	1	86

07

4720

ELECTRONIC ROUND NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- short jaws, round tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- smooth gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1

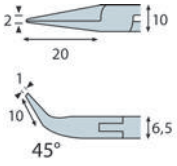


Code	Number	smooth	l/mm	Pieces	Weight/g
4720050001000	4720-0H E 2K	x	130	1	64

4670

ELECTRONIC SNIPE NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- angled, short jaws, half round tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- smooth gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1

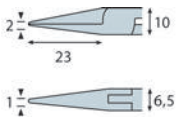


Code	Number	smooth	l/mm	Pieces	Weight/g
4670050001000	4670-0H E 2K	x	130	1	68

4660-...

ELECTRONIC SNIPE NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- short, straight jaws, half round tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- OH: smooth gripping surface
- MH: serated gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1

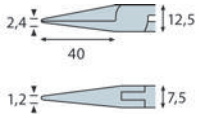


Code	Number	serrated	smooth	l/mm	Pieces	Weight/g
4660050001000	4660-0H E 2K	-	x	130	1	70
4660040001000	4660-MH E 2K	x	-	130	1	70

4680

ELECTRONIC SNIPE NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- long, straight jaws, half round tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- serrated gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1

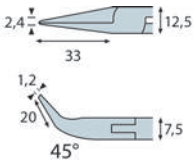


Code	Number	serrated	l/mm	Pieces	Weight/g
4680040001000	4680-MH E 2K	x	155	1	91

4690

ELECTRONIC SNIPE NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- angled, straight long jaws, half round tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- serrated gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1

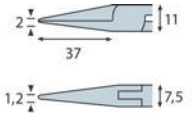


Code	Number	serrated	l/mm	Pieces	Weight/g
4690040001000	4690-MH E 2K	x	155	1	90

4700

ELECTRONIC SNIPE NOSE PLIER ESD

- for fine precision gripping and bending work, for work with electrostatic endangered components
- very fine, slim, long, straight jaws, half round tips, box joint, with double opening leaf spring, polished and high gloss gunmetal-finish, with 2-C ESD handles, surface resistance 10^6–10^9 Ohm
- smooth gripping surface
- ELORA-high grade tool steel C45 / 1.0503
- DIN ISO 9655, ESD: DIN IEC 61340-5-1



Code	Number	smooth	l/mm	Pieces	Weight/g
4700050001000	4700-0H E 2K	x	150	1	83

You will find more Electronic Side Cutters on page no. 289

600-IS...ESD

ELECTRONIC SCREWDRIVER ESD

- for plain slotted screws
- for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0600086002000	600-IS 0,8x60 ESD	0,2 x 0,8	60	157	6	16
0600126002000	600-IS 1,2x60 ESD	0,2 x 1,2	60	157	6	16
0600156002000	600-IS 1,5x60 ESD	0,25 x 1,5	60	157	6	16
0600186002000	600-IS 1,8x60 ESD	0,3 x 1,8	60	157	6	16
0600256002000	600-IS 2,5x60 ESD	0,4 x 2,5	60	157	6	16
0600257502000	600-IS 2,5x75 ESD	0,4 x 2,5	75	172	6	20
0600301002000	600-IS 3,0x100 ESD	0,5 x 3,0	100	197	6	20
0600301502000	600-IS 3,0x150 ESD	0,5 x 3,0	150	247	6	23
0600302402000	600-IS 3,0x240 ESD	0,5 x 3,0	240	337	6	30
0600401002000	600-IS 4,0x100 ESD	0,8 x 4,0	100	197	6	25
0600401502000	600-IS 4,0x150 ESD	0,8 x 4,0	150	247	6	30
0600452502000	600-IS 4,5x250 ESD	0,8 x 4,5	250	347	6	33

610-PH...ESD

ELECTRONIC SCREWDRIVER ESD

- for cross slotted screws
- for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1

Code	Number	mm	mm	Pieces	Weight/g
0610000002002	610-PH 000 ESD	60	157	6	12
0610000002001	610-PH 00 ESD	60	157	6	12
0610000002000	610-PH 0 ESD	60	157	6	13
0610000012000	610-PH 1 ESD	60	157	6	23
0610000012001	610-PH 1x185 ESD	185	282	6	45
0610000012002	610-PH 1x285 ESD	285	382	6	60

625-...ESD

ELECTRONIC SCREWDRIVER ESD

- for inside hexagon screws
- for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1

Code	Number	mm	mm	Pieces	Weight/g
0625000072000	625-0,7 ESD	50	147	6	14
0625000092000	625-0,9 ESD	50	147	6	14
0625000132000	625-1,3 ESD	50	147	6	14
0625000152000	625-1,5 ESD	50	147	6	14
0625000202000	625-2,0 ESD	50	147	6	14
0625000252000	625-2,5 ESD	60	157	6	16
0625000302000	625-3,0 ESD	60	157	6	16
0625000352000	625-3,5 ESD	60	157	6	17
0625000402000	625-4,0 ESD	60	157	6	19

625-KU...ESD

ELECTRONIC BALL END SCREWDRIVER ESD

- for inside hexagon screws
- for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1

Code	Number	mm	mm	Pieces	Weight/g
0625000151000	625-KU 1,5 ESD	50	147	6	14
0625000201000	625-KU 2,0 ESD	50	147	6	14
0625000251000	625-KU 2,5 ESD	60	157	6	14
0625000301000	625-KU 3,0 ESD	60	157	6	14

630-...ESD

ELECTRONIC SOCKET SPANNER ESD

- for outside hexagon screws
- for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1

Code	Number	mm	mm	Pieces	Weight/g
0630000252000	630-2,5 ESD	60	157	6	21
0630000302000	630-3,0 ESD	60	157	6	22
0630000322000	630-3,2 ESD	60	157	6	22
0630000352000	630-3,5 ESD	60	157	6	23
0630000402000	630-4,0 ESD	60	157	6	24
0630000452000	630-4,5 ESD	60	157	6	25
0630000502000	630-5,0 ESD	60	157	6	26
0630000552000	630-5,5 ESD	60	157	6	27

620-TTX...ESD

ELECTRONIC SCREWDRIVER ESD

- suitable for smallest inside TORX® screws with locking pin, for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1
- TORX®= reg. trade mark of Acument Intellectual Properties, LLC. USA

Code	Number	mm	mm	mm	Pieces	Weight/g
0620000073000	620-TTX 7 ESD	1,99	50	147	6	13
0620000083000	620-TTX 8 ESD	2,31	60	157	6	13
0620000093000	620-TTX 9 ESD	2,50	60	157	6	13
0620000103000	620-TTX10 ESD	2,74	80	177	6	13
0620000153000	620-TTX15 ESD	3,27	80	177	6	13

620-TX...ESD

ELECTRONIC SCREWDRIVER ESD

- for smallest inside TORX® screws
- for work with electrostatic endangered components
- blade through hardened and chrome-plated, tip gunmetal-finish
- ESD precision handle with rotating cap, surface resistance 10^6–10^9 Ohm
- blade made of high quality ELORA-Chrome-Vanadium-Molybdenum steel
- DIN 91953, DIN EN 100-015/1
- ESD: DIN IEC 61340-5-1
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	mm	mm	mm	Pieces	Weight/g
0620000012000	620-TX 1 ESD	0,84	50	147	6	13
0620000022000	620-TX 2 ESD	0,94	50	147	6	13
0620000032000	620-TX 3 ESD	1,12	50	147	6	13
0620000042000	620-TX 4 ESD	1,30	50	147	6	13
0620000052000	620-TX 5 ESD	1,42	50	147	6	13
0620000062000	620-TX 6 ESD	1,67	50	147	6	13
0620000072000	620-TX 7 ESD	1,99	50	147	6	13
0620000082000	620-TX 8 ESD	2,31	60	157	6	13
0620000092000	620-TX 9 ESD	2,50	60	157	6	13
0620000102000	620-TX 10 ESD	2,74	80	177	6	13
0620000152000	620-TX 15 ESD	3,27	80	177	6	15
0620000202000	620-TX 20 ESD	3,86	100	197	6	15

07

You will find more electronic screwdrivers on page no. 290

5170-STE, 5180-STE, 5190-STE

POSITIONING TWEEZERS ESD

- for holding, positioning and unsoldering of vertical and horizontal cylindrical devices
- anti-glare black finish, grooved gripping surfaces, surface resistance 10^6-10^9 Ohm
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Number	Points	l/mm	Pieces	Weight/g
5170000007000	5170-STE	Ø 0,8 mm, oval	120	6	14
5180000007000	5180-STE	Ø 1,5 mm, oval	120	6	14
5190000007000	5190-STE	Ø 1,5 mm oblique, half round	120	6	14

5210-STE

POSITIONING TWEEZERS ESD

- for all fine gripping and assembly work
- anti-glare black finish, inside vertical concave, until Ø 2mm, grooved gripping surfaces, surface resistance 10^6-10^9 Ohm
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Number	l/mm	Pieces	Weight/g
5210000007000	5210-STE	120	6	14

5160-STE, 5240-STE

ELECTRONIC TWEEZERS ESD

- for all fine gripping and assembly work
- anti-glare black finish, smooth gripping and grab surfaces, extremely fine, straight tips, surface resistance 10^6-10^9 Ohm
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Number	l/mm	Pieces	Weight/g
5160000007000	5160-STE	120	6	14
5240000007000	5240-STE	140	6	20

5260-STE, 5270-STE, 5280-STE

ELECTRONIC TWEEZERS ESD

- for all fine gripping and assembly work
- anti-glare black finish, smooth gripping and grab surfaces, surface resistance 10^6-10^9 Ohm
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Number	Points	l/mm	Pieces	Weight/g
5260000007000	5260-STE	curved, extremely fine	122	6	20
5270000007000	5270-STE	curved and bent, extremely fine	122	6	20
5280000007000	5280-STE	double curved and bent, extremely fine	122	6	20

5330-STE, 5340-STE

ELECTRONIC TWEEZERS ESD

- for all fine gripping and assembly work
- satin antiglare black finish, smooth gripping surfaces, surface resistance 10^6-10^9 Ohm, antimagnetic, acid-proof, stainless
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Number	Points	l/mm	Pieces	Weight/g
5330000007000	5330-STE	gebogen, extrem fein	108	6	12
5340000007000	5340-STE	gerade, extrem fein	108	6	12

5350-STE

ELECTRONIC TWEEZER ESD

- for all fine gripping and assembly work
- anti-glare black finish, smooth gripping and grab surfaces, flat, extremely long, fine tips, surface resistance 10^6-10^9 Ohm
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Nummer	l/mm	Stück	Gewicht/g
5350000007000	5350-STE	130	6	20

5200-STE

IC TWEEZERS ESD

- for all fine gripping and assembly work
- anti-glare black finish, grooved gripping and grab surfaces, with IC-tip, surface resistance 10^6-10^9 Ohm
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel
- ESD: DIN IEC 61340-5-1

Code	Nummer	l/mm	Stück	Gewicht/g
5200000007000	5200-STE IC	120	6	14

600-S15

ESD-SET

- 15 pcs.
- in black plastic box with 2-colour foam material
- TORX®= reg. trade mark of Acument Intellectual Properties, LLC. USA

Code	Nummer	Inhalt		Gewicht/g
0600500151000	600-S15	Elektronik Seitenschneider, ESD 4560-ME 2K, 4530-OE 2K Elektronik Flachzange, ESD 4710-OH E 2K Elektronik Spitzzange, ESD 4660-OH E 2K Elektronik Schlitzschraubendreher, ESD 600-IS 0,8x60, 1,5x60, 2,5x60 Elektronik Kreuzschlitzschraubendreher, ESD 610-PH 000x60, 00x60, 0x60 Elektronik-Schraubendreher für TORX®-Schrauben, ESD 620-TX 5, 6, 7 Elektronikpinzette, ESD 5330-STE, 5340-STE	1	2100

432
ELECTRONIC SIDE CUTTER

- oval head, lap joint, with double leaf spring
- with dip insulated PVC handles
- gunmetal-finish, polished head
- ELORA-high grade tool steel C60 / 1.0601

Code	Number	Art.-Indication	l/mm	Pieces	Weight/g
0432000000000	432	with bevel edge	110	1	64

435
ELECTRONIC SIDE CUTTER

- pointed head, lap joint, with double leaf spring
- with dip insulated PVC handles
- gunmetal-finish, polished head
- ELORA-high grade tool steel C60 / 1.0601

Code	Number	Art.-Indication	l/mm	Pieces	Weight/g
0435000000000	435	with bevel edge	110	1	62

You will find ESD-pliers and -side cutters on page no. 278-283

600-IS...

ELECTRONIC SCREWDRIVER

- for plain slotted screws
- dull chrome plated blade with additionally coated blade tip
- 2 component grip, revolving end-cap, non-slip micro-surface
- blade made of ELORA-Chrome-Vanadium-Molybdenum steel 73MoV5 / 1.2381

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0600012601000	600-IS 1,2x60	0,25 x 1,2	60	153	6	11
0600015601000	600-IS 1,5x60	0,23 x 1,5	60	153	6	11
0600018601000	600-IS 1,8x60	0,3 x 1,8	60	153	6	11
0600020601000	600-IS 2,0x60	0,4 x 2,0	60	153	6	11
0600025751000	600-IS 2,5x75	0,4 x 2,5	75	168	6	11
0600030101000	600-IS 3,0x100	0,5 x 3,0	100	193	6	16
0600030151000	600-IS 3,0x150	0,5 x 3,0	150	243	6	19
0600035101000	600-IS 3,5x100	0,6 x 3,5	100	193	6	20
0600040101000	600-IS 4,0x100	0,8 x 4,0	100	193	6	24
0600040151000	600-IS 4,0x150	0,8 x 4,0	150	243	6	31

610-PH...

ELECTRONIC SCREWDRIVER

- for cross slotted screws
- dull chrome plated blade with grey tip
- 2-C handle with revolving end-cap, non-slip resistant micro-surface
- blade made of ELORA-Chrome-Vanadium-Molybdenum steel 75MoV5 / 1.2381

Code	Number	mm	mm	Pieces	Weight/g
0610000001003	610-PH 000	60	153	6	12
0610000001002	610-PH 00	60	153	6	12
0610000001000	610-PH 0	60	153	6	13
0610000011000	610-PH 1	80	173	6	23

07

612-PZ...

ELECTRONIC SCREWDRIVER

- for cross slotted screws
- dull chrome plated blade with additionally coated blade tip
- 2 component grip, revolving end-cap, non-slip micro-surface
- blade made of ELORA-Chrome-Vanadium-Molybdenum steel 73MoV5 / 1.2381

Code	Number	mm	mm	Pieces	Weight/g
0612000001000	612-PZ 0	60	153	6	13
0612000011000	612-PZ 1	80	173	6	23

620-TX...

ELECTRONIC SCREWDRIVER

- for inside TORX® screws
- dull chrome plated blade with additionally coated blade tip
- 2 component grip, revolving end-cap, non-slip micro-surface
- blade made of Chrome-Vanadium-Molybdenum steel 73MoV5 / 1.2381
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	mm	mm	mm	Pieces	Weight/g
0620000051000	620-TX 5	1,42	60	153	6	13
0620000061000	620-TX 6	1,67	60	153	6	13
0620000071000	620-TX 7	1,99	60	153	6	13
0620000081000	620-TX 8	2,31	60	153	6	13
0620000091000	620-TX 9	2,5	60	153	6	13
0620000101000	620-TX 10	2,74	60	153	6	13
0620000151000	620-TX 15	3,27	60	153	6	15
0620000201000	620-TX 20	3,86	80	173	6	22

616-S6
ELECTRONIC SCREWDRIVER SET

- 6 pcs.
- in plastic box
- dull chrome plated blade with additionally coated blade tip
- 2 component grip, revolving end-cap, non-slip micro-surface
- blade made of ELORA-Chrome-Vanadium-Molybdenum steel 73MoV5 / 1.2381

Code	Number	Contents	Pieces	Weight/g
0616500601000	616-S6	Electronic Screwdriver 600-IS 1,5x60, 1,8x60, 2,5x75, 3,0x100 610-PH 0x60, 00x60	1	240

617-S6
ELECTRONIC SCREWDRIVER SET

- 6 pcs.
- in plastic box
- dull chrome plated blade with additionally coated blade tip
- 2 component grip, revolving end-cap, non-slip micro-surface
- blade made of ELORA-Chrome-Vanadium-Molybdenum steel 73MoV5 / 1.2381

Code	Number	Contents	Pieces	Weight/g
0617500601000	617-S6	Electronic Screwdriver 600-IS 2,5x75, 3,0x100, 4,0x100 610-PH 0x60, 00x60, 1x80	1	240

618-S6
ELECTRONIC SCREWDRIVER SET

- 6 pcs.
- in plastic box
- dull chrome plated blade with additionally coated blade tip
- 2 component grip, revolving end-cap, non-slip micro-surface
- blade made of ELORA-Chrome-Vanadium-Molybdenum steel 73MoV5 / 1.2381
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	Number	Contents	Pieces	Weight/g
0618500601000	618-S6	Electronic Screwdriver 620-TX 6x60, 7x60, 8x60, 9x60, 10x60, 15x60	1	240

You will find the fitting (De-)Magnetizer on page no. 263

You will find ESD-electronic-screwdrivers on page no. 284-286

635-...

ELECTRONIC PLASTIC TRIMMER

- for adjusting electronic components
- precision handle with centring button
- anti-magnetic and anti-static
- PT= with plastic tip
- BT= with brass tip
- grip made of polypropylene plastic
- plastic blade made of Polycarbonate + ABS-Blend 1.2242

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0635000121000	635-PT 1,2x65	0,5 x 1,2	65	150	6	8
0635000151000	635-PT 1,5x65	0,5 x 1,5	65	150	6	8
0635000241000	635-PT 2,5x65	0,7 x 2,4	65	150	6	8
0635000102000	635-BT 1,0x65	0,5 x 1,0	65	150	6	8
0635000152000	635-BT 1,5x65	0,7 x 1,5	65	150	6	8
0635000202000	635-BT 2,0x65	0,5 x 2,0	65	150	6	8
0635000252000	635-BT 2,5x65	0,7 x 2,5	65	150	6	8

642-IS...

ELECTRONIC CERAMIC TRIMMER

- for plain slotted screws
- suitable for slotted screws, especially for adjusting high frequency devices, suitable for clean rooms
- precision handle with centring button
- anti-magnetic, anti-static, anti-adhesive, resistant to oxidation, corrosion, thermal shock stress, acid and aging, more resistant than steel
- blade made of high class fine ceramics (ultrapure Zirconium-Oxide-Ceramic)

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0642000092000	642-IS 0,9	0,4 x 0,9	15	100	6	7
0642000132000	642-IS 1,3	0,4 x 1,3	15	100	6	7
0642000182000	642-IS 1,8	0,4 x 1,8	15	100	6	7
0642000262000	642-IS 2,6	0,4 x 2,6	15	100	6	7

07

642-PH...

ELECTRONIC CERAMIC TRIMMER

- for cross slotted screws
- PH0 Special: with flat-topped tip
- especially for adjusting high frequency devices, suitable for clean rooms
- precision handle with centring button
- anti-magnetic, anti-static, anti-adhesive, resistant to oxidation, corrosion, thermal shock stress, acid and aging, more resistant than steel
- blade made of high class fine ceramics (ultrapure Zirconium-Oxide-Ceramic)

Code	Number	mm	mm	Pieces	Weight/g
0642000001000	642-PH0	15	100	6	7
0642000001001	642-PH0 spec.	15	100	6	7

641-...

ELECTRONIC CERAMIC TRIMMER 4 IN 1

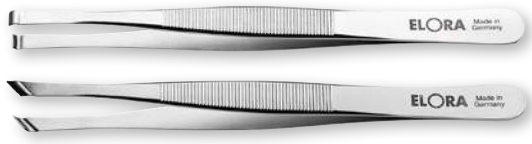
- suitable for slotted screws and cross-recessed head screws PH
- PH 1,7 Special: with flat-topped tip
- especially for adjusting high frequency devices, suitable for clean rooms
- with 4 blades made of high class fine ceramics which can be universally plugged-in to the holder
- anti-magnetic, anti-static, anti-adhesive, resistant to oxidation, corrosion, thermal shock stress, acid and aging, more resistant than steel
- blade made of high class fine ceramics (ultrapure Zirconium-Oxide-Ceramic)

Code	Number			mm	mm	Pieces	Weight/g
0641000011000	641-1	0,9, 1,8	1,7 special, 0	15	110	6	14
0641000021000	641-2	0,9, 1,8, 2,6	1,7 special	15	110	6	14

5170-ST, 5180-ST, 5190-ST

ELECTRONIC POSITIONING TWEEZERS

- for holding, positioning and unsoldering of vertical and horizontal cylindrical devices
- anti-glare satin finish, grooved gripping surfaces
- stainless, anti-magnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel



Code	Number	Points	l/mm	Pieces	Weight/g
5170000001000	5170-ST	Ø 0,8 mm, oval	120	6	14
5180000001000	5180-ST	Ø 1,5 mm, oval	120	6	14
5190000001000	5190-ST	Ø 1,5 mm oblique, half round	120	6	14

5110-ST, 5130-ST

ELECTRONIC POSITIONING TWEEZERS

- for holding, positioning and unsoldering of vertical and horizontal cylindrical devices
- anti-glare satin finish, grooved gripping surfaces
- stainless, anti-magnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	Points	l/mm	Pieces	Weight/g
5110000001000	5110-ST	Ø 5 mm, inside round	145	6	28
5130000001000	5130-ST	Ø 5 mm oblique, half round	145	6	28

5210-ST

ELECTRONIC POSITIONING TWEEZERS

- for all fine gripping and assembly work
- anti-glare satin finish, inside vertical concave, until Ø 2mm, grooved gripping surfaces
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	l/mm	Pieces	Weight/g
5210000001000	5210-ST	120	6	24

5120-ST

ELECTRONIC POSITIONING TWEEZERS

- for all fine gripping and assembly work
- for holding, positioning and unsoldering of vertical and horizontal cylindrical devices
- anti-glare satin finish, tips angled 90°, grooved gripping surfaces
- stainless, anti-magnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	l/mm	Pieces	Weight/g
5120000001000	5120-ST	145	6	28

5160-ST, 5240-ST

ELECTRONIC POSITIONING TWEEZER

- for all fine gripping and assembly work
- anti-glare satin finish, extremely fine, straight tips, grooved gripping and grab surfaces
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	l/mm	Pieces	Weight/g
5160000001000	5160-ST	120	6	16
5240000001000	5240-ST	140	6	20

5260-ST, 5270-ST, 5280-ST

ELECTRONIC TWEEZERS

- for all fine gripping and assembly work
- anti-glare satin finish, grooved gripping surfaces
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	Points	l/mm	Pieces	Weight/g
5260000001000	5260-ST	curved, extremely fine	122	6	20
5270000001000	5270-ST	curved and bent, extremely fine	122	6	20
5280000001000	5280-ST	curved and bent, extremely fine	122	6	20

5330-ST, 5340-ST

ELECTRONIC TWEEZER

- for all fine gripping and assembly work
- anti-glare satin finish, grooved gripping surfaces
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	Points	l/mm	Pieces	Weight/g
5330000001000	5330-ST	curved, extremely fine	108	6	12
5340000001000	5340-ST	straight, extremely fine	108	6	12

5350-ST

ELECTRONIC TWEEZER

- for all fine gripping and assembly work
- anti-glare satin finish, smooth gripping surfaces, flat, extreme fine, long tips
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	l/mm	Pieces	Weight/g
5350000001000	5350-ST	130	6	20

5250

ELECTRONIC TWEEZERS

- for all fine gripping and assembly work
- anti-glare satin finish, rectangular, smooth gripping and grab surfaces, 2 mm width
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	l/mm	Pieces	Weight/g
5250000000000	5250	122	6	14

5200-ST

ELECTRONIC IC-TWEEZERS

- for all fine gripping and assembly work
- anti-glare satin finish, grooved gripping surfaces, with IC-tip
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-Stainless steel

Code	Number	l/mm	Pieces	Weight/g
5200000001000	5200-ST	120	6	14

5220-ST, 5290-ST, 5300-ST

ELECTRONIC GRIPPING TWEEZERS

- for all fine gripping and assembly work
- anti-glare satin finish, grooved gripping surfaces
- stainless, antimagnetic, acid-proof
- Special-Chrome-Nickel-steel

Code	Number	Surfaces	l/mm	Pieces	Weight/g
5220000001000	5220-ST	rectangular, smooth reaching, 5 mm wide points	120	6	14
5290000001000	5290-ST	rectangular, smooth reaching, 5 mm wide points	145	6	28
5300000001000	5300-ST	rectangular, smooth reaching, 5 mm wide points, red PVC coated	145	6	28

5370-ST

ELECTRONIC SMD REVERSE ACTION TWEEZERS

- for handling of SMD´s on PCB´s, SOT packages and monolithic chips
- anti-glare satin finish, smooth gripping surfaces
- stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-Stainless steel

Code	Number	l/mm	Pieces	Weight/g
5370000000000	5370-ST	115	6	12

5380-ST

ELECTRONIC SMD TWEEZERS

- assembling of components up to 1 mm width and SOT packages
- anti-glare satin finish, smooth gripping and grab surfaces
- serrated grab surfaces, stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	l/mm	Pieces	Weight/g
5380000000000	5380-ST	115	6	14

5140-ST, 5150-ST, 5360-ST

UNIVERSAL TWEEZERS

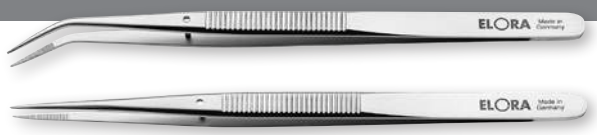
- for all fine gripping and assembly work
- anti-glare satin finish, grooved gripping surface, serrated reaching surface
- serrated grab surfaces, stainless, antimagnetic, acid-proof
- ELORA-Special-Chrome-Nickel-steel

Code	Number	Points	l/mm	Pieces	Weight/g
5140000001000	5140-ST	straight, serated inside, rounded, 3 mm wide	120	6	14
5150000001000	5150-ST	straight, serated inside, rounded, 3 mm wide	145	6	24
5360000001000	5360-ST	small and round 2,5 mm, inside serated, long handle	140	6	20

5310-ST, 5320-ST

UNIVERSAL TWEEZER

- for all fine gripping and assembly work
- anti-glare satin finish, grooved gripping surfaces, serrated reaching surface
- stainless, antimagnetic, acid-proof
- Special-Chrome-Nickel-steel



Code	Number	Points	l/mm	Pieces	Weight/g
5310000001000	5310-ST	point end, bent, fine serated inside, with guide pin	155	6	18
5320000001000	5320-ST	point end, straight, fine serated inside, with guide pin	155	6	18

You will find the fitting (De-)Magnetizer on page no. 263

You will find ESD-tweezers on page no. 287-288

1095
WIRE STRIPPER

- for wire cross section 0,5-6,0 mm²
- for automatic stripping of inner conductors
- with scale for stripping length from 5-12 mm
- integrated side cutter
- blades made of hardened special steel
- black plastic handles

Code	Number	l/mm	Pieces	Weight/g
1095000000000	1095	150	1	112

1094
AUTOMATIC WIRE STRIPPER

- for wire diameter 0,2-6,0 mm²
- automatic adjustment to wire diameter
- with length stop for stripping length from 5-12 mm
- integrated side cutter for wire up to Ø 2,0 mm
- blades made of hardened special steel
- black plastic handles

Code	Number	l/mm	Pieces	Weight/g
1094000000000	1094	200	1	126

1080, 1081, 1082
UNIVERSAL CABLE KNIFE

- 1080-1081: for wire of 4-28 mm Ø
- 1082: for wire of 8-28 mm Ø
- for precise, quick and safe stripping of all kind of round wires, round and length cut in one operation
- blade with transparent plastic safety cover
- hardened special purpose steel blade, black plastic handle

Code	Number	Blade	l/mm	Pieces	Weight/g
1080000000000	1080	dual blade, straight and hook pattern	170	1	80
1081000000000	1081	single blade, straight	170	1	80
1082000000000	1082	inside blade	130	1	70

You will find more wire stripping pliers on page no. 305-319

You will find ESD-electronic-wire stripping pliers on page no. 281

1083
ROUND WIRE STRIPPER

- for round wire of 8-13 mm Ø (e.g. NYM 3 x 1,5 mm² up to 5x2,5 mm²)
- for flush cutting-off even in difficult to access areas like for example distribution boxes
- automatic adjustment of the cutting depth
- hardened special purpose steel blades, black plastic handle

Code	Number	l/mm	Pieces	Weight/g
1083000000000	1083	128	1	44

281-KZ
CABLE KNIFE

- two-parts, with blade and awl, retractable
- blade 65 mm, awl 70 mm
- blade hardness 54-56 HRC
- with wooden handle
- spring steel C67 / 1.0603

Code	Number	l/mm	Pieces	Weight/g
0281000021000	281-KZ	165	6	83

281
CABLE KNIFE

- folding blade
- blade length 90 mm
- blade hardness 54-56 HRC
- with wooden handle
- spring steel C67 / 1.0603

Code	Number	l/mm	Pieces	Weight/g
0281000000000	281	200	6	74

You will find VDE-electronic-wire stripping pliers on page no. 309

496

WIRE SNIP

- for copper-, steel-, and aluminium wire
- maximum wire cross section 16 mm²
- polished head
- black dip insulated handles
- ELORA-Chrome-Vanadium special purpose steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0496000003000	496	210	8,5	1	350

498-7

WIRE SNIP

- for wires up to 10 mm Ø
- self-opening, one hand locking function
- with red, impact resistant plastic handles
- stainless steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0498000076000	498-7	160	6,25	1	120

You will find VDE-snips on page no. 309

467-...

CRIMPING PLIER

- for Western plugs
- for cutting and stripping of flat, unshielded cables by one operation
- high crimping quality due to integrated locking (self-releasing mechanism)
- additional stripping function for round wires
- hardened, gunmetal-finish, yellow plastic handles
- ELORA-Chrome-Vanadium special purpose steel

Code	Number	Art.-Indication	l/mm	Pieces	Weight/g
0467000012000	467-1	for crimping 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11, 6P2C/RJ-11	190	1	290
0467000022000	467-2	for crimping 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11, 4P4C & 4P2C	190	1	280
0467000017000	467-E1	Spare blade for 467-1	15	1	1
0467000027000	467-E2	Spare blade for 467-2	15	1	1

466A-...

CABLE END SLEEVE PLIER

- for pressing of end-sleeves according to DIN 46228 part 1 and 4
- with side cutter and wire stripping mechanism for soft wire
- red handles, PVC dip insulated
- ELORA-high grade steel C45 / 1.0503

Code	Number	for cable terminals Ø mm	l/mm	Pieces	Weight/g
0466000255100	466A-2,5	0,25-2,5	155	1	170
0466001605100	466A-16,0	0,50-16,0	220	1	285

466I-...

CABLE END SLEEVES

- tin-plated pattern
- deoxidized copper, (SF-Cu) according to DIN 1787
- DIN 46228, part 1
- sales unit 1000 pcs.

Code	Number	Section mm²	l/mm	Pieces
0466010051000	466I-0,5	0,5	6	1
0466010071000	466I-0,75	0,75	6	1
0466010101000	466I-1,0	1,0	6	1
0466010151000	466I-1,5	1,5	7	1
0466010251000	466I-2,5	2,5	7	1

466IH-...

CABLE END SLEEVES

- tin-plated pattern, insulated by plastic collar
- heat resistant up to 110 C°
- copper (E-Cu) according to DIN 1787
- DIN 46228, part 4
- sales unit 500 pcs.

Code	Number	Section mm²	l/mm	Pieces
0466020051000	466IH-0,5	0,5	8	1
0466020071000	466IH-0,75	0,75	8	1
0466020101000	466IH-1,0	1,0	8	1
0466020151000	466IH-1,5	1,5	8	1
0466020251000	466IH-2,5	2,5	8	1

466S-...

CABLE END SLEEVES ASSORTMENT

- in transparent plastic box
- according to DIN 46228

Code	Number	Contents	Pieces	Weight/g
0466500105100	466S-1	Cable End Sleeves 500x 466I-0,25 500x 466I-0,34 500x 466I-0,5 500x 466I-0,75 500x 466I-1,0	1	135
0466500255100	466S-2,5	Cable End Sleeves 500x 466I-0,5 500x 466I-0,75 400x 466I-1,0 300x 466I-1,5 200x 466I-2,5	1	140
0466500405100	466S-4,0	Cable End Sleeves 400x 466I-0,75 300x 466I-1,0 200x 466I-1,5 150x 466I-2,5 100x 466I-4,0	1	113
0466501605100	466S-16,0	Cable End Sleeves 150x 466I-4,0 75x 466I-6,0 75x 466I-10,0 50x 466I-16,0	1	140
0466510255100	466SH-2,5	Cable End Sleeves insulated 50x 466IH-0,5 100x 466IH-0,75 100x 466IH-1,0 100x 466IH-1,5 50x 466IH-2,5	1	96
0466511605100	466SH-16,0	Cable End Sleeves insulated 50x 466IH-4,0 20x 466IH-6,0 20x 466IH-10,0 10x 466IH-16,0	1	88

466S 210, 466S 309

CABLE END SLEEVES ASSORTMENT

- in transparent plastic box
- for pressing of end-sleeves according to DIN 46228 part 1 and 4
- with side cutter and wire stripping mechanism for soft wire
- red handles, PVC dip insulated
- ELORA-high grade steel C45 / 1.0503

Code	Number	Contents	Pieces	Weight/g
0466502105100	466S 210	Crimping Plier 466A-2,5 VDE-Screwdriver 900IS-100 Cable end sleeves 30 pcs. each 466I-0,25, 0,34, 0,5, 0,75, 1,0, 1,5, 2,5	1	442
0466503095100	466S 309	Crimping Plier 466A-16,0 VDE-Screwdriver 900IS-100 Cable end sleeves 50 pcs. each 466I-0,5, 0,75, 1,0, 1,5 40x 466I-2,5 25x 466I-4,0 20x 466I-6,0 12 pcs. each 466I-10,0, 16,0	1	578

564N

VDE-VOLTAGE TESTER, TWO-POLE

- to detect AC voltage between 6V-1000V and DC voltage between 6V-1400V
- optical, audible and vibration alert if life-threatening voltage occurs starting from 35V
- polarity phase indication at DC
- automatic selection of measurement range, 1 pole single phase detection, two-pole 3 phase control
- continuity test 0-50 kOhm (optical and audible)
- Diode test
- FI/RCD-control test (30mA) via two feelers
- white LED metering monitor light
- easily operated click system to adjust the power socket size
- optimum one-hand operation
- special tips also fit to WAGO-clamps
- unscrewable 4 mm test tip adapter and GS 38 test attachments
- non-volatile test tip covers
- black rubber grips
- dust- and water-jet-proof
- CAT IV 1000V according to IEC/EN 61243-3:2011-02 (DIN VDE 0682-401)
- WAGO= reg. Trademark of company WAGO Kontakttechnik GmbH & Co. KG, Minden / Germany

1000 V

Code	Number	l/mm	Pieces	Weight/g
0564000102100	564N	152	1	290

566-...

VDE VOLTAGE TESTER

- for 125-250V AC
- contact sensor for activating test function
- with plastic clip and pin hole
- nickel-plated blade
- according to DIN VDE 0680 Teil 6 1977-02

1000 V

Code	Number	l/mm	Pieces	Weight/g
0566001500000	566-150	150	6	30
0566001900000	566-190	190	6	40

561

VOLTAGE TESTER

- for 120-230V AC
- contact sensor in plastic head for activating test function
- transparent plastic handle with lens and red plastic head
- nickel-plated blade and plastic sheathed

Code	Number	Edge mm	mm	l/mm	Pieces	Weight/g
0561000000000	561	0,3x3	65	140	6	15

563

VOLTAGE TESTER

- for 120-230V AC
- contact sensor in brass head for activating test function
- transparent plastic handle with lens and brass head
- nickel-plated blade and plastic sheathed

Code	Number	Edge mm	mm	l/mm	Pieces	Weight/g
0563000000000	563	0,5x3,5	100	190	6	34

900IS-...

VDE SCREWDRIVER

- for plain slotted screws
- blade gunmetal-finish
- impact resistant handle with suspension hole
- up to ELORA-No. 900IS-100 ELORA-Chrome-Vanadium 73MoV52 / 1.2381 else ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004, fully insulated blade
- blade according to DIN ISO 2380-1

1000 V

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0900004252100	900IS-75	0,4 x 2,5	75	150	6	31
0900005302100	900IS-100	0,5x 3,0	100	175	6	37
0900008552100	900IS-12508	0,8 x 5,5	125	220	6	84
0900006352100	900IS-106	0,6 x 3,5	100	175	6	38
0900008402100	900IS-108	0,8 x 4,0	100	175	6	42
0900006282100	900IS-7506	0,6 x 2,8	75	150	6	32
0900010552100	900IS-12510	1,0 x 5,5	125	210	6	84
0900012652100	900IS-150	1,2 x 6,5	150	245	6	104
0900012802100	900IS-175	1,2 x 8,0	175	280	6	160
0900016102100	900IS-200	1,6 x 10,0	200	325	6	270

910PH-...

VDE SCREWDRIVER

- for cross slotted screws
- blade gunmetal-finish
- impact resistant handle with suspension hole
- up to ELORA-No. 910PH-0 ELORA-Chrome-Vanadium 73MoV52 / 1.2381, otherwise ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004, fully insulated blade
- tip according to DIN ISO 8764-1 PH

1000 V

Code	Number	Number	mm	mm	Pieces	Weight/g
0910000002100	910PH-0	PH-0	60	140	6	32
0910000012100	910PH-1	PH-1	80	170	6	52
0910000022100	910PH-2	PH-2	100	200	6	86
0910000032100	910PH-3	PH-3	140	255	6	150
0910000042100	910PH-4	PH-4	200	325	6	275

912PZ-...

VDE SCREWDRIVER

- for cross slotted screws
- blade gunmetal-finish
- impact resistant handle with suspension hole
- ELORA-Chrome-Vanadium 73MoV52 / 1.2381
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004, fully insulated blade
- tip according to DIN ISO 8764-1 PZ

1000 V

Code	Number	mm	mm	Pieces	Weight/g
0912000002100	912PZ-0	60	140	6	32
0912000012100	912PZ-1	80	170	6	52
0912000022100	912PZ-2	100	200	6	86
0912000032100	912PZ-3	140	255	6	150
0912000042100	912PZ-4	200	325	6	275

959-L...

HEXAGON KEY

- for inside hexagon screws
- nickel-plated
- ELORA-Chrome-Vanadium steel
- DIN ISO 2936
- 2-color-multilayer insulation (yellow, red) for easy identification of insulation damages
- insulated, tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V

1000 V

Code	Number	mm	l/mm	Pieces	Weight/g
0959010032100	959-L3	3	130	6	20
0959010042100	959-L4	4	140	6	30
0959010052100	959-L5	5	160	6	50
0959010062100	959-L6	6	180	6	80
0959010082100	959-L8	8	200	6	140
0959010102100	959-L10	10	225	6	230
0959010122100	959-L12	12	250	6	245

956-...

HEXAGON KEY WITH T-HANDLE

- for inside hexagon screws
- nickel-plated
- ELORA-Chrome-Vanadium steel
- DIN ISO 2936
- insulated, tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V

1000 V

Code	Number	mm	l/mm	Pieces	Weight/g
0956000042100	956-4	4	200	6	87
0956000052100	956-5	5	200	6	93
0956000062100	956-6	6	200	6	110
0956000082100	956-8	8	200	6	128

07

979S-5K

VDE SCREWDRIVER SET

- 5 pcs.
- in an environmentally friendly carton package

DVE 1000 V

Code	Number	Contents	Pieces	Weight/g
0979500509000	979 S-5K	VDE-Screwdrivers for plain 900-IS 75, 106, 12508 Cross slotted VDE-Screwdrivers 910-PH 1, PH 2	1	350

You will find the fitting (De-)Magnetizer on page no. 263

You will find the fitting module VDE-screwdrivers on page no. 52, 59

970-160

VDE WIRE STRIPPER WITH HANDLE INSULATION

- self-opening by spring
- V-shaped jaws for stripping of plastic insulation from single and multi-wire conductors
- adjustment of opening position to required diameter by adjustable screw with locknut
- for wires from Ø 0,8 - 6,0 mm
- chrome-plated, polished, with nonslip QUATROLIT®-2C-handles
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0970021602100	970-160	160	1	160

980-165

VDE WIRE STRIPPER WITH HANDLE INSULATION

- self-adjusting blades in respect of diameter to be stripped
- for wires from 0,5-5,0 mm
- for stripping of single or multi-wire conductors
- chrome-plated, polished, with QUATROLIT®-2C-handles
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0980021652100	980-165	165	1	190

950-...

VDE UNIVERSAL SIDE CUTTER WITH HANDLE INSULATION

- high cutting performance with minimal effort
- maximum stability under load by additional inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm²)
- chrome-plated, polished, with nonslip QUATROLIT®-2C-handles
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	○ Ø mm	◑ Ø mm	l/mm	Pieces	Weight/g
0950021452100	950-145	2,5	1,8	145	1	180
0950021602100	950-160	2,8	2,0	160	1	220
0950021802100	950-180	3,0	2,5	180	1	290

955-...

VDE HEAVY DUTY SIDE CUTTER WITH HANDLE INSULATION

- high cutting performance with minimal effort
- maximum stability under load by additional inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm²
- chrome-plated, polished, with nonslip QUATROLIT®-2C-handles
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	○ Ø mm	◑ Ø mm	l/mm	Pieces	Weight/g
0955021652100	955-165	2,5	2,0	160	1	260
0955022002100	955-200	3,0	2,5	200	1	320

960-...

VDE COMBINATION PLIER WITH HANDLE INSULATION

- German pattern
- strong edition for tough conditions
- lay on cutter box for better cutting
- maximum stability of the blades under load by inductive hardening
- cutting edge hardness: 63-64 HRC
- for medium hard wire, steel wire (tensile strength 1600 N/mm²)
- serrated gripping surface and burner hole
- chrome plated, polished, with nonslip QUATROLIT®-2C-handles
- Plier acc. to DIN ISO 5746
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	○ Ø mm	◑ Ø mm	l/mm	Pieces	Weight/g
0960021652100	960-165	2,5	1,8	165	1	200
0960021852100	960-185	2,8	2,0	185	1	260
0960022052100	960-205	3,0	2,5	205	1	320

930-...

VDE SNIPE NOSE PLIER WITH HANDLE INSULATION

- serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- chrome plated, polished, with nonslip QUATROLIT®-2C-handles
- Plier acc. to DIN ISO 5745
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0930021652100	930-165	165	1	150
0930022052100	930-205	205	1	210

935-45...

VDE SNIPE NOSE PLIER WITH HANDLE INSULATION

- 45° bent, serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- chrome plated, polished, with nonslip QUATROLIT®-2C-handles
- acc. to DIN ISO 5745
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0935201652100	935-45 165	165	1	150
0935202052100	935-45 205	205	1	210

935-90 205

VDE SNIPE NOSE PLIER WITH HANDLE INSULATION

- 90° bent, serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- chrome plated, polished, with nonslip QUATROLIT®-2C-handles
- Plier similar to DIN ISO 5745
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0935292052100	935-90 205	205	1	210

920-165

VDE FLAT NOSE PLIER WITH HANDLE INSULATION

- for holding and bending
- short jaws, serrated gripping surface
- chrome plated, polished, with nonslip QUATROLIT®-2C-handles
- Plier acc. to DIN ISO 5745
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0920021652100	920-165	165	1	180

940-165

VDE ROUND NOSE PLIER WITH HANDLE INSULATION

- with short jaws, serrated gripping surface
- chrome plated, polished, with nonslip QUATROLIT®-2C-handles
- Plier acc. to DIN ISO 5745
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C45 / 1.0503

1000 V

Code	Number	l/mm	Pieces	Weight/g
0940021652100	940-165	165	1	170

135-5 VDE

WATERPUMP PLIER WITH DIP INSULATION

- continuously variable to any diameter
- self-locking due to gripping surfaces staggered in reverse order and burner hole
- box joint, trap protection
- dull chrome-plated
- handles tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- similar to DIN ISO 8976
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

Code	Number	l/mm	Pieces	Weight/g
0135000052100	135-5 VDE	260	1	475

904-S3

VDE PLIER SET

- 3 pcs.
- carton box packed
- handles VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004

1000 V

Code	Number	Contents	Pieces	Weight/g
0904500301000	904-S3	VDE Snipe Nose Plier with handle insulation 930-205 VDE Combination Plier with handle insulation 960-185 VDE Iniversal Side Cutter with handle insulation 950-160	1	720

904-S10

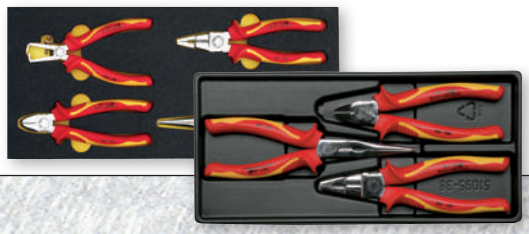
VDE SET

- 10 pcs.
- in red plastic box with 2-colour plastic inlay
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004

1000 V

Code	Number	Contents	Pieces	Weight/g
0904501001000	904-S10	VDE Voltage Tester 566-150 VDE Snipe Nose Plier with handle insulation 930-205 VDE Universal Side Cutter with handle insulation 950-160 VDE Combination Plier with handle insulation 960-185 VDE Wire stripper with handle insulation 970-160 VDE Screwdriver, plain slotted 900IS-75, 900IS-106, 900IS-12508 VDE Screwdriver, cross slotted 910PH-1 and 2	1	2120

You will find the fitting module VDE-pliers on page no. 53, 59



You will find more cable snips on page no. 298

985
VDE CABLE SNIP WITH DIP INSULATION

- maximum stability under load of the blades by inductive hardening
- cutting edge hardness: 65 HRC
- for copper and aluminium wire
- gunmetal-finish
- 2-colour-multilayer safety handles isolation (yellow, red) for easy identification of insulation damages
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004
- ELORA-high grade tool steel C60 / 1.0601

1000 V

Code	Number	for Wire up to Ø mm	l/mm	Pieces	Weight/g
0985002052100	985	20	205	1	360

977
VDE CABLE KNIFE

- with straight blade, hardened
- with blade protector cap and pin hole
- blade made of stainless steel, with red, impact resistant insulated handle
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004

1000 V

Code	Number	l/mm	Pieces	Weight/g
0977000000000	977	185	6	66

977H
VDE CABLE KNIFE

- with hook blade, hardened
- with blade protector cap and pin hole
- blade made of stainless steel, with red, impact resistant insulated handle
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004

1000 V

Code	Number	l/mm	Pieces	Weight/g
0977000100000	977H	185	6	64

977A
VDE CABLE KNIFE

- blade with blunt end to protect inner conductors, hardened
- with blade protector cap and pin hole
- blade made of stainless steel, with red, impact resistant insulated handle
- VDE insulated up to 1.000V, according to EN 60900/IEC 60900:2004

1000 V

Code	Number	l/mm	Pieces	Weight/g
0977000200000	977A	180	6	73

989-...
METAL SAW

- for pinned saw blades 150 mm
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000 V
- 989-E = Spare blade

1000 V

Code	Number	l/mm	Pieces	Weight/g
0989000001000	989	265	6	180
0989000001001	989-E	150	6	30

988-...

VDE SINGLE END RING SPANNER, DEEP CRANKED

- 2-colour-multilayer isolation (yellow, red) for easy identification of insulation damages
- VDE insulation up to 1.000V, according to EN 60900/IEC 60900:2004
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA Chrome-Vanadium 31CrV3 / 1.2208

1000 V

Code	Number	mm	1000 V	VDE	GS	l/mm	Pieces	Weight/g
0988000102100	988-10	10	x	x	x	165	6	80
0988000112100	988-11	11	x	x	x	175	6	100
0988000122100	988-12	12	x	x	x	185	6	110
0988000132100	988-13	13	x	x	x	195	6	120
0988000142100	988-14	14	x	x	x	200	6	150
0988000152100	988-15	15	x	x	x	205	6	155
0988000172100	988-17	17	x	x	x	210	6	180
0988000192100	988-19	19	x	x	x	230	6	245
0988000222100	988-22	22	x	x	x	250	6	353
0988000242100	988-24	24	x	x	x	260	6	357
0988000272100	988-27	27	x	-	-	280	6	438
0988000302100	988-30	30	x	-	-	280	6	454
0988000322100	988-32	32	x	-	-	300	6	580

987-...

VDE SINGLE OPEN-ENDED SPANNER

- jaw set at 15°
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- VDE insulation up to 1.000V, according to EN 60900/IEC 60900:2004
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

Code	Number	mm	1000 V	VDE	GS	l/mm	Pieces	Weight/g
0987000102100	987-10	10	x	x	x	105	6	42
0987000112100	987-11	11	x	x	x	115	6	48
0987000122100	987-12	12	x	x	x	125	6	58
0987000132100	987-13	13	x	x	x	135	6	68
0987000142100	987-14	14	x	x	x	145	6	84
0987000152100	987-15	15	x	x	x	155	6	88
0987000172100	987-17	17	x	x	x	160	6	120
0987000192100	987-19	19	x	x	x	175	6	160
0987000222100	987-22	22	x	x	x	200	6	237
0987000242100	987-24	24	x	x	x	225	6	300
0987000272100	987-27	27	x	x	x	250	6	380
0987000302100	987-30	30	x	x	x	275	6	485
0987000322100	987-32	32	x	x	x	290	6	590

961-...

ADJUSTABLE WRENCH

- jaw set at 15°
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- chrome plated
- handle insulated, tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

Code	Number	Span Width mm	1000 V	VDE	GS	l/mm	Pieces	Weight/g
0961000082100	961-8	26	x	-	-	200	6	300
0961000102100	961-10	30	x	-	-	250	6	500
0961000122100	961-12	35	x	-	-	300	6	800

905-...

VDE SCREWDRIVER

- for external hexagon screws
- gunmetal-finish blade
- impact resistant QUATROLIT-2C-handle with pin hole
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- VDE insulation up to 1.000V, according to EN 60900/IEC 60900:2004, fully insulated blade
- according to DIN3125, ISO2725-1

1000 V

mm

Code	Number	mm	mm	mm	Pieces	Weight/g
0905000052100	905-5,5	5,5	125	220	6	72
0905000062100	905-6,0	6,0	125	220	6	75
0905000072100	905-7,0	7,0	125	230	6	106
0905000082100	905-8,0	8,0	125	230	6	108
0905000092100	905-9,0	9,0	125	230	6	110
0905000102100	905-10,0	10,0	125	230	6	115
0905000112100	905-11,0	11,0	125	240	6	165
0905000122100	905-12,0	12,0	125	240	6	165
0905000132100	905-13,0	13,0	125	240	6	170

966
REVERSIBLE RATCHET 3/8“

- gear-wheel with safety locking mechanism and quick release button
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- insulated, tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- square drive according to DIN 3120-A 10 ISO1174, with ball locking device

10 | 1000 V | 3/8"

Code	Number	l/mm	Pieces	Weight/g
0966000002100	966	200	1	356

969-...
SOCKET 3/8“

- square drive according to DIN 3120-C 10 ISO1174, with ball retaining groove
- chrome-plated
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA Chrome-Vanadium 31CrV3 / 1.2208

10 | 1000 V | 3/8"

Code	Number	mm	l/mm	Pieces	Weight/g
0969000092100	969-9	9	28	6	31
0969000102100	969-10	10	28	6	31
0969000112100	969-11	11	28	6	33
0969000122100	969-12	12	28	6	33
0969000132100	969-13	13	28	6	34
0969000142100	969-14	14	30	6	36
0969000152100	969-15	15	30	6	44
0969000162100	969-16	16	30	6	50
0969000172100	969-17	17	30	6	54
0969000182100	969-18	18	30	6	58
0969000192100	969-19	19	30	6	70
0969000202100	969-20	20	30	6	72
0969000212100	969-21	21	30	6	77
0969000222100	969-22	22	32	6	94

967-...
EXTENSION BAR 3/8“

- with safety lock screw
- chrome-plated
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V

10 | 1000 V | 3/8"

Code	Number	l/mm	Pieces	Weight/g
0967001252100	967-125	125	6	154
0967002502100	967-250	250	6	280

968
T-HANDLE 3/8“

- with safety screw lock
- chrome-plated
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V

10 | 1000 V | 3/8"

Code	Number	l/mm	Pieces	Weight/g
0968002002100	968	200	6	450

990
TORQUE WRENCH 1/2“

- with noticeable and audible „click“ mechanism
- manually adjustable, double scale unit with Nm and ft.lb.
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- accuracy +-4% of set value
- square drive according to DIN 3120-A 12,5, ISO1174, with locking device
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V

12,5 | 1/2" | 1000 V

Code	Number	Measuring range ft.lb.	Measuring range Nm	l/mm	Pieces	Weight/g
0990000001000	990	5-35	5-50	370	1	1110

972
VDE REVERSIBLE RATCHET 1/2“

- gear-wheel with safety locking mechanism and quick release button
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- VDE insulated up to 1.000V, according to EN60900/IEC 60900:2004
- ELORA-Chrome-Vanadium 31CrV3/1.2208
- square drive according to DIN 3120-A 12,5, ISO1174, with ball locking device

12,5 | 1/2" | 1000 V

Code	Number	l/mm	Pieces	Weight/g
0972000002100	972	260	1	668

971-...
VDE SOCKET 1/2“

- female square according to DIN 3120-C 12,5, ISO1174, with ball retaining groove
- chrome-plated
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- VDE insulated up to 1.000V, according to EN60900/IEC 60900:2004
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5 | 1/2" | 1000 V | mm

Code	Number	mm	Length without isulation mm	Pieces	Weight/g
0971000092100	971-9	9	40	6	58
0971000102100	971-10	10	40	6	60
0971000112100	971-11	11	40	6	63
0971000122100	971-12	12	40	6	64
0971000132100	971-13	13	40	6	64
0971000142100	971-14	14	40	6	63
0971000152100	971-15	15	40	6	67
0971000172100	971-17	17	40	6	74
0971000182100	971-18	18	40	6	91
0971000192100	971-19	19	40	6	83
0971000212100	971-21	21	40	6	107
0971000222100	971-22	22	40	6	114
0971000242100	971-24	24	40	6	117
0971000272100	971-27	27	43	6	181
0971000302100	971-30	30	45	6	195
0971000322100	971-32	32	45	6	200

971-IN...

VDE SCREWDRIVER SOCKET 1/2“

- only to use with ELORA-No. 972, 973 and 974-125
- chrome-plated
- female square according to DIN 3120-C 12,5, ISO1174, with ball retaining groove
- VDE insulated up to 1.000V, according to EN60900/IEC 60900:2004
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

12,5

1/2"

Code	Number	mm	Length without isulation mm	Pieces	Weight/g
0971000045100	971-IN4	M5	70	6	86
0971000055100	971-IN5	M6	70	6	87
0971000065100	971-IN6	M8	70	6	107
0971000085100	971-IN8	M10	70	6	108
0971000105100	971-IN10	M12	70	6	109

973

VDE-T-BAR 1/2“

- with safety screw lock
- chrome plated
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- VDE insulated up to 1.000V, according to EN60900/IEC 60900:2004
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

12,5

1/2"

Code	Number	l/mm	Width mm	Pieces	Weight/g
0973002052100	973	210	145	1	453

974-...

EXTENSION BAR

- with safety screw lock
- chrome-plated
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- tested according to EN/IEC 60900:2004, individually tested with 10.000V and approved for 1.000V
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

12,5

1/2"

Code	Number	l/mm	Pieces	Weight/g
0974001252100	974-125	125	1	206
0974002502100	974-250	250	1	410

971-S13

VDE SCREWDRIVER SOCKET SET 1/2“

- 13 pcs.
- in red plastic box with 2-colour-plastic inlay
- 2-colour-multilayer insulation (yellow, red) for easy identification of insulation damages
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

1000 V

12,5

1/2"

Code	Number	Contents	Pieces	Weight/g
0971500131000	971-S13	VDE Sockets 971-10, 12, 13, 14, 17, 19, 22, 24 mm VDE Reversible Ratchet 972 Extension Bar 974-125, 250 T-Handle 973 VDE-Screwdriver 900-IS 12508	1	3240

ELORA

08 PLIERS, CUTTERS AND SHEARS

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490-BI...

HEAVY DUTY SIDE CUTTER

- high cutting performance with minimal effort
- maximum stability under load by additional inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm²)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749

Code	Number	Ø mm ◑	Ø mm ●	l/mm	l/Inch	Pieces	Weight/g
0490001452000	490BI-145	2,0	1,6	145	5,75	1	200
0490001652000	490BI-165	2,5	2,0	165	6,5	1	260
0490002002000	490BI-200	3,0	2,5	200	8	1	320

492-BI...

SIDE CUTTER

- oval head
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm²)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749

Code	Number	Ø mm ○	Ø mm ◑	l/mm	l/Inch	Pieces	Weight/g
0492001302000	492BI-130	2,3	1,5	130	5,25	1	150
0492001452000	492BI-145	2,5	1,8	145	5,75	1	180

468-BI

WIRE STRIPPER/CUTTER

- side cutter with dual function (cutting and stripping of insulation)
- stripping holes for single and multi-wire conductors with 1,5 mm² and 2,5 mm² diameter
- oval head
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm²)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- similar DIN ISO 5749

Code	Number	Ø mm ○	Ø mm ◑	l/mm	l/Inch	Pieces	Weight/g
0468000002000	468-BI	2,8	2,0	160	6,25	1	190

494 BI

WIRE STRIPPER WITH RESTRICTED OPENING

- self opening by spring
- V-shaped jaws for stripping of plastic insulation from single and multi-wire conductors
- adjustment of opening position to required diameter by adjustable screw with locknut
- for wires from Ø 0,8 to 6,0 mm
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0494000002000	494BI	160	6,25	1	150

494S-0,5 BI

WIRE STRIPPER

- self-adjusting blades in respect of diameter to be stripped
- for stripping of single or multi-wire conductors
- for wires from Ø 0,5 to 5,0 mm
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0494000052000	494S-0,5BI	160	6,5	1	185

485-BI

HEAVY DUTY END CUTTER

- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300N/mm²)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- similar DIN ISO 5748

Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0485000002000	485BI	2,5	2,2	160	6,5	1	220

495-BI...

COMBINATION PLIER, GERMAN PATTERN

- strong edition for tough conditions
- lay on cutter box for better cutting
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-64 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm²)
- serrated gripping surface and burner hole
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5746

Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0495001652000	495BI-165	2,5	1,8	165	6,5	1	200
0495001852000	495BI-185	2,8	2,0	185	7,25	1	260
0495002052000	495BI-205	3,0	2,5	205	8	1	320

470-BI...

SNIPE NOSE PLIER WITH SIDE CUTTER, STRAIGHT PATTERN

- serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0470001452000	470BI-145	145	5,75	1	120
0470001652000	470BI-165	165	6,5	1	150
0470000002000	470BI-200	200	8	1	200

471-45 BI...

SNIPE NOSE PLIER WITH SIDE CUTTER, BENT

- 45° bent, serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0471000002000	471-45 BI 200	200	8	1	200
0471001602000	471-45 BI 165	165	6,5	1	150

471-90 BI...

SNIPE NOSE PLIER WITH SIDE CUTTER, BENT

- 90° bent, serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- similar DIN ISO 5745

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0471091602000	471-90 BI 165	165	6,5	1	150
0471092002000	471-90 BI 200	200	8	1	200

476-BI...

FLAT NOSE PLIER

- for holding and bending
- short jaws, serrated gripping surface
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0476001452000	476BI-145	145	5,75	1	130
0476001702000	476BI-170	165	6,5	1	175

477-BI-...

ROUND NOSE PLIER

- with long jaws, serrated gripping surface
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0477001452000	477BI-145*	145	5,75	1	125
0477001702000	477BI-170	160	6,25	1	175

404-S3

MECHANIC'S PLIER SET

- 3 pcs.
- carton box packed
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished

Code	Number	Contents	Pieces	Weight/g
0404500301000	404-S3	470-BI 200 Snape Nose Plier with side cutter, straight pattern 490-BI 165 Heavy Duty Side Cutter 495-BI 185 Engineer's Plier, German pattern	1	690

404-S31

MECHANIC'S PLIER SET

- 3 pcs.
- carton box packed
- chrome-plated, polished

Code	Number	Contents	Pieces	Weight/g
0404500311000	404-S31	132-240 Waterpump Plier 490-BI 165 Heavy Duty Side Cutter 495-BI 185 Engineer's Plier, German pattern	1	790

You will find VDE- and electronic pliers on page no. 305

* solange der Vorrat reicht

404-S4

ELECTRICIAN'S PLIER SET

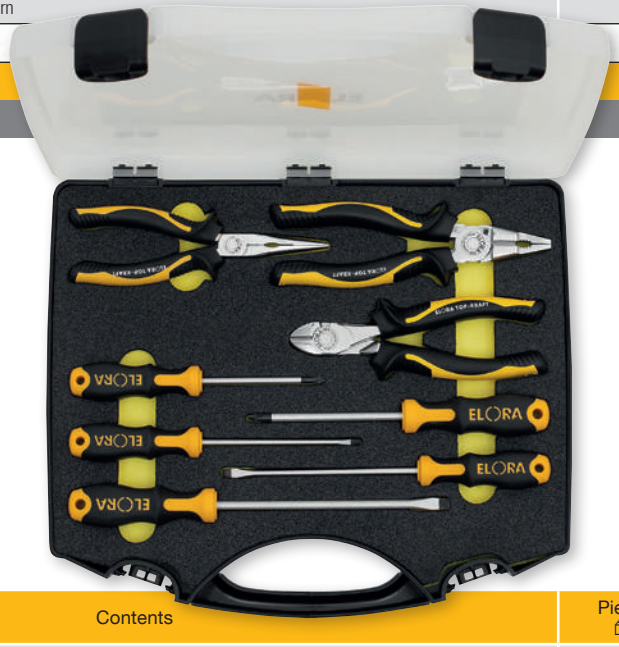
- 4 pcs.
- carton box packed
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished

Code	Number	Contents	Pieces	Weight/g
0404500401000	404-S4	470-Bl 165 Snipe Nose Plier with side cutter, straight pattern 490-Bl 165 Heavy Duty Side Cutter 494 Bl Wire Stripper with restricted opening 495-Bl 185 Engineer's Plier, German pattern	1	790

504-S8

MECHANIC' SET

- 8 pcs.
- assortment in convenient plastic case



Code	Number	Contents	Pieces	Weight/g
0504500801000	504-S8	470-Bl 200 Snipe Nose Plier with side cutter, straight pattern 490-Bl 165 Heavy Duty Side Cutter 495-Bl 185 Engineer's Plier, German pattern 545-IS 100, IS 125, IS 150 Screwdriver, plain slotted 547-PH1, PH2 Screwdriver, cross slotted	1	1600

949 H

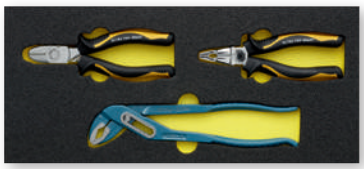
PLIERS HOLDER

- for presentation of pliers on perforated display walls
- empty, without pliers

Code	Number	l/mm	Pieces	Weight/g
0949000206000	949H	200	1	160

You will find special automotve pliers on page no. 425,430

You will find the matching OMS-10 module on page no. 52

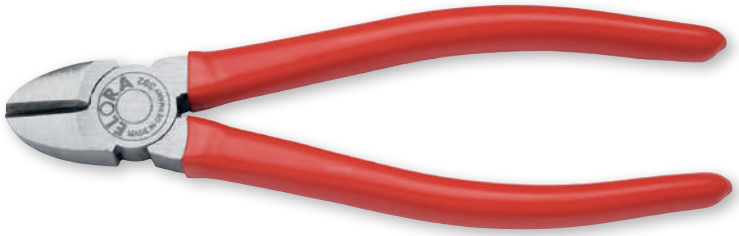


You will find the matching OMS-5 module on page no. 52

You will find the matching OMS-21 module on page no. 59

392-...
SIDE CUTTER

- oval head
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm²)
- ground, with red dip insulated handles
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749



Code	Number	Ø mm ○	Ø mm ◑	l/mm	l/Inch	Pieces	Weight/g
0392001455100	392-145	2,2	1,4	145	5,75	1	150
0392001605100	392-160	2,4	1,7	160	6,5	1	180

389-...
HEAVY DUTY SIDE CUTTER

- high cutting performance with minimal effort
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm²)
- ground, with red dip insulated handles
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749

Code	Number	Ø mm ◑	Ø mm ●	l/mm	l/Inch	Pieces	Weight/g
0389001705100	389-170	2,5	2,0	165	6,5	1	220
0389002005100	389-200	3,0	2,5	200	8	1	260

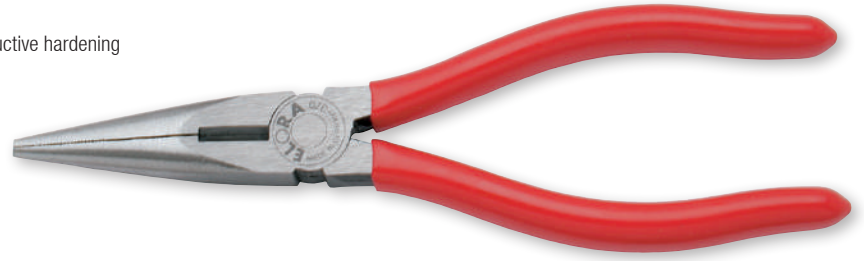
395-...
COMBINATION PLIER

- strong edition for tough conditions
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-64 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm²)
- serrated gripping surface and burner hole
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5746

Code	Number	Ø mm ○	Ø mm ◑	l/mm	l/Inch	Pieces	Weight/g
0395001605100	395-160	2,5	1,8	160	6,5	1	190
0395001805100	395-180	2,8	2,0	180	7,5	1	260
0395002005100	395-200	3,0	2,5	200	8	1	330

370-...
SNIPE NOSE PLIER WITH SIDE CUTTER, STRAIGHT

- serrated gripping surface and side cutter
- maximum stability under load of the blades by inductive hardening
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

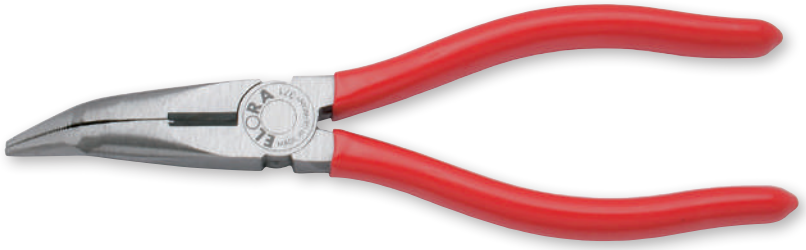


Code	Number	l/mm	l/Inch	Pieces	Weight/g
0370001605100	370-160	165	6,5	1	130
0370002005100	370-200	200	8	1	170

371-...

SNIPE NOSE PLIER WITH SIDE CUTTER, BENT

- 45° bent, serrated gripping surface and side cutter
- maximum stability under load of the blades by inductive hardening
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

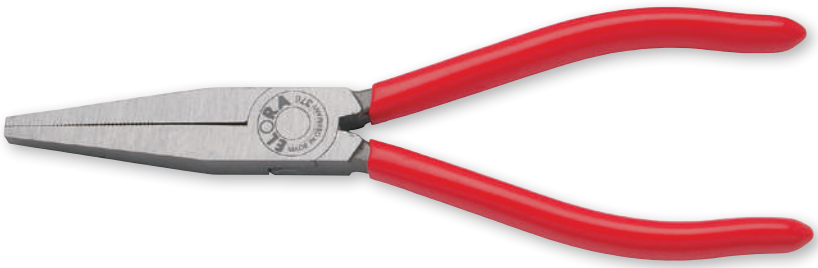


Code	Number	l/mm	l/Inch	Pieces	Weight/g
0371001605100	371-160	165	6,5	1	130
0371002005100	371-200	200	8	1	170

376-160

FLAT NOSE PLIER

- for holding and bending
- long, flat jaws, rippled serrated surface
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

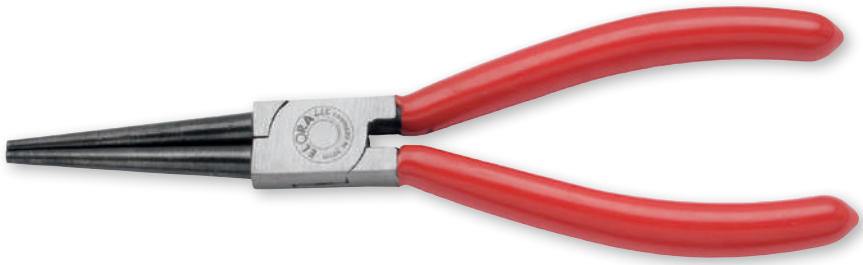


Code	Number	l/mm	l/Inch	Pieces	Weight/g
0376001605100	376-160	160	6,5	1	140

377-160

ROUND NOSE PLIER

- long jaws, serrated gripping surface
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0377001605100	377-160	160	6,5	1	140

08

You will find VDE- and electronic pliers on page no. 305

304-S3

MECHANIC'S PLIER ASSORTMENT

- 3 pcs.
- carton box packed
- ground, with red dip insulated handles

Code	Number	Contents	Pieces	Weight/g
0304500301000	304-S3	370-200 Snipe Nose Plier with side cutter, straight 389-170 Heavy Duty Side Cutter 395-180 Combination Plier	1	650

304-S31

MECHANIC'S PLIER ASSORTMENT

- 3 pcs.
- carton box packed

Code	Number	Contents	Pieces	Weight/g
0304500311000	304-S31	132-240 Waterpump plier 389-170 Heavy Duty Side Cutter 395-180 Combination Plier	1	780

493 BI

MULTI PURPOSE "FIT" SHEAR PLIER

- combination of side, edge, combination plier and tin snip
- nonslip QUATROLIT®-2C-handles
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0493000000001	493BI	200	8	1	300

493-1

MULTI PURPOSE PLIER "MULTI-TOOL"

- Multifunctional tool for the industry, automotive, construction, sanitary and agriculture sector
- hammer, water pump plier, wire cutter, combination plier, side cutter, wrench and driller in one tool
- black, ground head
- dip insulated PVC handles
- ELORA-high grade tool steel C60 / 1.0601

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0493000010000	493-1	250	10	1	350

321-...

CARPENTER'S PINCER

- for highest operational demands
- inductive hardened cutting blades
- cutting blades hardness 61-63 HRC
- gunmetal-finish, ground head
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 9243 Form A

Code	Number	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0321001605100	321-160	1,8	160	6,5	1	200
0321001805100	321-180	2,0	180	7	1	290
0321002005100	321-200	2,2	200	8	1	390
0321002255100	321-225	2,2	230	9	1	640

499-...

CONCRETER'S NIPPER

- Mechanic´s wipper for heaviest action
- inductive hardened cutting edge, cutting blade hardness 61-63HRC
- gunmetal-finish, ground head
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 9242 Form A

Code	Number	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0499002205100	499-220	2,4	220	9	1	330
0499002505100	499-250	2,4	250	10	1	390
0499002805100	499-280	2,8	280	11	1	430

489-...

SEAMING PLIER

- for seaming of metal sheets
- forged, black laquered
- jaw width 60 mm
- Model ELORA-No. 489-1 straight
- Model ELORA-No. 489-2 45° bent
- Model ELORA-No. 489-3 90° bent
- high grade tool steel C60 / 1.0601

489-1

489-3

489-2

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0489000011000	489-1	280	11	1	630
0489000021000	489-2	280	11	1	650
0489000031000	489-3	280	11	1	660

1644-10

SEAMING OR BENDING PLIER

- for seaming of metal sheets
- forged, black laquered
- red dip insulated handles
- high grade tool steel

Code	Number	l/mm	Pieces	Weight/g
1644000107000	1644-10	255	1	450

130BI-240

WATERPUMP PLIER

- lay-on slip joint and teeth cut-out
- tooth inductive hardened, trap protection
- chrome plated, polished, dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form A

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0130002402000	130BI-240	46	1.1/4	250	10	1	320

132-...

WATERPUMP PLIER

- box joint
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- ELORA-No. 132-190 adjustable in 6 positions, all other adjustable in 7 positions
- blue laquered, polished jaws
- handles with forged riffle
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form C

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0132001906500	132-190	34	1	175	7	1	160
0132002406500	132-240	43	1.1/4	250	10	1	300
0132003006500	132-300	48	1.1/2	300	12	1	460

132-S3

WATERPUMP PLIER ASSORTMENT

- 3 pcs.
- carton box packed
- box joint
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- ELORA-No. 132-190 adjustable in 6 positions, all others adjustable in 7 positions
- blue laquered, polished jaws
- handles with forged riffle
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form C

Code	Number	Contents	Pieces	Weight/g
0132500036500	132-S3	Waterpump plier: 132-190, 132-240, 132-300	1	1,14

131
GROOVE WATERPUMP PLIER

- forged lay-on slip joint
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 8976, Form B

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0131002402000	131BI-240	50	1.3/4	240	10	1	435

133-250
QUICK GRIPPING WATERPUMP PLIER

- quick adjustment by press a button
- self-locking due to gripping surfaces staggered in reverse order
- box joint
- absolute safe, no displacement during work
- teeth inductive hardened, trap protection
- chrome-plated, polished jaw
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 8976, Form B

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0133002501000	133-250	250	10	1	455

134-...
QUICK GRIPPING WATERPUMP PLIER

- quick release due to box joint teeth raster
- absolute safe, no displacement during work
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- chrome-plated, polished jaws
- Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 8976, Form C

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0134002501000	134-250	60	2.1/4	250	10	1	455
0134003751000	134-375	70	2.3/4	375	15	1	990

135-...
WATERPUMP PLIER

- groove box joint, continuously variable
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- MB: chrome-plated, polished jaws
- BI:nonslip QUATROLIT®-2C-handles
- chrome-plated, polished jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 8976, Form C

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0135000051000	135-5MB	50	2.1/4	260	10.1/2	1	460
0135000052000	135-5BI	60	2.3/4	260	10.1/2	1	515

66A-...

PIPE WRENCH

- Swedish type
- for highest operational demands
- head angled at 90°
- drop forged, hardened and tempered
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- roll non-volatile
- red laquered
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 5234, Form A

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0066100346000	66A-1	40	1	340	13,5	1	1085
0066100426000	66A-1.1/2	55	1.1/2	400	16	1	1510
0066100496000	66A-2	67	2	530	21	1	2780
0066100636000	66A-3	103	3	720	29	1	4200

67E-...

PIPE WRENCH

- for highest operational demands
- head angled at 45°
- drop forged, hardened and tempered
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- roll non-volatile
- red laquered, polished jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 5234, Form B

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0067100236000	67E-1/2	25	1/2	270	11	1	490
0067100346000	67E-1	40	1	320	13	1	960
0067100426000	67E-1.1/2	55	1.1/2	420	17	1	1420
0067100496000	67E-2	67	2	570	23	1	2900
0067100636000	67E-3	103	3	700	28	1	4400

68SN-...

PIPE WRENCH

- Swedish type
- 3 point S-jaw pipe wrench for highest operational demands
- head angled at 45°
- drop forged, hardened and tempered
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- roll non-volatile
- red laquered, polished jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 5234, Form B

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0068100236000	68SN- 1/2	25	1/2	270	11	1	440
0068100346000	68SN- 1	40	1	320	13	1	885
0068100426000	68SN- 1.1/2	55	1.1/2	420	17	1	1490
0068100496000	68SN- 2	67	2	570	23	1	2500
0068100636000	68SN- 3	103	3	700	28	1	4200

136-...

QUICK ACTION PIPE WRENCH

- easy and quick adjusting due to knurled adjustment
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- high grade tool steel

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0136001755100	136-175	35	1.3/8	175	7	1	300
0136002255100	136-225	42	1.5/8	225	9	1	510
0136002755100	136-275	61	2.3/8	275	11	1	815
0136003155100	136-315	74	3	315	12	1	985
0136003605100	136-360	90	3.9/16	360	14	1	1620

75-...

PIPE WRENCH "STILLSON"

- American type
- adjustable with knurled adjustment
- forged pieces hardened and tempered
- teeth additionally inductive hardened and staggered in reverse order
- steel-grey, handles blue laquered, polished jaws
- special high grade tool steel
- US-Norm GGG-W-651, class A, Type 1

Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0075000105200	75-10	35	1.3/8	250	10	1	550
0075000125200	75-12	43	1.3/4	300	12	1	800
0075000145200	75-14	49	1.7/16	350	14	1	965
0075000185200	75-18	61	2.3/8	450	18	1	1650
0075000245200	75-24	77	3	600	24	1	3150

137

PLUMBING WRENCH

- for chrome and nickel plated bathroom fittings
- with lever clamp
- with exchangeable plastic jaws, 8mm wide
- gunmetal-finish
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208

Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0137000000000	137	65	275	1	720

138

SIPHON OR CONNECTOR PLIER

- loosening and tightening of pipe connections with round union nuts from Ø 25 mm
- loosening and tightening of ring lock connectors (like Canon connectors)
- drop forged, with slip on joint, 4 adjusting positions
- serrated jaws, jaw width 10 mm
- chrome-plated, PVC-dip insulated handles
- ELORA-No. 138-A with bolted plastic jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208

Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0138000000000	138	80	240	1	280
0138000001000	138-A	60	240	1	280
0138000000001	138-E	1 pair spare jaws for 138-A		1	5

462

BLIND-RIVET NUT PLIER

- to process blind rivets
- mandrel intake exchangeable on the head
- for blind rivets diameters: 2.4, 3.2, 4.0 and 4.8 mm
- black, plier body made of aluminium, leverage made of metal sheet
- PVC handles

Code	Number	l/mm	Pieces	Weight/g
0462000000000	462	280	1	625

491-2

WIRE CENTRE CUTTER

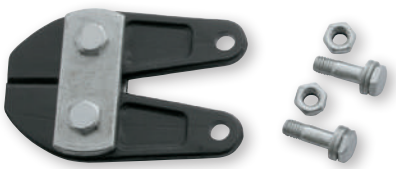
- for cutting of soft and hard wire
- maximum stability under load by additionally inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm²)
- ground with red dip insulated handles
- ELORA-high grade tool steel C60 / 1.0601

Code	Number	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0491000011000	491-2	2	200	8	1	340

288-...

BOLT CUTTER

- inductive hardened jaws on the cutter head
- cutting capacity up to 48 HRC hardness
- easy and precise readjusting with double eccentric screws
- limbs made of steel tube with plastic handles
- jaws made of special high grade tool steel
- according to DIN ISO 9242



Code	Number	19 HRC Ø mm	40 HRC Ø mm	44 HRC Ø mm	l/mm	l/Inch	Pieces	Weight/g
0288003406000	288-340	6	5	-	330	13	1	775
0288004006000	288-400	6	5	-	400	16	1	850
0288004506000	288-450	8	7	5	460	18	1	1670
0288006106000	288-610	9	8	7	620	24	1	2370
0288008006000	288-800	11	9	8	780	30	1	4570
0288009006000	288-900	13	11	9	900	36	1	4980
0288003416000	288E-340	Spare jaw					1	210
0288004016000	288E-400	Spare jaw					1	210
0288004516000	288E-450	Spare jaw					1	420
0288006116000	288E-610	Spare jaw					1	770
0288008016000	288E-800	Spare jaw					1	1450
0288009016000	288E-900	Spare jaw					1	1450

289-...

STEEL WIRE MESH CUTTER

- inductive hardened jaws on the cutter head
- head angled at 75°
- easy and precise readjusting with double eccentric screws
- according to DIN 5743
- limbs made of steel tube with plastic handles
- jaws made of special high grade tool steel

Code	Number	19 HRC Ø mm	40 HRC Ø mm	l/mm	l/Inch	Pieces	Weight/g
0289008006000	289-800	9	8	790	31	1	3060
0289009006000	289-900	11	9	900	36	1	3400
0289008016000	289E-800	Spare jaw				1	850

4490

BAG OR WIRE TWISTER

- for fast and efficient closing of bags or connecting tyre levers
- with moulded plastic grip

Code	Number	l/mm	Pieces	Weight/g
4490000000000	4490	310	1	410

525-...

WIRE TWISTING PLIER

- for wire locking of metal fasteners
- serrated gripping for positive grip and side cutter
- for clockwise use and with automatic return
- jaws angled by 40°, for wires to Ø1,6mm
- gunmetal finish, head polished
- Chrome-Vanadium special steel

Code	Number	l/mm	Pieces	Weight/g
0525001503000	525-150	150	1	225
0525002303000	525-230	230	1	325

458
REVOLVING PUNCH AND EYELET PLIER

- for pre-punching and pressing of eyelets 458S-4,5 458S-5,0, 458S-5,5
- bright nickel plated, with black ergonomically formed plastic handles
- high-strength special tool steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0458000000000	458	210	8,5	1	320

458S-...
EYELETS

- for pressing with ELORA-No. 458
- nickel plated
- sheet metal

Code	Number	Contents	Ø	Pieces	Weight/g
0458000450000	458S-4,5	100 eyelets	4,5	1	20
0458000500000	458S-5,0	100 eyelets	5,0	1	26
0458000550000	458S-5,5	100 eyelets	5,5	1	26

460
REVOLVING PUNCH PLIER WITH LEVERAGE

- 70% power saving by leverage
- for punching thin and strong awnings, fabrics, leather, textiles and thin metal sheet
- punching hole diameter 2,0-2,5-3,0-3,5-4,0-4,5 mm
- bright nickel plated, with black ergonomic formed plastic handles
- high-strength special tool steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0460000000000	460	250	10	1	430

461
REVOLVING PUNCH PLIER

- for punching thin and strong awnings, fabrics, leather, textiles and thin metal sheet
- punching hole diameter 2,0-2,5-3,0-3,5-4,0-4,5 mm
- nickel plated, with black ergonomic formed plastic handles
- high-strength special tool steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0461000000000	461	210	8,5	1	300

402-...

SHAPE CUTTING LEVER TIN SNIP

- for figures, short and straight cuts
- with leverage
- self-opening due to mounted leaf spring, with lock
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground
- nonslip 2C-handles with trap protection
- for metal sheet thickness of max. 1,2mm with a tensile strength of 600 N/mm²

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0402002501001	402/1-L	left cutting	250	10	38	1	390
0402002501003	402/1-G	straight cutting	250	10	44	1	390
0402002501002	402/1-R	right cutting	250	10	38	1	390

402/1 S3

SHAPE CUTTING LEVER TIN SNIP SET

- 3 pcs.
- carton box packed
- for figures, short and straight cuts
- with leverage
- self-opening due to mounted leaf spring, with lock
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground
- nonslip 2C-handles with trap protection
- for metal sheet thickness of max. 1,2 mm with a tensile strength of 600 N/mm²

Code	Number	Contents	Pieces	Weight/g
0402500031000	402/1 S3	Figure Snips 402/1-L, 402/1-R, 402/1-G	1	1170

483L / 483R

SHAPE CUTTING LEVER TIN SNIP

- for short, straight and figure cuts, small radius
- with leverage
- self-opening due to mounted leaf spring, with lock
- burr-free cut
- adjustable, bolted joints
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground, 60-62 HRC
- with plastic handles and trap protection
- for metal sheet thickness of max. 1,8 mm with a tensile strength of 400 N/mm² or 1,2 mm with a tensile strength of 600 N/mm²
- high grade tool steel, forged

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0483000016000	483L	left cutting	250	10	35	1	460
0483000026000	483R	right cutting	250	10	35	1	460

484L / 484R

IDEAL LEVER TIN SNIP

- for short, straight and figure cuts, big radius
- with leverage
- self-opening due to mounted leaf spring, with lock
- burr-free cut
- adjustable, bolted joint
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground, 60-62 HRC
- with plastic handles and trap protection
- for metal sheet thickness of max. 1,8 mm with a tensile strength of 400 N/mm² or 1,2 mm with a tensile strength of 600 N/mm²
- high grade tool steel, forged

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0484000016000	484L	left cutting	250	10	30	1	515
0484000026000	484R	right cutting	250	10	30	1	515

284-250

BERLIN PATTERN TIN SNIP

- for long straight cuts
- blades additionally inductive hardened and ground, 56-58 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for ELORA-No. 284-225: metal sheet thickness of max. 1,2 mm with a tensile strength of 400 N/mm² or 1 mm with 600 N/mm²
- for ELORA-No. 284-250: metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm² or 1 mm with 600 N/mm²
- high grade tool steel, forged

Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0284002506000	284-250	250	10	60	1	440

1483-...

SHAPE CUTTING TIN SNIP

- for short, straight and figure cuts, small radius
- blades additionally inductive hardened and ground, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm² or 1 mm with 600 N/mm²
- high grade tool steel, forged

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
1483002506000	1483L-250	left cutting	250	10	42	1	400
1483012506000	1483R-250	right cutting	250	10	42	1	400

1484-...

IDEAL TIN SNIP

- for continuous cuts and figure cuts
- blades additionally inductive hardened and sharpened, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm² or 1 mm with 600 N/mm²
- high grade tool steel, forged

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
1484002606000	1484L-260	left cutting	260	10,25	35	1	540
1484012606000	1484R-260	right cutting	280	10,25	35	1	540

488-...

PUNCH TIN SNIP

- for short, straight and figure cuts, big radius
- blades additionally inductive hardened and ground, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm² or 1 mm with 600 N/mm²
- high grade tool steel, forged

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0488002506000	488L-250	left cutting	250	10	42	1	475
0488002516000	488R-250	right cutting	250	10	42	1	475

497R-300

PELICAN TIN SNIP

- for long straight continuous cuts
- blades additionally inductive hardened and ground, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,8 mm with a tensile strength of 400 N/mm² or 1 mm with 600 N/mm²
- high grade tool steel, forged

Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0497003006000	497R-300	right cutting	300	12	60	1	845

401-...

AMERICAN TINMANS SHEAR

- for long straight cuts
- blades additionally inductive hardened and ground, 57-59 HRC
- adjustable, bolted joint
- high grade tool steel, forged
- ELORA-No. 401/1 with trap protection
- ELORA-No. 401/2 black handles, PVC dip coated
- trap protection

Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0401001751001	401/1-175	175	7	40	1	210
0401002001001	401/1-200	200	8	45	1	240
0401002501001	401/1-250	250	10	65	1	440
0401003001001	401/1-300	300	12	80	1	660
0401003501001	401/1-350	350	14	90	1	800
0401001751002	401/2-175	175	7	40	1	210
0401002001002	401/2-200	200	8	45	1	240
0401002501002	401/2-250	250	10	65	1	440
0401003001002	401/2-300	300	12	80	1	660
0401003501002	401/2-350	350	14	90	1	800

498-...

UNIVERSAL SCISSORS

- for cutting thin metal sheet, wire, plastics, adhesive weights, carpet, paper, etc.
- self-opening, one-hand lock function
- plastic handles
- made of stainless steel

Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0498000016000	498-1	140	5,5	31	1	50
0498000026000	498-2	190	7,5	42	1	108

498-5

UNIVERSAL SCISSORS, BENT

- for cutting thin metal sheet, wire, plastics, adhesive weights, carpet, paper, etc.
- bent head
- self-opening, one-hand lock function
- plastic handles
- made of stainless steel

Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0498000056000	498-5	190	7,5	38	1	108

You will find wire snips on page 298

500H
HOLDER FOR ELORA-GRIP PLIERS

- inserted into the holder ELORA grip pliers can be used as bench vise for simple works to screw on a work table or a work bench
- fits to all 8" and 10" ELORA grip pliers and ELORA-No. 510-280, 510-280A, 511-280 and 524
- black laquered

Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0500000003000	500H	0-50	110	1	200

500-...
GRIP PLIER WITH WIRE CUTTER, CURVED JAWS

- for round and flat material
- with adjustment screw
- quick release lever with return spring
- forged, hardened and tempered half-round jaws
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0500001253000	500-125	25	125	5	1	195
0500001803000	500-180	35	180	8	1	360
0500002503000	500-250	50	250	10	1	570
0500003003000	500-300	65	300	12	1	895

500P-...
PRISM GRIP PLIER

- for round and flat material
- 3-point support for any material profile
- with adjustment screw
- quick release lever with return spring
- forged, hardened and tempered prism jaws
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0500011803000	500P-180	25	180	8	1	280
0500012503000	500P-250	45	250	10	1	750
0500013003000	500P-300	45	300	12	1	975

500G-250
GRIP PLIER, STRAIGHT JAWS

- for flat material
- with adjustment screw
- quick release lever with return spring
- forged, hardened and tempered straight jaws
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0500202503000	500G-250	40	250	10	1	510

502-...

IDEAL GRIP PLIER

- for round, profile and flat material
- combined jaw shape
- with adjustment screw and release lever
- quick release lever with return spring
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0502001803000	502-180	45	180	8	1	365
0502002503000	502-250	45	250	10	1	570

501

PARALLEL-GRIP PLIER

- for round and flat material
- plier mouth with swivelling jaws
- with adjustment screw
- quick release lever with return spring
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0501000000000	501	45	250	10	1	575

508-...

LONG NOSE OR CROW NOSE PLIER

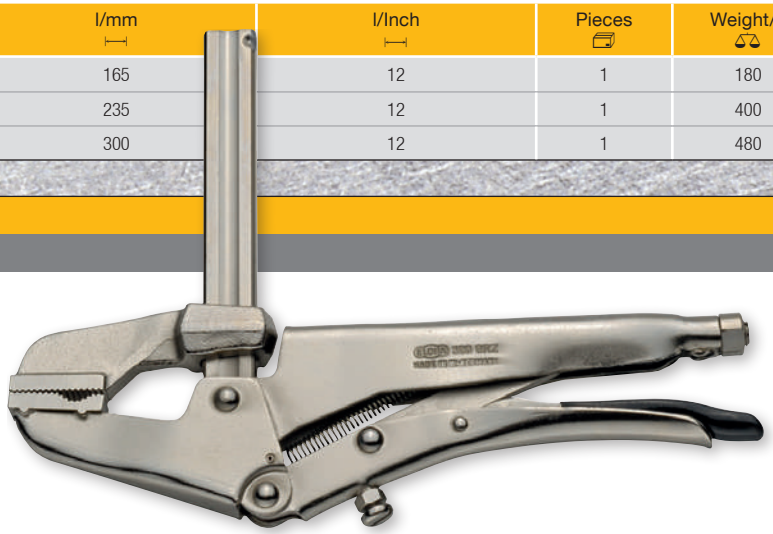
- to clamp or remove round, profile and flat material in narrow and deep sections for e.g. motors, control cabinets etc.
- long, slim jaws with burner hole
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0508001653000	508-165	0-55	165	12	1	180
0508002353000	508-235	0-70	235	12	1	400
0508003003000	508-300	0-130	300	12	1	480

505-...

PARALLEL GRIP PLIER

- suitable for small round parts and bulky items
- for exceedingly high work pieces
- even for smaller round pieces
- clamp function
- parallel clamping surface with prism recess
- equal parallelism over the complete clamping range
- long slide (100-200 mm)
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0505001003000	505-100	65	100	280	12.1/2	1	950
0505002003000	505-200	65	200	280	12.1/2	1	1100
0505000003000	505K	Protection cap set for parallel grip plier (for gentle tightening of sensitive surfaces)				1	5

512-180

SHEET METAL GRIP PLIER

- for clamping, bending and folding of thin and soft metal sheet
- 80 mm width, parallel joint jaws
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0512101803000	512-180	0-45	200	8	1	500

507-165/165S

C-CLAMP GRIP PLIER

- to use instead of screw clamps
- movable steel jaws in the S version
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507101653000	507-165	0-60	45	165	6.1/2"	1	230
0507101663000	507-165S	0-50	45	165	6.1/2"	1	250

507-280/280S

C-CLAMP GRIP PLIER

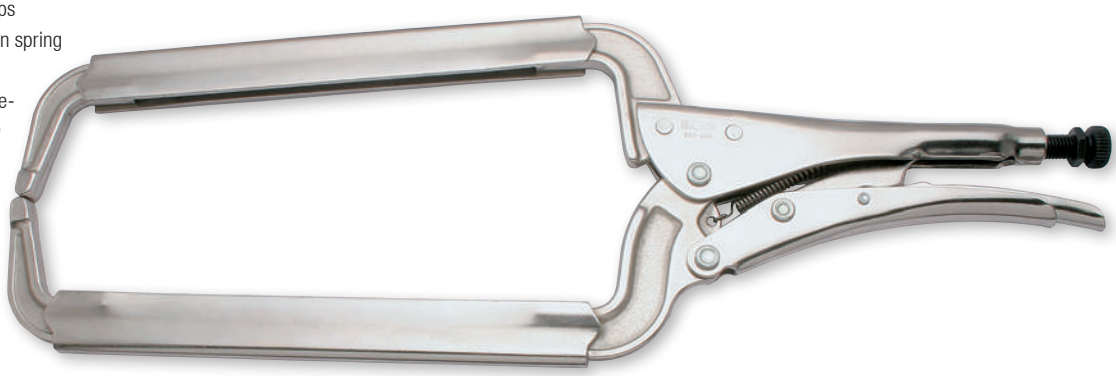
- to use instead of screw clamps
- movable steel jaws in the S version
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507102803000	507-280	0-100	70	300	12	1	890
0507102813000	507-280S	0-70	90	300	12	1	960

507-460

C-CLAMP GRIP PLIER

- to use instead of screw clamps
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507104603000	507-460	0-260	250	460	18	1	1340

507-...

C-CLAMP GRIP PLIER

- to use instead of screw clamps
- movable steel jaws in the S version
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507106003000	507-600	0-400	400	630	25	1	1630
0507106013000	507-600S	0-400	400	630	25	1	1810

507A-...

ALUMINIUM C-CLAMP GRIP PLIER

- for clamping of profile material with high racks and for work on bulky work pieces
- the light alloy avoids the adhering of welding beads
- approx. 40% weight reduction for better handling in continuous operation
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of heavy-duty light metal alloy

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507203003000	507A-300	0-90	70	300	12	1	640
0507203603000	507A-360	0-180	140	360	14	1	870

509-500

C-CLAMP GRIP PLIER

- for clamping of profile material with high racks and for work on bulky work pieces, especially appropirate for metal construction and car body work
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0509005003000	509-500	0-270	300	500	20	1	1785

510-280

WELDER'S GRIP PLIER

- for clamping of profiles and straps, especially appropriate to connect two working pieces of the same thickness
- the large opening allows a good overview during welding
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0510102803000	510-280	0-90	80	300	12	1	930

510A-280

WELDER'S ALUMINIUM GRIP PLIER

- for clamping of profiles and straps, especially appropriate to connect two working pieces of the same thickness
- the light metal alloy avoids the adhering of welding beads
- approx. 25% weight reduction for better handling in continuous operation
- the large opening allows a good overview during welding
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of heavy-duty light metal alloy

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0510202803000	510A-280	0-100	70	300	12	1	720

511-280

PIPE WELDERS GRIP PLIER

- for centered clamping of two close-fitting pipes for welding, drilling, soldering etc.
- the large opening allows a good overview during welding
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0511102803000	511-280	0-100	90	300	12	1	925

524-...

CHAIN GRIP PLIER

- for clamping of any shaped profile, especially appropriate in narrow and difficult to reach areas like oil filters, exhaust pipes, etc.
- ELORA-No. 524E is an extension as well as spare chain at the same time
- quick release lever with return spring
- drop-forged, nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

Code	Number	for ø up to mm	l/mm	Pieces	Weight/g
0524002503000	524-250	160	250	1	900
0524003003000	524-300	160	300	1	1110
0524400003000	524-E	spare and extension chain	480	1	310

500-S4

GRIP PLIER SET

- 4 pcs.
- carton box packed

Code	Number	Contents	Pieces	Weight/g
0500500401000	500-S4	500-250 Rip Plier with Wire Cutter, curved Jaws 508-165 Long Nose- or Crow Nose Plier 507-280 C-Clamp Grip Plier 519 Micro Grip Plier	1	1760

Advantages of the elora-axial-grip-pliers:

- ergonomical design. Round contours for operator's comfort.
- small size and linear motion allows use for many shapes even in awkward sections.
- easy push-button release.
- one-hand-operating.

Application:

Axial Grip Pliers are suitable for body repair jobs and welding work.
No provisional welding required to hold body parts for assembly.

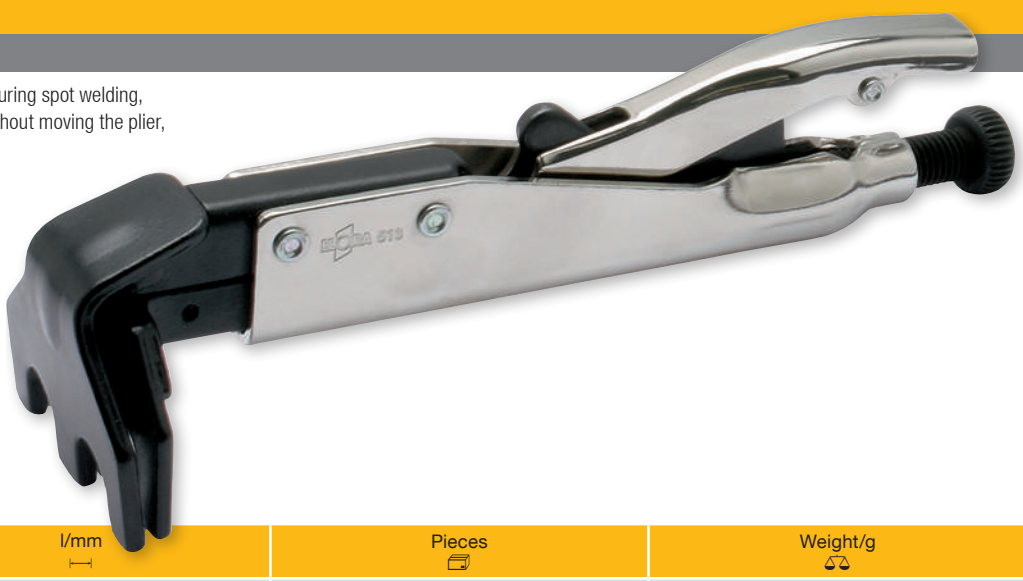
519
MICRO GRIP PLIER

- high grade, hardened and tempered aluminium alloy, 120 g light only
- ergonomic design with rounded shape
- one-hand operation
- axial movement of the moveable jaw
- brass screw is also the moveable jaw
- brass screw/ moveable jaw made of solid brass
- knurled knob of the brass adjust screw
- anodized body

Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0519000003000	519	12	92	1	120

513
AXIAL GRIP PLIER

- for clamping of overlapping metal sheets during spot welding, makes it possible to weld 4 clean spots without moving the plier, for use on doorways, side pieces, etc.
- slim shape with quick release lever
- jaw adjustment: 0-15 mm
- jaw wideness: 57 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel



Code	Number	l/mm	Pieces	Weight/g
0513000003000	513	195	1	480

514
AXIAL GRIP PLIER

- for clamping of metal sheet with high racks, especially appropriate for work on side panels and rear parts, U-shaped body profiles etc. and for welding in folds on VW, Audi, Opel, Ford, various Japanese cars
- slim shape with quick release lever
- jaw adjustment: 0-15 mm
- jaw wideness: 45 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel

Code	Number	l/mm	Pieces	Weight/g
0514000003000	514	235	1	490

515
AXIAL GRIP PLIER

- for clamping of U-profiles and U-shaped body profiles, especially appropriated for adjusting rear parts and rear side panels
- slim shape with quick release lever
- jaw adjustment: 0-15 mm
- jaw wideness: 18 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel

Code	Number	l/mm	Pieces	Weight/g
0515000003000	515	210	1	430

516
AXIAL GRIP PLIER

- for the rectangular clamping of two metal sheet pieces of the same thickness, for welding from fillet straight to the metal sheet edge
- slim shape with quick release lever
- jaw adjustment: 0-10 mm
- jaw wideness: 50 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel

Code	Number	l/mm	Pieces	Weight/g
0516000003000	516	200	1	470

517
AXIAL GRIP PLIER

- for clamping of U-profiles and U-shaped body profiles, especially appropriate for adjusting door sills, wheel housings, roofs and side panels for afterwards spot welding between the plier jaws
- slim shape with quick release lever
- jaw adjustment: 0-15 mm
- jaw wideness: 45 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel

Code	Number	l/mm	Pieces	Weight/g
0517000003000	517	220	1	450

518
AXIAL GRIP PLIER

- for work in tight curves, especially appropriate for work on doorways, wheel housings, tail gates, bonnets and rear side panels, without moving the plier
- slim shape with quick release lever
- jaw adjustment: 0-18 mm
- jaw wideness: 18 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel

Code	Number	l/mm	Pieces	Weight/g
0518000003000	518	195	1	420

519S-6
AXIAL GRIP PLIER SET

- 6 pcs.
- carton box packed

Code	Number	Contents	Pieces	Weight/g
0519500063000	519-S6	Axial Grip Pliers 513, 514, 515, 516, 517, 518	1	2740

473-J 1-4

CIRCLIP PLIER FOR INTERNAL RETAINING RING

- for internal retaining rings acc. to DIN 472, DIN 984
- straight jaws
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form C

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0473010082000	473-J1	8-25	140	5,5	1	96
0473010192000	473-J2	19-60	170	7	1	145
0473010402000	473-J3	40-100	220	9	1	215
0473010852000	473-J4	85-165	320	13	1	410

473-J 11-41

CIRCLIP PLIER FOR INTERNAL RETAINING RING

- for internal retaining rings acc. to DIN 472, DIN 984
- jaws bent at 90°
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form D

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0473020082000	473-J11	8-25	140	5,5	1	94
0473020192000	473-J21	19-60	170	7	1	145
0473020402000	473-J31	40-100	220	9	1	210
0473020852000	473-J41	85-165	320	13	1	420

474-A1-4

CIRCLIP PLIER FOR EXTERNAL RETAINING RING

- for external retaining rings acc. to DIN 471, DIN 983
- straight jaws, self-opening due to mounted double leaf spring
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form A

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0474010102000	474-A1	10-25	135	5	1	70
0474010192000	474-A2	19-60	170	7	1	165
0474010402000	474-A3	40-100	220	9	1	260
0474010852000	474-A4	85-165	320	13	1	440

474-A11-41

CIRCLIP PLIER FOR EXTERNAL RETAINING RING

- for external retaining rings acc. to DIN 471, DIN 983
- jaws bent at 90°, self-opening due to mounted double leaf spring
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form B

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0474020102000	474-A11	10-25	135	5	1	70
0474020192000	474-A21	19-60	170	7	1	165
0474020402000	474-A31	40-100	220	9	1	260
0474020852000	474-A41	85-165	320	13	1	440

469

CIRCLIP PLIER FOR EXTERNAL RETAINING RINGS

- for external retaining rings without holes
- straight jaws, self-opening due to mounted double leaf spring
- chrome-plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0469000000000	469	175	7	1	170

404-S41

CIRCLIP PLIER SET

- 4 pcs.
- carton box packed
- chequered handles
- chrome-plated, polished joint

Code	Number	Contents	Pieces	Weight/g
0404500411000	404-S41	Circlip Plier for Internal Retaining Ring 473-J 2; 473-J 21 Circlip Plier for External Retaining Ring 474-A2; 474-A21	1	620

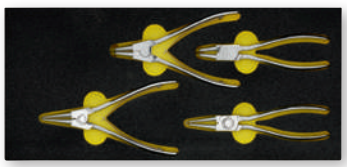
404-S8

CIRCLIP PLIER SET

- 8 pcs.
- assortment in convenient plastic case
- chrome plated, polished joint, chequered handles

Code	Number	Contents	Pieces	Weight/g
0404500801000	404-S8	Circlip Plier for Internal Retaining Ring 473-J 1; 473-J 11; 473-J 2; 473-J 21 Circlip Plier for External Retaining Ring 474-A1; 474-A11; 474-A2; 474-A21	1	1660

You will find the matching OMS-20 module on page no. 53



You will find the matching MS-26 module on page no. 60

383-J1-J4

CIRCLIP PLIER FOR INTERNAL RETAINING RING

- for internal retaining rings acc. to DIN 472, DIN 984
- straight jaws
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form C

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0383010085100	383-J1	8-25	140	5,5	1	85
0383010195100	383-J2	19-60	180	7	1	145
0383010405100	383-J3	40-100	220	9	1	225
0383010855100	383-J4	85-165	320	13	1	440

383-J11-J41

CIRCLIP PLIER FOR INTERNAL RETAINING RING

- for internal retaining rings acc. to DIN 472, DIN 984
- jaws bent at 90°
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form D

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0383020085100	383-J11	8-25	130	5	1	85
0383020195100	383-J21	19-60	170	7	1	145
0383020405100	383-J31	40-100	210	8,5	1	225
0383020855100	383-J41	85-165	310	12,5	1	440

384-A0-A4

CIRCLIP PLIER FOR EXTERNAL RETAINING RING

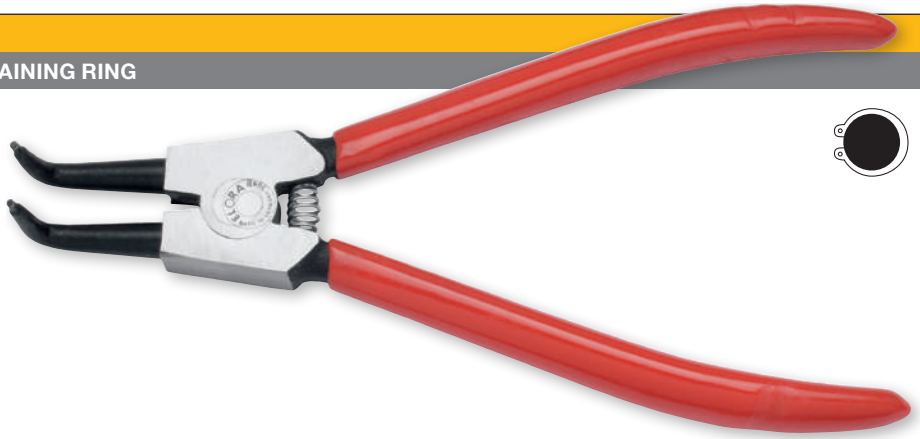
- for external retaining rings acc. to DIN 471, DIN 983
- straight jaws, self-opening due to mounted spiral spring
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form A

Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0384010035100	384-A0	3-10	140	5,5	1	80
0384010105100	384-A1	10-25	140	5,5	1	80
0384010195100	384-A2	19-60	180	7	1	140
0384010405100	384-A3	40-100	220	9	1	205
0384010855100	384-A4	85-165	320	13	1	430

384-A01-A41

CIRCLIP PLIER FOR EXTERNAL RETAINING RING

- for external retaining rings acc. to DIN 471, DIN 983
- jaws bent at 90°, self-opening due to mounted spiral spring
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form B



Code	Number	for circlips from ... to Ø mm	l/mm	l/Inch	Pieces	Weight/g
0384020035100	384-A01	3-10	130	5	1	80
0384020105100	384-A11	10-25	130	5	1	80
0384020195100	384-A21	19-60	170	7	1	140
0384020405100	384-A31	40-100	210	8,5	1	205
0384020855100	384-A41	85-165	310	12,5	1	430

304-S4

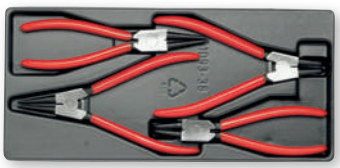
CIRCLIP PLIER SET

- 4 pcs.
- carton box packed
- red dip insulated handles

Code	Number	Contents	Pieces	Weight/g
0304500401000	304-S4	Circlip Plier for Internal Retaining Ring 383-J 2; 383-J 21 Circlip Plier for External Retaining Ring 384-A2; 384-A21	1	570

08

You will find the matching MS-25 module on page no. 60



ZANGEN, BOLZENSCHNEIDER UND BLECHSCHEREN
PLIERS, BOLT CUTTERS AND SHEARS
ELORA
KFZ- UND SPEZIALWERKZEUGE
AUTOMOTIVE- AND SPECIAL TOOLS

09

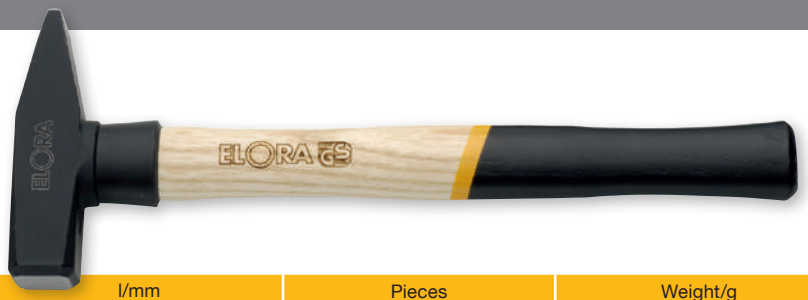
STRIKING TOOLS

HAMMERS AND CLUB HAMMERS	Page 360
SOFT FACED HAMMERS	Page 364
HAND STRIKING TOOLS	Page 369
DRIFT, CENTER, PIN PUNCHES	Page 372
BENDING BARS, NAIL LIFTERS AND WRECKING BARS	Page 379
BENCH VICES AND ACCESORIES	Page 383

1665-...

ENGINEER'S HAMMER, GERMAN PATTERN

- drop forged hammer head with safety collar
- inductive hardened and coated
- face and peen polished
- ash handle with shaft protection bush made of nylon
- mechanically fixed with a steel ring wedge and epoxide resin
- ELORA-high grade tool steel C45 / 1.0503
- hammer head according to DIN 1041, handle according to DIN 5111



Code	Number	g	l/mm	Pieces	Weight/g
1665001007000	1665-100	100	260	2	145
1665002007000	1665-200	200	275	2	250
1665003007000	1665-300	300	300	2	370
1665004007000	1665-400	400	310	2	460
1665005007000	1665-500	500	320	2	590
1665006007000	1665-600	600	325	2	730
1665008007000	1665-800	800	350	2	910
1665010007000	1665-1000	1000	355	2	1170
1665015007000	1665-1500	1500	380	2	1700
1665020007000	1665-2000	2000	400	2	2285

1665ST-...

HANDLE FOR ENGINEER'S HAMMER

- for ELORA-No. 1665-..., German pattern
- ash handle according to DIN 5111

Code	Number	g	l/mm	Pieces	Weight/g
1665001008000	1665ST-100	100	250	6	50
1665002008000	1665ST-200	200	275	6	57
1665003008000	1665ST-300	300	300	6	71
1665004008000	1665ST-400	400	310	6	100
1665005008000	1665ST-500	500	320	6	105
1665006008000	1665ST-600	600	325	6	127
1665008008000	1665ST-800	800	350	2	149
1665010008000	1665ST-1000	1000	355	2	157
1665015008000	1665ST-1500	1500	380	2	185
1665020008000	1665ST-2000	2000	400	2	285

1665KL-...

WEDGE FOR ENGINEER'S HAMMER

- for ELORA-No. 1665-..., German pattern

Code	Number	g	Ø	Pieces	Weight/g
1665401000000	1665KL-100	100	7	6	1
1665402000000	1665KL-200	200	8	6	2
1665403000000	1665KL-300	300	9	6	2
1665404000000	1665KL-400	400	10	6	3
1665405000000	1665KL-500	500	12	6	4
1665406000000	1665KL-600	600	13	6	6
1665408000000	1665KL-800	800	14	6	7
1665410000000	1665KL-1000	1000	15	6	8
1665415000000	1665KL-1500	1500	15	6	8
1665420000000	1665KL-2000	2000	16	6	11

1665-K...

ENGINEER'S HAMMER, GERMAN PATTERN

- vibration-free
- drop forged hammer head with safety collar
- inductive hardened and coated
- face and peen polished
- 3 component high security handle with nonslip rubber grip and a core made of aluminium alloy
- shaft protection bush made of nylon
- mechanically fixed with a steel ring wedge and epoxide resin
- ELORA-high grade tool steel C45 / 1.0503
- hammer head according to DIN 1041

Code	Number	g	l/mm	Pieces	Weight/g
1665003007700	1665-K300	300 g	304	2	467
1665005007700	1665-K500	500 g	325	2	751
1665010007700	1665-K1000	1000 g	363	2	1372

You will find the matching OMS-12 module on page no. 53

You will find the matching OMS-8 module on page no. 54

1670-...
ENGINEER'S HAMMER, ENGLISH PATTERN

- drop forged hammer head
- inductive hardened and coated
- face and peen polished
- ash handle
- mechanically fixed with a ring steel wedge and epoxide resin
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	lb.	l/mm	Pieces	Weight/g
1670100237000	1670-1/2	1/2	295	2	310
1670100287000	1670-3/4	3/4	315	2	465
1670100347000	1670-1	1	335	2	555
1670100387000	1670-1.1/2	1.1/2	365	2	825
1670100497000	1670-2	2	375	2	1025

1670ST-...
HANDLE FOR ENGINEER'S HAMMER

- for ELORA-No. 1670-..., English pattern
- ash handle according to DIN 5111

Code	Number	lb.	l/mm	Pieces	Weight/g
1670100238000	1670ST-1/2	1/2	295	6	81
1670100288000	1670ST-3/4	3/4	315	6	98
1670100348000	1670ST-1	1	335	6	105
1670100388000	1670ST-1.1/2	1.1/2	365	2	132
1670100498000	1670ST-2	2	375	2	150

1670KL-...
WEDGE FOR ENGINEER'S HAMMER

- for ELORA-No. 1670-..., English pattern

Code	Number	lb.	Ø	Pieces	Weight/g
1670400230000	1670KL-1/2	1/2	8	6	2
1670400280000	1670KL-3/4	3/4	10	6	3
1670400340000	1670KL-1	1	12	6	6
1670400380000	1670KL-1.1/2	1.1/2	13	6	7
1670400490000	1670KL-2	2	15	6	8

1672-...
CLUB HAMMER, GERMAN PATTERN

- drop forged hammer head with safety collar
- inductive hardened and coated
- faces polished
- ash handle with shaft protection bush made of nylon
- mechanically fixed with a steel ring wedge and epoxide resin
- ELORA-high grade tool steel C45 / 1.0503
- hammer head according to DIN 6475, handle according to DIN 5135

Code	Number	g	l/mm Ø	Pieces	Weight/g
1672010007000	1672-1000	1000 g	260	2	1180
1672012507000	1672-1250	1250 g	260	2	1430
1672015007000	1672-1500	1500 g	280	2	1690
1672020007000	1672-2000	2000 g	300	2	2200

1672ST-...
HANDLE FOR CLUB HAMMER

- for ELORA-No. 1672-..., German pattern
- ash handle according to DIN 5135

Code	Number	g	l/mm	Pieces	Weight/g
1672401008000	1672ST-1000	1000	260	6	82
1672412508000	1672ST-1250	1250	260	6	86
1672415008000	1672ST-1500	1500	280	6	115
1672402008000	1672ST-2000	2000	300	6	134

1672KL-...
WEDGE FOR CLUB HAMMER

- for ELORA-No. 1672-..., German pattern

Code	Number	g	Ø	Pieces	Weight/g
1672410000000	1672KL-1000	1000	14	6	7
1672412500000	1672KL-1250	1250	15	6	8
1672415000000	1672KL-1500	1500	15	6	8
1672420000000	1672KL-2000	2000	16	6	11

1672-K...
CLUB HAMMER, GERMAN PATTERN

- vibration-free
- drop forged hammer head with safety collar
- inductive hardened and coated
- faces polished
- 3 component high safety handle with nonslip rubber grip and a core made of aluminium alloy
- shaft protection bush made of nylon
- mechanically fixed with a steel ring wedge and epoxide resin
- ELORA-high grade tool steel C45 / 1.0503
- hammer head according to DIN 6475

Code	Number	g	l/mm	Pieces	Weight/g
1672008007700	1672-K800	800	260	2	1031
1672010007700	1672-K1000	1000	260	2	1215
1672012507700	1672-K1250	1250	260	2	1416
1672015007700	1672-K1500	1500	282	2	1816

09

1673-...
SLEDGE HAMMER, GERMAN PATTERN

- forged hammer head
- inductive hardened and coated
- face and peen polished
- ash handle
- mechanically fixed with a steel ring wedge
- ELORA-high grade tool steel C45 / 1.0503
- hammer head according to DIN 1042, handle according to DIN 5112

Code	Number	g	l/mm	Pieces	Weight/g
1673030007000	1673-3000	3000	900	1	3700
1673040007000	1673-4000	4000	900	1	4600
1673050007000	1673-5000	5000	900	1	5600
1673060007000	1673-6000	6000	900	1	6500
1673080007000	1673-8000	8000	900	1	8500
1673100007000	1673-10000	10000	900	1	10500

1673ST-...
HANDLE FOR SLEDGE HAMMER

- for ELORA-No. 1673-..., German pattern
- ash handle according to DIN 5112

Code	Number	g	l/mm	Pieces	Weight/g
1673430008000	1673ST-3000	3000	900	2	620
1673440008000	1673ST-4000	4000	900	2	625
1673450008000	1673ST-5000	5000	900	2	670
1673460008000	1673ST-6000	6000	900	2	700
1673480008000	1673ST-8000	8000	900	2	800
1673410008001	1673ST-10000	10000	900	2	800

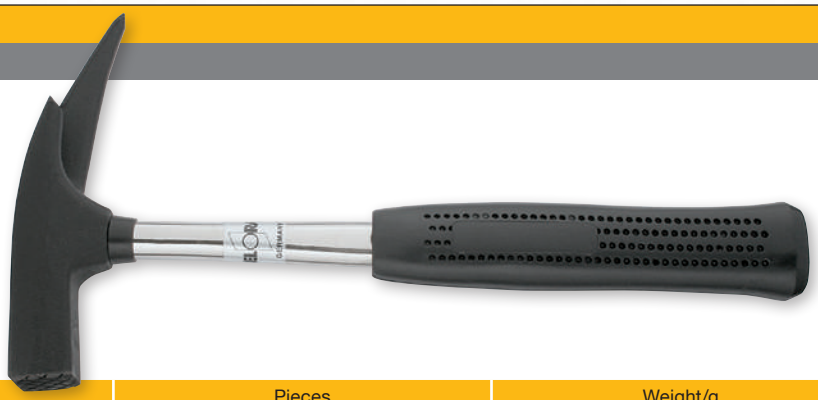
1673KL-...
WEDGE FOR SLEDGE HAMMER

- for ELORA-No. 1673-..., German pattern

Code	Number	g	Ø	Pieces	Weight/g
1673430008010	1673KL-3000	3000	20	6	24
1673440008010	1673KL-4000	4000	20	6	24
1673450008010	1673KL-5000	5000	20	6	24
1673460008010	1673KL-6000	6000	20	6	24
1673480008010	1673KL-8000	8000	20	6	24
1673410008011	1673KL-10000	10000	20	6	24

1678
CARPENTER'S HAMMER

- drop forged hammer head
- black, nonslip plastic handle
- head coated and mechanically fixed
- steel tube handle
- head made from high grade tool steel C45 / 1.0503



Code	Number	l/mm	Pieces	Weight/g
1678000000000	1678	320	2	600

1680-330
CLAW HAMMER

- drop forged hammer head
- black, nonslip plastic handle
- coated head, face and claw polished
- steel tube handle
- head made of high grade tool steel C45 / 1.0503

Code	Number	Face Ø mm	l/mm	Pieces	Weight/g
1680000000000	1680-330	28	330	2	765

331
WELDER'S CHIPPING HAMMER

- with steel tube handle
- coated

Code	Number	l/mm	Pieces	Weight/g
0331000005100	331	290	1	400

1620-...
RUBBER MALLET

- with 2 flat faces and ash handle
- according to DIN 5128-90, 90 Shore A
- spare heads on request

Code	Number	Head Ø mm	Head-Length mm	l/mm	Pieces	Weight/g
1620000557000	1620-55	55	90	320	2	350
1620000657000	1620-65	65	115	340	2	520
1620000757000	1620-75	75	130	380	2	750
1620000907000	1620-90	90	140	380	2	1130

1660-...
SOFT FACED HAMMER

- face holder made of cast zinc
- exchangeable faces made of impact resistant Cellulose-Acetate
- ash handle
- DIN 53505, 65 Shore D

Code	Number	Head Ø mm	l/mm	Pieces	Weight/g
1660000220000	1660-22	22	250	2	145
1660000270000	1660-27	27	265	2	230
1660000320000	1660-32	32	280	2	310
1660000350000	1660-35	35	290	2	405
1660000400000	1660-40	40	320	2	570
1660000500000	1660-50	50	340	2	845
1660000600000	1660-60	60	340	2	1345

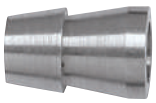
1660E-...
SPARE PLASTIC FACE

- for ELORA-No. 1660-...
- made of impact resistant Cellulose-Acetate

Code	Number	Head Ø mm	Pieces	Weight/g
1660010220000	1660E- 22	22	6	6
1660010270000	1660E- 27	27	6	14
1660010320000	1660E- 32	32	6	22
1660010350000	1660E- 35	35	6	28
1660010400000	1660E- 40	40	6	35
1660010500000	1660E- 50	50	6	68
1660010600000	1660E- 60	60	6	106

1660KL-...
WEDGE FOR SOFT FACED HAMMER

- for ELORA-No. 1660-...



Code	Number	g	Ø	Pieces	Weight/g
1660410220000	1660KL-22	22	8	6	2
1660410270000	1660KL-27	27	10	6	3
1660410320000	1660KL-32	32	10	6	3
1660410350000	1660KL-35	35	10	6	5
1660410400000	1660KL-40	40	12	6	5
1660410500000	1660KL-50	50	13	6	6
1660410600000	1660KL-60	60	13	6	6

1660ST-...
HANDLE FOR SOFT FACED HAMMER

- for ELORA-No. 1660-1661-...
- ash wood

Code	Number	Ø	l/mm	Pieces	Weight/g
1660400228000	1660ST-22	22	250	6	44
1660400278000	1660ST-27	27	265	6	51
1660400328000	1660ST-32	32	280	6	55
1660400358000	1660ST-35	35	290	6	58

Code	Number	Ø	l/mm	Pieces	Weight/g
1660400408000	1660ST-40	40	320	6	82
1660400508000	1660ST-50	50	340	6	90
1660400608000	1660ST-60	60	340	6	100

1661-...

PLASTIC HAMMER

- face holder made of cast zinc
- exchangeable faces made of impact resistant Desmopan
- ash handle
- DIN 53505, 55 Shore D

Code	Number	Head Ø mm	l/mm	Pieces	Weight/g
1661000220000	1661-22	22	250	2	142
1661000320000	1661-32	32	280	2	330
1661000400000	1661-40	40	320	2	535
1661000500000	1661-50	50	335	2	855

1661E-...

SPARE PLASTIC FACE

- for ELORA-No. 1661-...
- wear- and break-resistant material Desmopan

Code	Number	Head Ø mm	Pieces	Weight/g
1661010220000	1661E- 22	22	6	14
1661010320000	1661E- 32	32	6	42
1661010400000	1661E- 40	40	6	74
1661010500000	1661E- 50	50	6	130

1690E-...

SPARE NYLON FACE

- for ELORA-No. 1690-...
- wear- and break-resistant material Nylon

Code	Number	Head Ø mm	Pieces	Weight/g
1690010206000	1690E- 20	20	6	6
1690010256000	1690E- 25	25	6	10
1690010306000	1690E- 30	30	6	18
1690010356000	1690E- 35	35	6	24
1690010406000	1690E- 40	40	6	32
1690010456000	1690E- 45	45	6	40
1690010506000	1690E- 50	50	2	55
1690010606000	1690E- 60	60	2	95
1690010706000	1690E- 70	70	2	130
1690010806000	1690E- 80	80	2	200

09

1690-...

DEAD-BLOW NYLON SOFT FACED HAMMER

- specially appropriated for targeted strikes (automobile industries, moulds and tool making)
- for non-rebounding strikes without loosing power of impact and material gently work
- strong steel center section with holding pins for the spare nylon faces
- mass of steel shot in the hammer head exactly fine-tuned (mass inertia principle)
- nylon striking faces, exchangeable
- hickory handle
- DIN 53505, 73 Shore D

Code	Number	Head Ø mm	l/mm	Pieces	Weight/g
1690000206000	1690-20	20	305	2	230
1690000256000	1690-25	25	305	2	310
1690000306000	1690-30	30	330	2	430
1690000356000	1690-35	35	330	2	550
1690000406000	1690-40	40	350	2	720

Code	Number	Head Ø mm	l/mm	Pieces	Weight/g
1690000456000	1690-45	45	365	2	850
1690000506000	1690-50	50	360	1	1030
1690000606000	1690-60	60	360	1	1750
1690000706000	1690-70	70	380	1	2290
1690000806000	1690-80	80	380	1	3200

1600-...

HAMMER HOLDER

- 1600-1H and 1600-2H:
  for presentation of hammers on perforated board
- 1600-3H:
  for presentation of club hammers on perforated board

Code	Number	l/mm	Pieces	Weight/g
1600000017000	1600-1H	200	1	290
1600000027000	1600-2H	300	1	365
1600000037000	1600-3H	200	1	445

1685-...

SIMPLEX-SOFT FACED HAMMER

- for use with striking faces ELORA-No. 1687E
- striking faces are not included
  and have to be ordered separately
- basic unit made of malleable cast iron
  with strong groove profile
- handle made of hard wood

Code	Number	For faces Ø mm	l/mm	Pieces	Weight/g
1685000306000	1685-30	30	300	2	380
1685000406000	1685-40	40	330	2	720
1685000506000	1685-50	50	370	2	890
1685000606000	1685-60	60	405	1	1150
1685000806000	1685-80	80	495	1	2210

1686-...

SIMPLEX-SOFT FACED HAMMER

- for use with striking faces ELORA-Nr. 1687E-...
- do not use with soft-metal faces
  ELORA-No. 1687E-WM...
- striking faces are not included
  and have to be ordered separately
- basic unit made of malleable cast iron
  with strong groove profile
- handle made of hard wood

Code	Number	For faces Ø mm	l/mm	Pieces	Weight/g
1686000306000	1686-30	30	300	2	205
1686000406000	1686-40	40	350	2	375
1686000506000	1686-50	50	370	2	450
1686000606000	1686-60	60	405	1	555

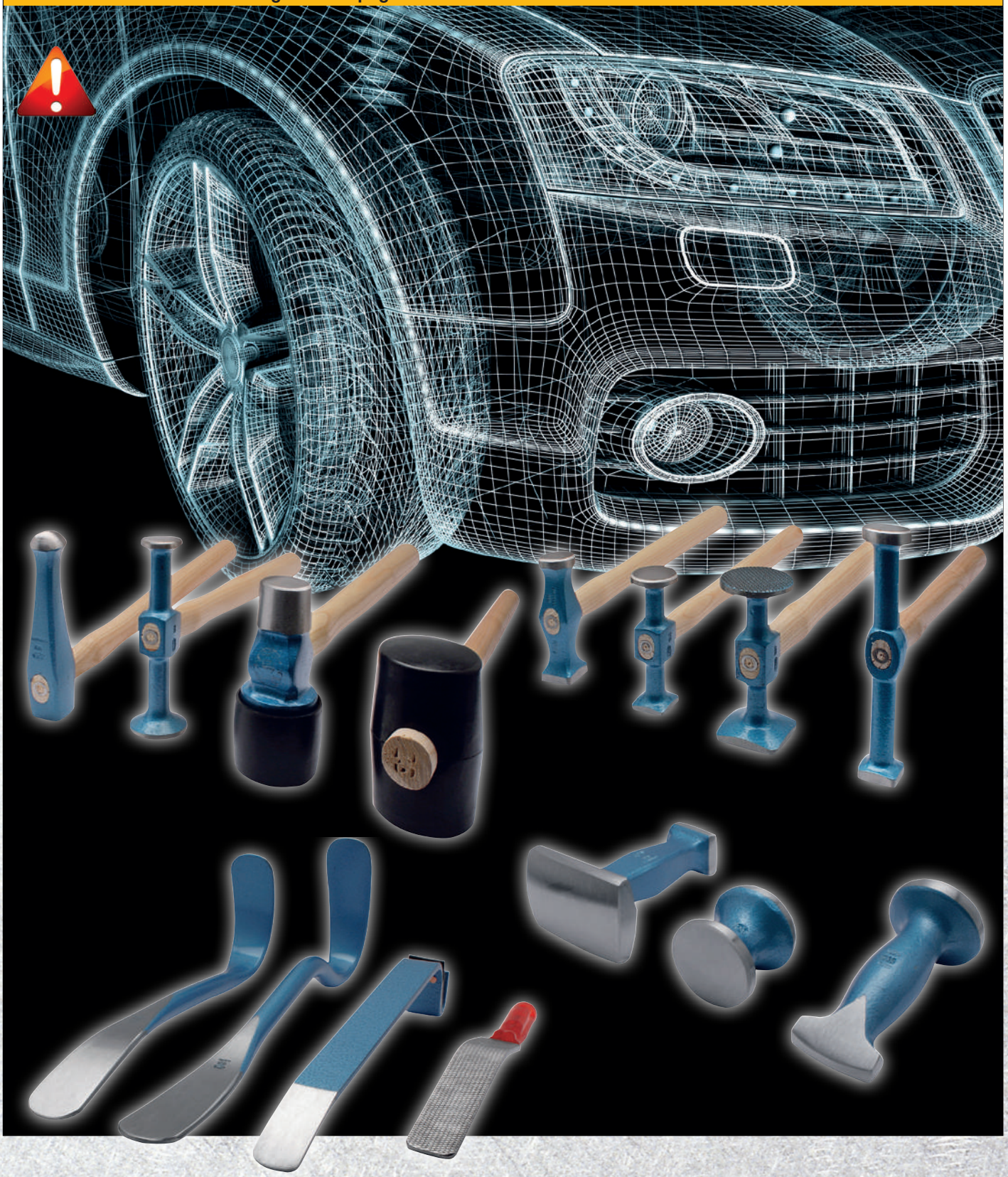
1687E-...

STRIKING FACES FOR "SIMPLEX" SOFT FACED HAMMER

- for use with Simplex-Soft Faced Hammer ELORA-No. 1685 and 1686
- resistant to color abrasion
- soft-metal faces ELORA-No. 1687E-WM …
  not to be used with ELORA-No. 1686
- TPS: blue, Thermoplastic-Elastomer, for delicate work pieces, alloy construction, window construction, building industry, carpenter´s workshop, installation work
- GU: black, rubber composite, for robust work, i.e. plaster crafts…
- SK: white , super plastic, very tough, unbreakable, acid and base resistant, RCH 100 nature, all-purpose use, for metal industry (edge hits), plaster works, automobile sector, car body construction
- TPM: grey, Thermoplastic-Elastomer, all-purpose use, for tilling, dry construction, metal sheet processing
- KU: red, Cellulose-Acetate, high operational demand, building industry, automobile sector, car body construction, staging, …
- NY: white, Polyamide 6 (Nylon), very high operational demand, for metal-working industry, (powerful targeted strikes), heavy- and building industry, staging, moulds construction, mounting of sharp-edged tools, repair work on agricultural machinery, …
- WM: silver, soft metal, Al-Cu alloy, heat resistant, for tool construction, heavy- and building industry, moulds construction, foundry, straightening work

Code	Number	Striking Type	Head Ø mm	Pieces	Weight/g
1687010306000	1687E-TPS 30	soft, 65 Shore A	30	6	24
1687010406000	1687E-TPS 40	soft, 65 Shore A	40	6	51
1687010506000	1687E-TPS 50	soft, 65 Shore A	50	2	97
1687010606000	1687E-TPS 60	soft, 65 Shore A	60	1	150
1687003306000	1687E-GU 30	medium, 95 Shore A	30	6	34
1687003406000	1687E-GU 40	medium, 95 Shore A	40	6	78
1687003506000	1687E-GU 50	medium, 95 Shore A	50	2	130
1687003606000	1687E-GU 60	medium, 95 Shore A	60	1	250
1687003806000	1687E-GU 80	medium, 95 Shore A	80	1	505
1687004306000	1687E-SK 30	medium, 95 Shore A	30	6	22
1687004406000	1687E-SK 40	medium, 65 Shore D	40	6	52
1687004506000	1687E-SK 50	medium, 65 Shore D	50	2	98
1687004606000	1687E-SK 60	medium, 65 Shore D	60	1	160
1687004806000	1687E-SK 80	medium, 65 Shore D	80	1	325
1687011306000	1687E-TPM 30	medium, 90 Shore D	30	6	24
1687011406000	1687E-TPM 40	medium, 90 Shore D	40	6	51
1687011506000	1687E-TPM 50	medium, 90 Shore D	50	2	97
1687011606000	1687E-TPM 60	medium, 90 Shore D	60	1	140
1687006306000	1687E-KU 30	hard, 70 Shore D	30	6	26
1687006406000	1687E-KU 40	hard, 70 Shore D	40	6	58
1687006506000	1687E-KU 50	hard, 70 Shore D	50	2	116
1687006606000	1687E-KU 60	hard, 70 Shore D	60	1	180
1687008306000	1687E-NY 30	hard, 73 Shore D	30	6	28
1687008406000	1687E-NY 40	hard, 73 Shore D	40	6	64
1687008506000	1687E-NY 50	hard, 73 Shore D	50	2	120
1687008606000	1687E-NY 60	hard, 73 Shore D	60	1	200
1687008806000	1687E-NY 80	hard, 73 Shore D	80	1	405
1687009306000	1687E-WM 30	hard, Al-Cu alloy	30	6	50
1687009406000	1687E-WM 40	hard, Al-Cu alloy	40	6	122
1687009506000	1687E-WM 50	hard, Al-Cu alloy	50	2	250
1687009606000	1687E-WM 60	hard, Al-Cu alloy	60	1	405
1687009806000	1687E-WM 80	hard, Al-Cu alloy	80	1	805

You will find automotive striking tools on page no. 441-447



260-...

FLAT CHISEL, FLAT OVAL

- for metal work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 6453

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0260001006000	260-100	100	15	14 x 9	5	78
0260001256000	260-125	125	15	14 x 9	5	140
0260001506000	260-150	150	18	17 x 11	5	180
0260001756000	260-175	175	21	20 x 12	5	280
0260002006000	260-200	200	24	23 x 13	5	405
0260002506000	260-250	250	25	23 x 13	5	505
0260003006000	260-300	300	26	23 x 13	5	605
0260004006000	260-400	400	32	26 x 13	5	910

261-...

CAPE CHISEL, FLAT OVAL

- for metal work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 6453

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0261001506000	261-150	150	6	17 x 11	5	215
0261001756000	261-175	175	7	17 x 11	5	250
0261002006000	261-200	200	8	20 x 12	5	380
0261002506000	261-250	250	9	23 x 13	5	530

262-...

FLAT CHISEL, OCTAGONAL

- for metal work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0262001006000	262-100	100	10	8	5	56
0262001256000	262-125	125	12	10	5	68
0262001506000	262-150	150	16	12	5	118
0262001756000	262-175	175	20	14	5	210
0262002006000	262-200	200	22	16	5	310
0262002506000	262-250	250	26	18	5	490
0262003006000	262-300	300	26	18	5	595

263-...
CROSS-CUT CHISEL, OCTAGONAL

- for metal work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0263001256000	263-125	125	5	8	5	62
0263001506000	263-150	150	6	12	5	108
0263001756000	263-175	175	8	14	5	180
0263002006000	263-200	200	9	16	5	310
0263002506000	263-250	250	10	18	5	445

362-...
BRICKLAYER´S CHISEL, FLAT OVAL

- ffor stone work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 7254 Form A

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0362002006000	362-200	200	26	20 x 12	5	300
0362002506000	362-250	250	26	20 x 12	5	410
0362003006000	362-300	300	29	23 x 13	5	610
0362003506000	362-350	350	29	23 x 13	5	690
0362004006000	362-400	400	29	23 x 13	5	820

364-...
POINT CHISEL, OCTAGONAL

- for stone work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 7256

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0364002506000	364-250	250	5	16	5	350
0364003006000	364-300	300	5	18	5	545
0364003506000	364-350	350	5	18	5	670
0364004006000	364-400	400	5	20	5	950

365-...
ELECTRICIAN'S CHISEL, OCTAGONAL

- for stone work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0365020086010	365-200x8x10	200	10	8 x 8	5	115
0365025086010	365-250x8x10	250	10	8 x 8	5	135
0365030106012	365-300x10x12	300	12	10 x 10	5	310

283HS
HAND GUARD

- hand protection against impacts
- no rolling away due to octagonal shape
- suitable for all ELORA chisels, except ELORA-No. 361
- flat oval 20 x 12, 23 x 13, 26 x 13 mm
- octagonal 16, 18, 20 mm
- made of impact resistant special rubber

Code	Number	l/mm	Pieces	Weight/g
0283000000000	283HS	130	6	125

361
SLIT OR CAR BODY CHISEL, EXTRA FLAT

- for car body work
- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Width of Edge mm	Profile mm	Pieces	Weight/g
0361000000000	361	240	26	26 x 7	5	280

361HS
HAND GUARD FOR SLIT OR CAR BODY CHISEL

- hand protection against impacts
- no rolling away due to octagonal shape
- only for ELORA-No. 361
- made of impact resistant special rubber

Code	Number	l/mm	Stück	Gewicht/g
0361000007000	361HS	130	6	94

09

260-S5
CHISEL SET

- 5 pcs.
- in black plastic rolling pouch
- completely hardened and tempered
- striking heads inductive tempered
- working edges ground and oiled
- shafts black lacquered
- ELORA-Chrome-Vanadium 59CrV / 1.2242
- according to DIN 6453

Code	Number	Contents	Pieces	Weight/g
0260500056000	260-S5	1 piece each: 260-125 Flat Chisel, flat oval 260-150 Flat Chisel, flat oval 260-175 Flat Chisel, flat oval 260-200 Flat Chisel, flat oval 260-250 Flat Chisel, flat oval	1	1610

265-...

CENTRE PUNCH

- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Molybdenum-Vanadium 45CrMoV7 / 1.2328
- according to DIN 7250

Code	Number	l/mm	d Ø mm	s Ø mm	Pieces	Weight/g
0265001006000	265-10	120	4	10	10	65
0265001206000	265-12	120	5	12	10	90
0265001216000	265-12L	150	5	12	10	120

230

AUTOMATIC PUNCH

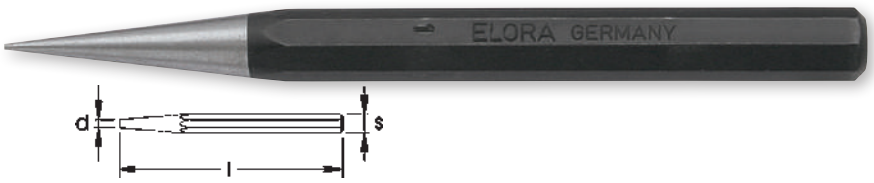
- automatic impact execution due to spring mechanism (one hand operation)
- impact can be adjusted
- with hand protection
- nickel plated

Code	Number	l/mm	Pieces	Weight/g	
0230000000000	230	145	3	105	

264-...

DRIFT PUNCH

- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Molybdenum-Vanadium 45CrMoV7 / 1.2328
- according to DIN 6458



Code	Number	l/mm	d Ø mm	s Ø mm	Pieces	Weight/g
0264012106020	264-120x10x2	120	2,0	10	10	58
0264012106030	264-120x10x3	120	3,0	10	10	62
0264012106040	264-120x10x4	120	4,0	10	10	64
0264012106050	264-120x10x5	120	5,0	10	10	66
0264012106060	264-120x10x6	120	6,0	10	10	66
0264012126020	264-120x12x2	120	2,0	12	10	86
0264012126030	264-120x12x3	120	3,0	12	10	88
0264012126040	264-120x12x4	120	4,0	12	10	90
0264012126050	264-120x12x5	120	5,0	12	10	94
0264012126060	264-120x12x6	120	6,0	12	10	96
0264012126070	264-120x12x7	120	7,0	12	10	96
0264012126080	264-120x12x8	120	8,0	12	10	98
0264012126100	264-120x12x10	120	10,0	12	10	104

09

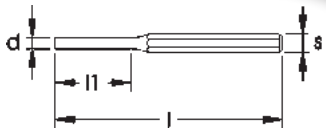
You will find mounting drift punches on page no. 379

You will find mounting check plugs on page no. 379

271-...

PARALLEL PIN PUNCH

- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 6450

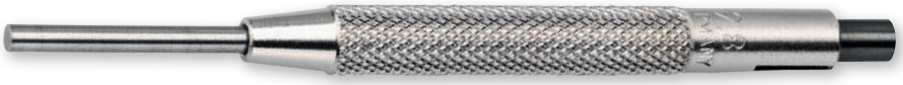


Code	Number	l/mm	l1 mm	d Ø mm	s Ø mm	Pieces	Weight/g
0271000206000	271-2	150	30	2,0	10	10	70
0271000306000	271-3	150	40	3,0	10	10	66
0271000406000	271-4	150	50	4,0	10	10	66
0271000416000	271-4L	175	80	4,0	10	10	62
0271000506000	271-5	150	50	5,0	10	10	66
0271000606000	271-6	150	50	6,0	10	10	70
0271000616000	271-6L	175	80	6,0	10	10	70
0271000706000	271-7	150	50	7,0	12	10	102
0271000806000	271-8	150	50	8,0	12	10	108
0271000906000	271-9	150	50	9,0	12	10	112
0271001006000	271-10	150	50	10,0	12	10	100

270-...

PIN PUNCH WITH GUIDE SLEEVE

- with movable guide sleeve
- ELORA-No. 270-59 with fix guide sleeve
- fine ground and polished
- shaft knurled
- driving point made of 115CrV3 / 1.2210, 55–59 HRC



Code	Number	l/mm	Pieces	Weight/g
0270000906000	270-09	80	10	15
0270001406000	270-14	85	10	21
0270001806000	270-18	88	10	25
0270002406000	270-24	92	10	30
0270002806000	270-28	96	10	30
0270003406000	270-34	96	10	35
0270003906000	270-39	100	10	40
0270005906000	270-59	100	10	45

270-S8

PIN PUNCH SET

- 8 pcs.
- in black metal box
- with movable guide sleeve
- ELORA-No. 250-59 with fix guide sleeve
- fine ground and polished
- shaft knurled
- driving point made of 115CrV3 / 1.2210, 55-59 HRC

Code	Number	Contents	Pieces	Weight/g
0270500081000	270-S8	1 pcs. each: Pin Punch with guide sleeve 270-09, 14, 18, 24, 28, 34, 39, 59	10	241

264K / 264KS

DRIFT PUNCH SET

- 6 pcs.
- ELORA-No. 264K in metal box
- ELORA-No. 264KS in plastic holder
- completely hardened and tempered
- striking heads inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Molybdenum-Vanadium 45CrMoV7 / 1.2328
- according to DIN 6458

Code	Number	Contents	Pieces	Weight/g
0264500606000	264K	1 piece each: 264-120 x 10 x 2 mm, Drift Punch 264-120 x 10 x 3 mm, Drift Punch 264-120 x 10 x 4 mm, Drift Punch 264-120 x 10 x 5 mm, Drift Punch 264-120 x 10 x 6 mm, Drift Punch 265-120 x 10 mm, Centre Punch	1	780
0264500607000	264KS	1 piece each: 264-120 x 10 x 2 mm, Drift Punch 264-120 x 10 x 3 mm, Drift Punch 264-120 x 10 x 4 mm, Drift Punch 264-120 x 10 x 5 mm, Drift Punch 264-120 x 10 x 6 mm, Drift Punch 265-120 x 10 mm, Centre Punch	1	780

266K / 266KS / 266S

CHISEL AND PUNCH SET

- 6 pcs.
- ELORA-No. 266K in metal box
- ELORA-No. 266KS in plastic holder
- ELORA-No. 266S in wooden holder
- completely hardened and striking heads inductive tempered
- working edge sharpened and oiled
- shaft black coated

Code	Number	Contents	Pieces	Weight/g
0266500626000	266K	1 piece each: 262-125 Flat Chisel, octagonal 262-150 Flat Chisel, octagonal 263-125 Cross-Cut Chisel, octagonal 264-120 x 10 x 4 mm, Drift Punch 264-120 x 12 x 4 mm, Drift Punch 265-120 x 10 mm, Centre Punch	1	890
0266500627000	266KS	1 piece each: 262-125 Flat Chisel, octagonal 262-150 Flat Chisel, octagonal 263-125 Cross-Cut Chisel, octagonal 264-120 x 10 x 4 mm, Drift Punch 264-120 x 12 x 4 mm, Drift Punch 265-120 x 10 mm, Centre Punch	1	580
0266500606000	266S	1 piece each: 262-125 Flat Chisel, octagonal 262-150 Flat Chisel, octagonal 263-125 Cross-Cut Chisel, octagonal 264-120 x 10 x 4 mm, Drift Punch 264-120 x 12 x 4 mm, Drift Punch 265-120 x 10 mm, Centre Punch	1	650

271K / 271KS / 271S

PARALLEL PIN PUNCH SET

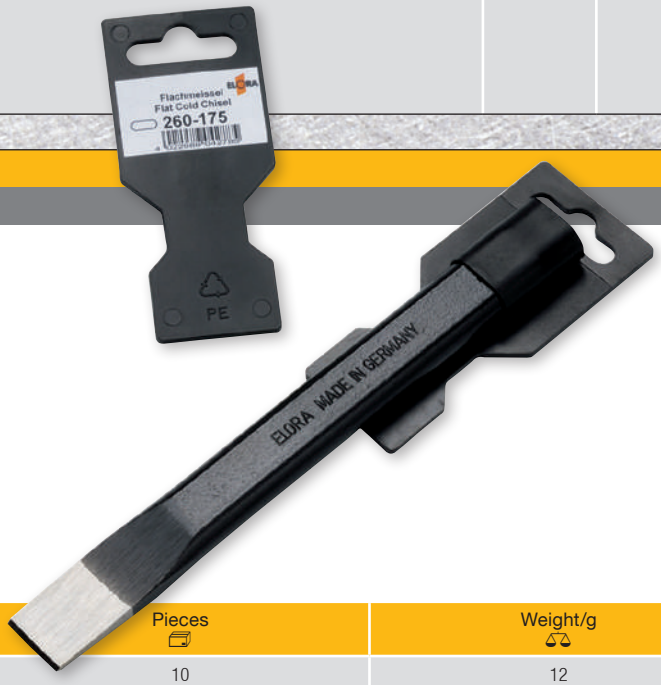
- 6 pcs.
- ELORA-No. 271K in metal box
- ELORA-No. 271KS in plastic holder
- ELORA-No. 271S in wooden holder
- completely inductive hardened and tempered
- striking heads inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242
- according to DIN 6450

Code	Number	Contents	Pieces	Weight/g
0271500616000	271K	1 piece each Parallel Pin Punch: 271-150 x 2 mm 271-150 x 3 mm 271-150 x 4 mm 271-150 x 5 mm 271-150 x 6 mm 271-150 x 8 mm	1	815
0271500617000	271KS	1 piece each Parallel Pin Punch: 271-150 x 2 mm 271-150 x 3 mm 271-150 x 4 mm 271-150 x 5 mm 271-150 x 6 mm 271-150 x 8 mm	1	540
0271500606000	271S	j1 piece each Parallel Pin Punch: 271-150 x 2 mm 271-150 x 3 mm 271-150 x 4 mm 271-150 x 5 mm 271-150 x 6 mm 271-150 x 8 mm	1	580

267-H...

PLASTIC HOLDER FOR IMPACT TOOLS

- for flat oval, octagonal chisels, center punches, drift and pin punches



Code	Number	Shaft size mm	Pieces	Weight/g
0267000017000	267-1H	10, octagonal	10	12
0267000027000	267-2H	12, octagonal	10	12
0267000037000	267-3H	16, octagonal	10	12
0267000047000	267-4H	18, octagonal	10	12
0267000057000	267-5H	20, octagonal	10	12
0267000067000	267-6H	14x9, flat oval	10	12
0267000077000	267-7H	17x11, flat oval	10	12
0267000087000	267-8H	20x12, flat oval	10	12
0267000097000	267-9H	23x13, flat oval	10	12
0267000107000	267-10H	26x13, flat oval	10	12
0267000117000	267-11H	26x7, flat oval	10	12

285-...

WAD PUNCH

- for punching of carton, leather, rubber, sealing material and other soft material
- forged, cutting edge hardened and ground
- shaft red coated
- lightly conical inside for easy removal of the cuttings
- high grade steel
- according to DIN 7200, Form A

Code	Number	Ø	l/mm	Pieces	Weight/g
0285000026000	285-2	2	105	12	40
0285000036000	285-3	3	105	12	40
0285000046000	285-4	4	105	12	40
0285000056000	285-5	5	110	12	55
0285000066000	285-6	6	110	12	60
0285000076000	285-7	7	120	12	80
0285000086000	285-8	8	120	12	85
0285000096000	285-9	9	120	12	90
0285000106000	285-10	10	130	12	120
0285000116000	285-11	11	130	12	120
0285000126000	285-12	12	130	12	120
0285000136000	285-13	13	140	6	155
0285000146000	285-14	14	140	6	155
0285000156000	285-15	15	140	6	160
0285000166000	285-16	16	140	6	170
0285000176000	285-17	17	145	6	205
0285000186000	285-18	18	145	6	210
0285000196000	285-19	19	145	6	210
0285000206000	285-20	20	160	6	290
0285000216000	285-21	21	160	6	290
0285000226000	285-22	22	160	6	300
0285000236000	285-23	23	165	3	325
0285000246000	285-24	24	165	3	340
0285000256000	285-25	25	170	3	355
0285000266000	285-26	26	170	3	360
0285000276000	285-27	27	175	3	450
0285000286000	285-28	28	175	3	460
0285000296000	285-29	29	175	3	460
0285000306000	285-30	30	190	3	560
0285000316000	285-31	31	190	3	560
0285000326000	285-32	32	190	3	560
0285000336000	285-33	33	195	1	640
0285000346000	285-34	34	195	1	650
0285000356000	285-35	35	195	1	660
0285000366000	285-36	36	195	1	660

Code	Number	Ø	l/mm	Pieces	Weight/g
0285000376000	285-37	37	205	1	750
0285000386000	285-38	38	205	1	780
0285000396000	285-39	39	210	1	800
0285000406000	285-40	40	210	1	810
0285000416000	285-41	41	210	1	820
0285000426000	285-42	42	220	1	980
0285000436000	285-43	43	220	1	980
0285000446000	285-44	44	220	1	980
0285000456000	285-45	45	220	1	1000
0285000466000	285-46	46	220	1	1100
0285000476000	285-47	47	230	1	1160
0285000486000	285-48	48	230	1	1180
0285000496000	285-49	49	230	1	1190
0285000506000	285-50	50	230	1	1200
0285000516000	285-51	51	230	1	1200
0285000526000	285-52	52	245	1	1850
0285000536000	285-53	53	245	1	1850
0285000546000	285-54	54	245	1	1850
0285000556000	285-55	55	245	1	1850
0285000566000	285-56	56	260	1	1850
0285000576000	285-57	57	260	1	1850
0285000586000	285-58	58	260	1	1850
0285000596000	285-59	59	260	1	1850
0285000606000	285-60	60	260	1	1850
0285000616000	285-61	61	260	1	1850
0285000626000	285-62	62	260	1	1850
0285000636000	285-63	63	260	1	1850
0285000646000	285-64	64	260	1	1850
0285000656000	285-65	65	260	1	3650
0285000666000	285-66	66	300	1	3650
0285000676000	285-67	67	300	1	3650
0285000686000	285-68	68	300	1	3650
0285000696000	285-69	69	300	1	3650
0285000706000	285-70	70	300	1	3650

285 S8/285 S10

WAD PUNCH SET

- 8 and 10 pcs.
- in black plastic wallet
- for punching of carton, leather, rubber, sealing material and other soft material
- forged, cutting edge hardened and ground
- shaft red coated
- lightly conical inside for easy removal of the cuttings
- high grade steel
- according to DIN 7200, Form A

Code	Number	Contents	Pieces	Weight/g
0285500806000	285 S8	285- 3, 6, 8, 10, 12, 16, 20, 25 mm	1	1475
0285501006000	285 S10	285- 3, 5, 7, 8, 10, 13, 16, 19, 22, 25 mm	1	1775

286-...

BELT PUNCH

- for punching of carton, leather, rubber, sealing material and other soft material
- forged, cutting edge hardened and ground
- shaft red coated
- high grade steel
- according to DIN 7200, Form B

Code	Number	Ø	l/mm	Pieces	Weight/g
0286000016000	286-1	1	105	12	20
0286000026000	286-2	2	105	12	20
0286000036000	286-3	3	105	12	25
0286000046000	286-4	4	110	12	35
0286000056000	286-5	5	115	12	40
0286000066000	286-6	6	115	12	45
0286000076000	286-7	7	120	12	60
0286000086000	286-8	8	120	12	75
0286000096000	286-9	9	125	12	100
0286000106000	286-10	10	125	12	115
0286000116000	286-11	11	125	12	150
0286000126000	286-12	12	130	12	180
0286000136000	286-13	13	130	6	185

Code	Number	Ø	l/mm	Pieces	Weight/g
0286000146000	286-14	14	135	6	195
0286000156000	286-15	15	135	6	200
0286000166000	286-16	16	140	6	260
0286000176000	286-17	17	140	6	270
0286000186000	286-18	18	150	6	320
0286000196000	286-19	19	150	6	365
0286000206000	286-20	20	155	6	410
0286000216000	286-21	21	155	6	440
0286000226000	286-22	22	155	6	490
0286000236000	286-23	23	155	3	490
0286000246000	286-24	24	160	3	550
0286000256000	286-25	25	160	3	550

400Z-...

NUMBER PUNCH SET

- 9 pcs.
- for driving numbers by impact into steel
- 9 numbers from 0-9
- in stable plastic box
- completely hardened and tempered
- striking heads inductive tempered
- made of hard and tough steel
- according to DIN 1451

Code	Number	Size of letters mm	Shaft size mm	Pieces	Weight/g
0400000020000	400Z-2	2	6×65	1	165
0400000030000	400Z-3	3	6×65	1	170
0400000040000	400Z-4	4	7×65	1	230
0400000050000	400Z-5	5	8×65	1	295
0400000060000	400Z-6	6	9×70	1	400
0400000070000	400Z-7	7	10×75	1	530
0400000080000	400Z-8	8	11×75	1	635
0400000100000	400Z-10	10	12×80	1	820
0400000120000	400Z-12	12	14×80	1	1110
0400000150000	400Z-15	15	16×90	1	1610
0400000200000	400Z-20	20	18×100	1	2205

400B-...

LETTER PUNCH SET

- 27 pcs.
- for driving letters by impact into steel
- 27 capital letters, from A to Z and "&"
- in stable plastic box
- completely hardened and tempered
- striking heads inductive tempered
- made of hard and tough steel
- according to DIN 1451

Code	Number	Size of letters mm	Shaft size mm	Pieces	Weight/g
0400010020000	400B-2	2	6×65	1	490
0400010030000	400B-3	3	6×65	1	495
0400010040000	400B-4	4	7×65	1	670
0400010050000	400B-5	5	8×65	1	865
0400010060000	400B-6	6	9×70	1	1180
0400010070000	400B-7	7	10×75	1	1560
0400010080000	400B-8	8	11×75	1	1895
0400010100000	400B-10	10	12×80	1	2440
0400010120000	400B-12	12	14×80	1	4500
0400010150000	400B-15	15	16×90	1	4700
0400010200000	400B-20	20	18×100	1	6590

745

ROUND AWL

- chrome-plated blade
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- special steel

Code	Number	l/mm	Pieces	Weight/g
0745000001000	745	100 x Ø 6	6	75

746

SQUARE AWL

- chrome plated 4 square blade
- nonslip QUATROLIT®-2C-handle
- with suspension hole
- special steel

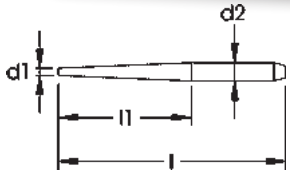
Code	Number	l/mm	Pieces	Weight/g
0746000001000	746	100 x Ø 6	6	75

You will find revolving punch pliers on page no. 336

259-...

MOUNTING DRIFT PUNCH

- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242



Code	Number	l/mm	l1 mm	d1 Ø mm	d2 Ø mm	Pieces	Weight/g
0259000506000	259-5	180	110	5	12	10	110
0259000606000	259-6	200	120	6	13	10	150
0259000806000	259-8	200	130	8	16	5	220
0259000906000	259-9	200	130	9	20	5	340
0259001006000	259-10	230	140	10	22	5	460
0259001106000	259-11	250	155	11	24	3	620
0259001206000	259-12	280	170	12	27	3	870
0259001406000	259-14	315	190	14	30	3	1260
0259001506000	259-15	340	200	15	32	3	1570
0259001606000	259-16	380	220	16	36	3	2230

231-...

MOUNTING CHECK PLUG

- for positioning of drill bores
- shaft tolerance h9
- ELORA-Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Pieces	Weight/g
0231001306000	231-13	120	5	90
0231001506000	231-15	150	5	165
0231001706000	231-17	170	5	240
0231001906000	231-19	170	5	300
0231002106000	231-21	190	5	410
0231002306000	231-23	190	5	485
0231002506000	231-25	200	5	585
0231002806000	231-28	210	5	805
0231003106000	231-31	230	5	1050

359

MOUNTING PUNCH

- completely hardened and tempered
- striking head inductive tempered
- working edge sharpened and oiled
- shaft black coated
- ELORA-Chrome-Molybdenum-Vanadium 45CrMoV7 / 1.2328

Code	Number	l/mm	Pieces	Weight/g
0359000000000	359	500	3	105

164
PRY BAR

- especially appropriate for difficult to reach areas
- forged pattern
- throughout hardened and tempered to 42–46 HRC
- chrome-plated
- ELORA-Chrome Vanadium 31CrV3 / 1.2208

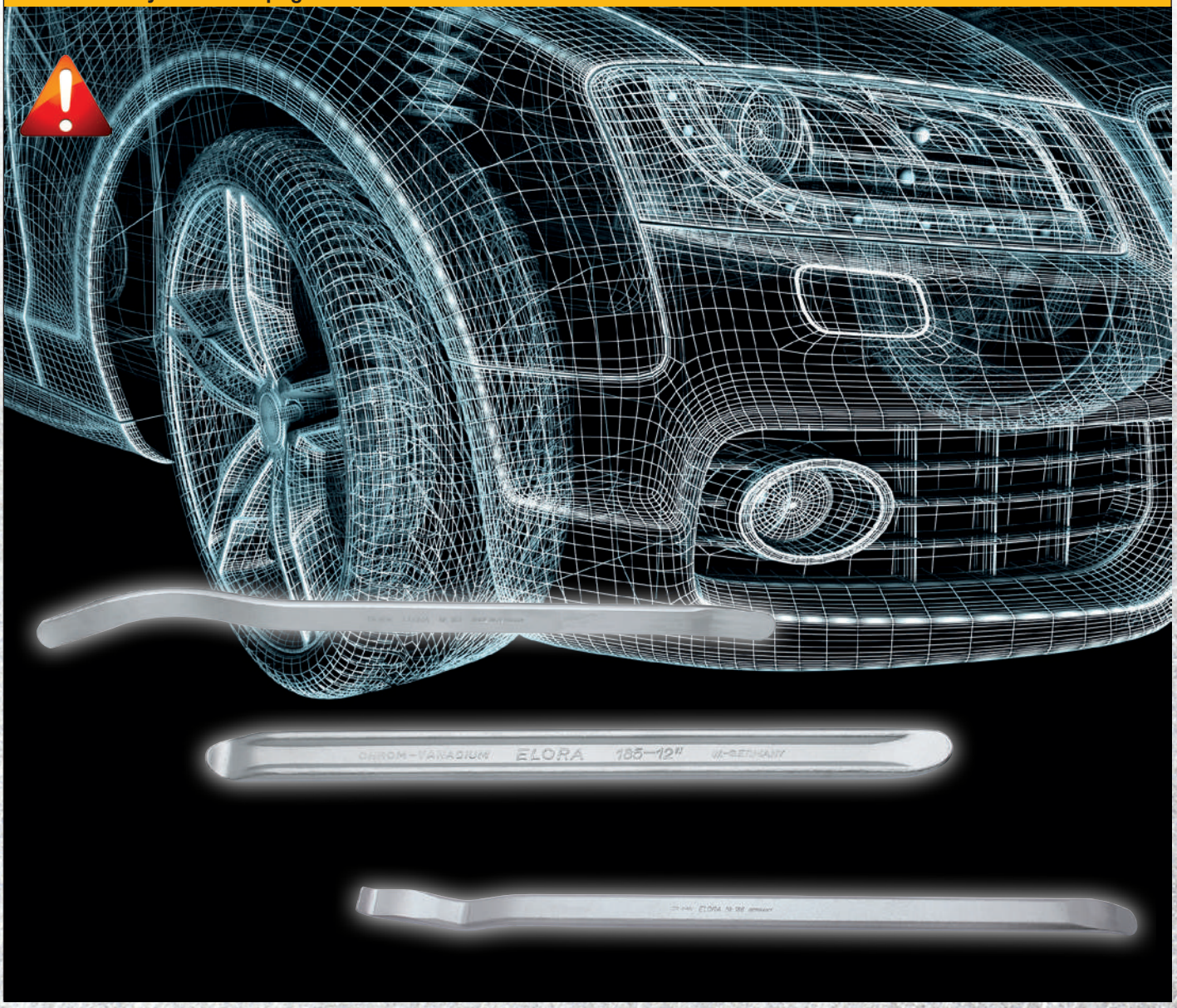
Code	Number	l/mm	Pieces	Weight/g
0164000000000	164	400	6	475

166
MOUNTING BAR

- for dismantling parts lying on top of each other, for centration of drill bores
- chrome plated 4 square shaft
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0166000000000	166	400	6	500

You will find tyre lever on page no. 440



1675/2-...

NAIL LIFTER, HEXAGONAL

- heavy duty pattern
- hardened and tempered
- high grade tool steel
  C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
1675004001002	1675/2-400	400	1	1040
1675005001002	1675/2-500	500	1	1260
1675006001002	1675/2-600	600	1	1480
1675008001002	1675/2-800	800	1	1920
1675010001002	1675/2-1000	1000	1	2350

1676/1-...

WRECKING BAR

- with straight edge and point
- working end hardened
- high grade tool steel
  C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
1676010001001	1676/1-1000	1000	1	5000
1676012501001	1676/1-1250	1250	1	6500
1676015001001	1676/1-1500	1500	1	8000
1676017501001	1676/1-1750	1750	1	9500
1676020001001	1676/1-2000	2000	1	10500

1676/2-...

WRECKING BAR

- with angled edge and straight point
- working end hardened
- high grade tool steel
  C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
1676010001002	1676/2-1000	1000	1	5000
1676012501002	1676/2-1250	1250	1	6500
1676015001002	1676/2-1500	1500	1	8000
1676017501002	1676/2-1750	1750	1	9500
1676020001002	1676/2-2000	2000	1	10500

1676/3-...

WRECKING BAR

- with point and claw
- working end hardened
- high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
1676010001003	1676/3-1000	1000	1	5000
1676012501003	1676/3-1250	1250	1	6500
1676015001003	1676/3-1500	1500	1	8000
1676017501003	1676/3-1750	1750	1	9500
1676020001003	1676/3-2000	2000	1	10500

1676/4-...

WRECKING BAR

- heavy duty pattern
- with ball head and edge
- working end hardened
- high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
1676010001004	1676/4-1000	1000	1	5000
1676012501004	1676/4-1250	1250	1	6500
1676015001004	1676/4-1500	1500	1	8000

1676/6-...

WRECKING BAR

- heavy duty pattern
- with curved edge and straight point
- working end hardened
- high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
1676015001006	1676/6-1500	1500	1	10000
1676017501006	1676/6-1750	1750	1	12000
1676020001006	1676/6-2000	2000	1	14000

1495-...

PARALLEL BENCH VICE

- to front opening, wide, hardened anvil surface
- extra large spanning depth
- strong spindle with trapezoid thread
- readjustable guide
- milled spanning jaws
- black coated
- drop forged and hardened
- high grade tool steel C45 / 1.0503

Code	Number	Width of jaws mm	Opening mm	Anvil mm	Pieces	Weight/g
1495001154000	1495-115	115	140	45x63	1	7800
1495001354000	1495-135	135	170	57x75	1	14000
1495001504000	1495-150	150	190	65x80	1	18500

1495D-...

SWIVEL BASE FOR BENCH VICE

- for use with ELORA-No. 1495
- stepless rotating area 360°
- black coated

Code	Number	for bench vice ELORA-No.	Bolt Circle mm	Pieces	Weight/g
1495011154000	1495D-115	1495-115	165	1	580
1495011354000	1495D-135	1495-135	195	1	1080
1495011504000	1495D-150	1495-150	225	1	1400

1495L-135

GAS PRESSURE ELEVATOR FOR BENCH VICE

- for use with ELORA-No. 1495-135
- Gas pressure supported height adjustment for comfortable lifting or sinking of bench vice and work piece
- height range up to 240 mm, rotating area 360°
- black coated

Code	Number	Pieces	Weight/g	
1495021354000	1495L-135	1	9150	

1500-...

PARALLEL BENCH VICE

- big ground anvil
- groove for removal of chips
- readjustable guide
- hardened and ground spanning jaws
- with tube spanning jaws

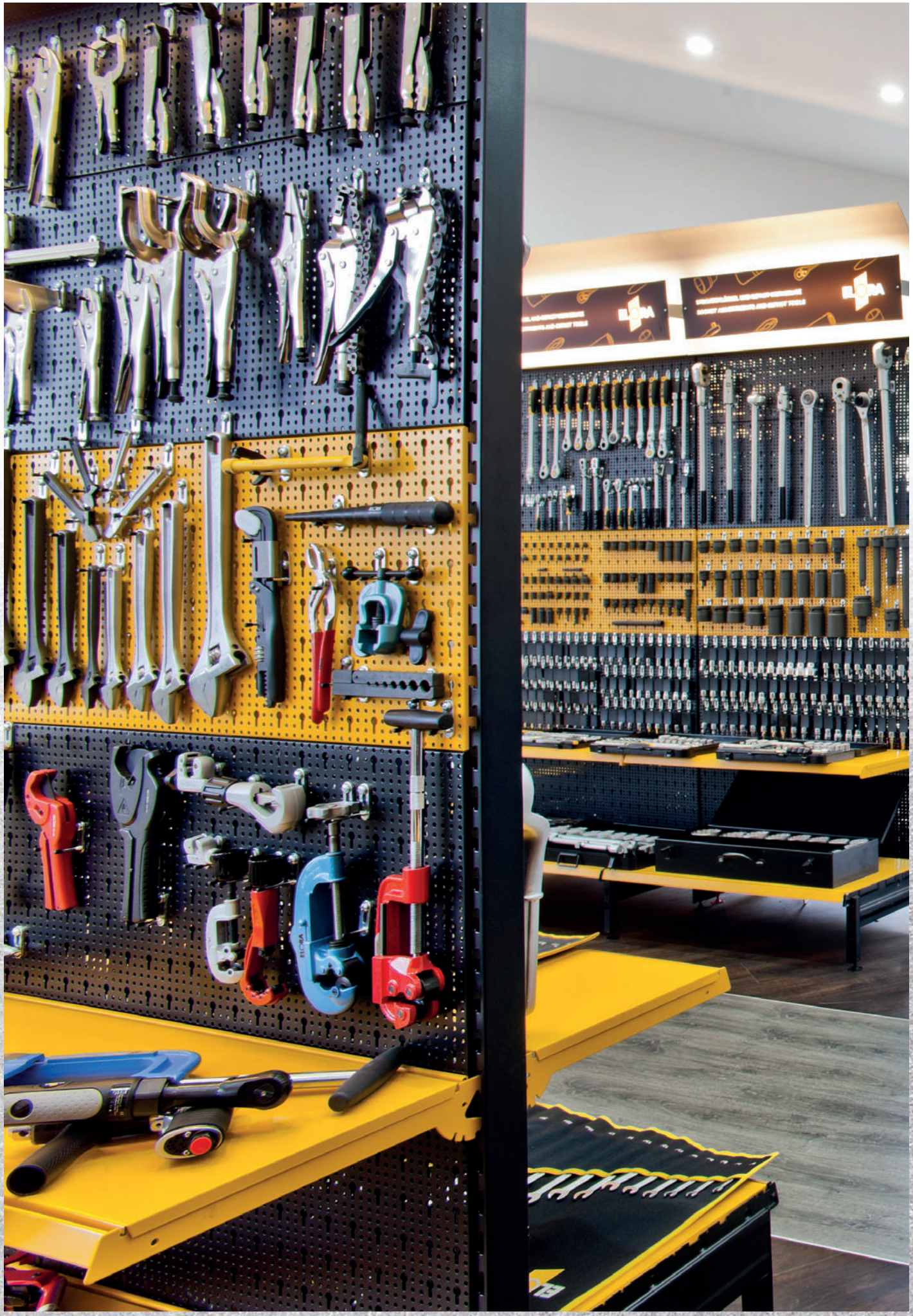
Code	Number	Width of jaws mm	Opening mm	Anvil mm	Pieces	Weight/g
1500000014000	1500-1	75	45	70x45	1	2700
1500000024000	1500-2	100	53	88x59	1	5400
1500000034000	1500-3	125	72	116x80	1	10500
1500000044000	1500-4	150	90	132x90	1	15000
1500000054000	1500-5	175	90	132x90	1	15500

1500A-... / 1500K-...

JAW CAPS FOR BENCH VICES

- fitting to all ELORA Parallel Bench Vices
- with prism
- magnetic strip for safe hold at the jaw
- ELORA-No. 1500A: aluminium-alloy
- ELORA-No. 1500K: plastic

Code	Number	l/mm	Pieces	Weight/g
1500011004000	1500A-100	100	6	72
1500011254000	1500A-125	125	6	90
1500011504000	1500A-150	150	6	110
1500021004000	1500K-100	100	6	34
1500021254000	1500K-125	125	6	40
1500021504000	1500K-150	150	6	48



Reifenluftdruck
bar
psi
ewo

10

PNEUMATIC TOOLS

PNEUMATIC TOOLS Page 388
PNEUMATIC ACCESSORIES Page 395

5003, 5004

PNEUMATIC IMPACT WRENCH MINI, 450 NM

10 | 12,5
3/8" | 1/2"

- extremely handy impact wrench with only 160 mm length
- for work at difficult accessible areas
- maximum performance at minimum weight
- with vibration-damped composite housing
- non-slip cold insulated handle
- exhaust air guided through handle
- always full capacity when loosening
- clockwise 3-step torque regulation when tightening
- clockwise/counter clockwise performance regulation protected in rear motor plate
- with high-performance twin-hammer mechanism
- air inlet thread 1/4‘‘
- Operating pressure 6,3 bar
- max. torque 450 Nm
- max. sound level 95 dB (A) Lp A
- average air consumption 100 l/min
- recommended hose inner- Ø 8 mm
- vibration acceleration 3,6 m/s²
- including brass nipple

5003

5004

Code	Number	■	l/mm	Pieces	Weight/g
5003000000000	5003	1/2“	160	1	1200
5004000000000	5004	3/8“	160	1	1200

5000

PNEUMATIC IMPACT WRENCH 1/2“, 1350 NM

12,5
1/2"

- extremely powerful and ultra light
- max. torque 1350 Nm at just 2 kg weight
- with vibration-damped composite housing
- non-slip cold insulated handle
- exhaust air guided through handle
- always full capacity when loosening
- clockwise- 3-step torque regulation when tightening
- clockwise/counter clockwise performance regulation protected in rear motor plate
- with high-performance twin-hammer mechanism
- air inlet thread 1/4‘‘
- operating pressure 6,3 bar
- max. torque 1350 Nm
- max. sound level 95 dB (A) Lp A
- average air consumption 170 l/min
- recommended hose inner- Ø 8 mm
- vibration acceleration 3,4 m/s²
- including brass nipple

Code	Number	■	l/mm	Pieces	Weight/g
5000000000000	5000	1/2“	200	1	2000

5001

PNEUMATIC IMPACT WRENCH 3/4“, 1900 NM

- extremely powerful and ultra light
- max. torque 1900 Nm at just 3,4 kg weight
- with vibration-damped composite housing
- non-slip cold insulated handle
- exhaust air guided through handle
- always full capacity when loosening
- clockwise- 3-step torque regulation when tightening
- clockwise/counter clockwise performance regulation protected in rear motor plate
- with high-performance twin-hammer mechanism
- air inlet thread 3/8“
- operating pressure 6,3 bar
- max. torque 1900 Nm
- max. sound level 95 dB (A) Lp A
- average air consumption 280 l/min
- recommended hose inner- Ø 13 mm
- vibration acceleration 3,5 m/s²
- including brass nipple

20

3/4"

Code	Number	■	l/mm	Pieces	Weight/g
5001000000000	5001	3/4“	240	1	3400

5002

PNEUMATIC IMPACT WRENCH 1“ WITH LONG SPINDLE, 2450 NM

- extremely powerful with optimal working weight
- max. torque 2450 Nm at just 7,2 kg weight
- with vibration-damped composite housing
- non-slip cold insulated handle
- swivel air inlet thread and exhaust air guided through handle
- always full capacity when loosening
- clockwise- 3-step torque regulation when tightening
- clockwise/counter clockwise performance regulation protected in rear motor plate
- with super high-performance twin-hammer mechanism
- air inlet thread 1/2“
- operating pressure 6,3 bar
- max. torque 2450 Nm
- max. sound level 95 dB (A) Lp A
- average air consumption 370 l/min
- recommended hose inner- Ø 13 mm
- vibration acceleration 5,7 m/s²
- including brass nipple

25

1"

Code	Number	■	l/mm	Pieces	Weight/g	Gewicht/g
5002000000000	5002	1“	185	500	1	7200

5011

PNEUMATIC RATCHET WRENCH 1/4“ MINI, 35 NM

- for effortless working at difficult accesible areas
- very light composite housing
- handy design
- clockwise/counter-clockwise convertible at ratchet head
- steplessly adjustable
- non-slip cold insulated handle
- exhaust air guided through handle
- little vibration only
- air inlet thread 1/4“
- operating pressure 6,3 bar
- max. torque 35 Nm
- free-running speed 220 rpm
- max. sound level 72 dB (A) Lp A
- average air consumption 100 l/min
- recommended hose inner- Ø 8 mm
- including brass nipple

6,3

1/4"

Code	Number	■	l/mm	Pieces	Weight/g
5011000000000	5011	1/4“	175	1	500

5010, 5012

PNEUMATIC RATCHET WRENCH 90 NM

- extremely handy ratchet wrench with only 160 mm length
- for effortless working at difficult accessible areas
- maximum performance at minimum weight
- very light composite housing
- handy design
- clockwise/counter-clockwise convertible at ratchet head
- steplessly adjustable
- exhaust air guided through handle
- non-slip cold insulated handle
- little vibration only
- air inlet thread 1/4“
- operating pressure 6,3 bar
- max. torque 90 Nm
- free-running speed 170 rpm
- average air consumption 170 l/min
- max. sound level 93 dB (A) Lp A
- recommended hose inner- Ø 8 mm
- including brass nipple

10

12,5

3/8"

1/2"

5010

5012

Code	Number	■	l/mm	Pieces	Weight/g
5010000000000	5010	1/2“	255	1	1100
5012000000000	5012	3/8“	255	1	1100

5005, 5006

PNEUMATIC DRILL, REVERSIBLE

- robust housing
- handy design
- direction of rotation reversible
- steplessly adjustable
- ELORA-No. 5005: drill chuck, clamping capacity up to Ø 13 mm
- ELORA-No. 5006: keyless drill-chuck, clamping capacity up to Ø 10 mm
- Non-slip cold insulated handle
- exhaust air guided through handle
- little vibration
- air inlet thread 1/4‘‘
- operating pressure 6,3 bar
- ELORA-No. 5005:
  max. free-running speed 750 rpm
- ELORA-No. 5006:
  max. free running speed 1800 rpm
- max. sound level 87 dB (A) Lp A
- average air consumption 240 l/min
- recommended hose inner- Ø 8 mm
- including brass nipple

5005

5006

Code	Number	l/mm	Pieces	Weight/g
5005000000000	5005	205	1	1700
5006000000000	5006	205	1	1300

5014

GRINDER STRAIGHT Ø 6 MM

- for grinding, polishing and deburring
- robust and light housing
- ergonomical designed for easy one-handed operation
- low vibration
- Speed infinitely adjustable with safety trigger
- non-slip, cold- insulated handle
- Collet Ø 6 mm
- Air-inlet thread 1/4‘‘
- Operating pressure 6,3 bar
- max. free-running speed 25000 rpm.
- max. sound level 86 dB(A) Lp A
- Average air consumption 270 l/min.
- recommended hose inner- Ø 8 mm
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5014000000000	5014	145	1	400

5015

ANGLE GRINDER Ø 6 MM

- for grinding, polishing and deburring
- robust and light housing
- ergonomically designed for easy one-handed operation
- low vibration
- Speed infinitely adjustable with safety trigger
- Non-slip cold- insulated handle
- Collet Ø 6 mm
- Air-inlet thread 1/4‘‘
- Operating pressure 6,3 bar
- max. free-running speed 22000 rpm.
- max. sound level 72 dB(A) Lp A
- Average air consumption 270 l/min.
- recommended hose inner- Ø 8 mm
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5015000000000	5015	145	1	500

5016

ANGLE GRINDER Ø 125 MM

- robust housing
- lateral grip for left and right use
- Speed infinitely adjustable with safety trigger
- with spindle lock for disc change
- for grinding discs with Ø 125 mm and 0,8 - 6 mm thickness (M10 x 1,5)
- Air-inlet thread 1/4‘‘
- Operating pressure 6,3 bar
- max. free-running speed 11000 rpm.
- max. sound level 86 dB(A) Lp A
- Average air consumption 490 l/min.
- recommended hose inner- Ø 8 mm
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5016000000000	5016	230	1	1700

5017

ANGLE GRINDER Ø 180 MM

- robust housing
- lateral grip for left and right use
- Speed infinitely adjustable with safety trigger
- with spindle lock for disc change
- for grinding discs with Ø 180 mm and 0,8 - 6 mm thickness (M14 x 2)
- Air-inlet thread 3/8“
- Operating pressure 6,3 bar
- max. free-running speed 7000 rpm
- max. sound level 86 dB(A) Lp A
- Average air consumption 500 l/min.
- recommended hose inner- Ø 13 mm
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5017000000000	5017	300	1	3400

5019

NEEDLE SCALER

- for efficient removal of rust or many other coatings
- only suitable for solid metal parts, no steel sheets
- 2-piece housing for easy maintenance
- non-slip cold insulated handle
- 19 (3 mm) needles
- Air-inlet thread 1/4“
- Operating pressure 6,3 bar
- Number of strokes 3700/min.
- max. sound level 108 dB(A) Lp A
- Average air consumption 120 l/min.
- recommended hose inner- Ø 8 mm
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5019000000000	5019	335	1	2700

5018

SABRE SAW SET

- for metal and body work
- Suitable for small radii
- robust housing and safety lever
- with non-slip cold-insulated handle
- exhaust air guided through handle
- adjustable bow-wing skid
- with 5 sawblades, mini-oiler and swivel connection to prevent kinking of the hose
- Air-inlet thread 1/4“
- Operating pressure 6,3 bar
- Stroke length 10 mm
- Cutting capacity 1,5 mm
- Number of strokes 9500/min.
- max. sound level 83 dB(A) Lp A
- Average air consumption 170 l/min.
- recommended hose inner- Ø 8 mm
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5018000000000	5018	300	1	700

5020
TIRE INFLATOR, GAUGED

- gauged, with large manometer
- one-hand-use ensures fast correction of tire pressure
- air inlet thread 1/4‘‘
- measuring range 0 - 10 bar, resp. 0-170 PSI
- manometer Ø 75 mm
- including brass nipple

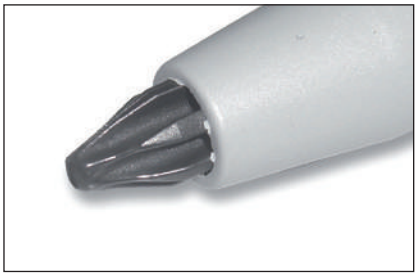
Code	Number	Filler Hose mm	Pieces	Weight/g
5020000000000	5020	500	1	840

5021
TIRE INFLATOR, DIGITAL, GAUGED

- gauged, with large manometer
- optimum for tire pressure sensors which require highest precision
- professional tire inflator for the control of tire pressure (inflating and deflating)
- fully electronic with system bound software for highest precision (via RC-Regulation 86/217)
- large LCD-Display
- robust, light plastic housing, shock resistant, oil- and petrol resistant
- single-stage valve lever for fast flating and deflating
- indestructive ceramic sensor for longest lifetime and precision
- CE conformity, overpressure warning (>12 bar) and battery power warning
- including battery (3V Lithium, CR2450)
- air inlet thread 1/4‘‘
- scale graduation 0,01 bar
- measuring range 0-12 bar
- inlet pressure max. 14 bar
- On request also available with PSI unit
- including brass nipple

Code	Number	Filler Hose mm	Pieces	Weight/g
5021000000000	5021	600	1	350

5008, 5009
AIR BLOW GUN



- extremely light and resistant composite housing
- scratchproofed on all sensitive areas
- ideally insulated against cold compressed air
- soundproofed by rubber coated soft-nozzle
- efficient also at low pressure, double power compared with standard nozzles
- non-slip rubber covered lever
- large eyelet for simple storage and availibility
- long lifetime due to stainless steel valve springs
- air inlet thread 1/4‘‘
- including brass nipple

Code	Number	Airflow l/min	Acoustic level db(A) Lp A	l/mm	Pieces	Weight/g
5008000000000	5008	329	75,1	65	1	125
5009000000000	5009	352	73,4	156	1	150

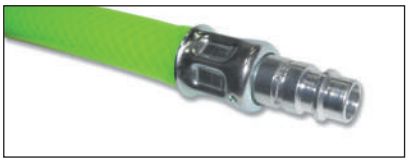
5007
POCKET BLOW PEN

- with clip
- air flow infinately adjustable
- air nozzle 3 mm
- clicks directly on air coupling
- air inlet thread 1/4‘‘
- max. inlet pressure: 12 bar
- max. airflow at 6 bar: 300 l/min
- including brass nipple

Code	Number	l/mm	Pieces	Weight/g
5007000000000	5007	110	1	21

5024-...
COMPRESSED AIR SIGNAL HOSE

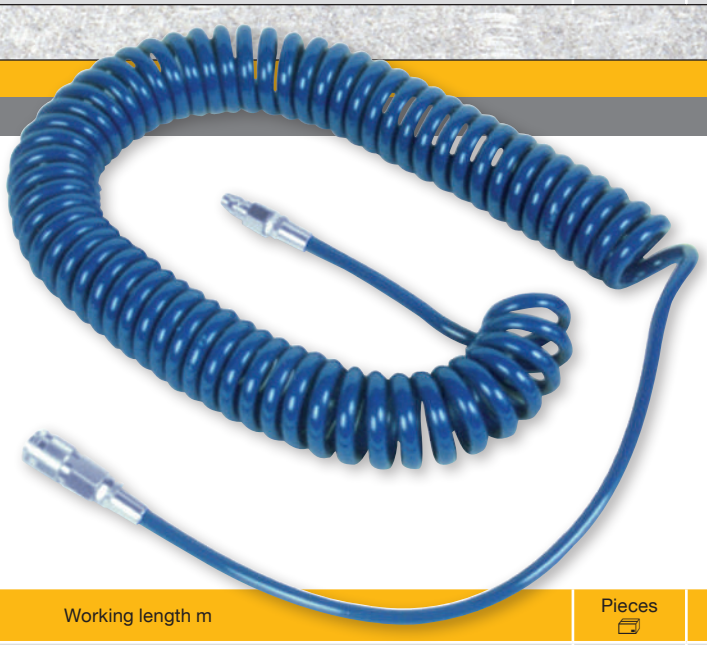
- highly flexible hose in signal-yellow colour
- signal-colour helps to avoid stumble accidents
- ELORA No. 5024-10 pressed with safety coupling ELORA-No. 5025-9 and steel nipple ELORA-No. 5027-9
- temperature resistant from -40°C up to 65°C
- abrasion-proof and highly flexible
- working pressure max. 20 bar (bursting limit at 68 bar)
- Inner- Ø 8 mm, Outer-Ø 10 mm



Code	Number	Working length m	Pieces	Weight/g
5024000100000	5024-10	10	1	1580
5024000500000	5024-50	50	1	7340

5022-...
SPIRAL HOSE, POLYURETHAN

- Polyurethan
- Indestructible quality
- with coupling and nipple
- Inner- Ø 8 mm, Outer-Ø 10 mm
- working pressure max. 15 bar (bursting limit at 55 bar)



Code	Number	Working length m	Pieces	Weight/g
5022000400000	5022-4	4	1	460
5022000800000	5022-8	8	1	740

5025-..., 5026-...

SAFETY COUPLING WITH PUSH-BUTTON

- high-quality, robust and durable quick release coupling in safety execution
- one-hand operation
- unlocking by 2 times pressing the push-button
- first push for ventilation oft he coupling, but it remains locked
- second push for releasing the coupling, thus preventing the ,‘‘whiplash effect‘‘
- safety version corresponding to ISO 4414/EN 983
- housing made of aluminium, head and valve of hardened steel, zinc plated
- inner parts made of stainless steel, thread made of brass, nickel plated
- max. pressure 12 bar
- air flow 1800 l/min

Code	Number	Connection	l/mm	Pieces	Weight/g
5025000090000	5025-9	Ø 9 mm hose connection	900	1	140
5025000130000	5025-13	Ø 13 mm hose connection	950	1	140
5026000140000	5026-I 1/4	1/4“ female screw thread	750	1	140
5026000380000	5026-I 3/8	3/8“ female screw thread	750	1	140
5026000120000	5026-I 1/2	1/2“ female screw thread	750	1	140
5026000380001	5026-A 3/8	3/8“ external screw thread	700	1	140
5026000120001	5026-A 1/2	1/2“ external screw thread	750	1	140

5027-..., 5028-...

PLUG NIPPLE, PLUG NOZZLE MADE OF STEEL

- hardened and zinc plated
- recommended for use with safety couplings
- less wear and tear with maximum service life when compared with ordinary brass-nipples/nozzles

Code	Number	Connection	l/mm	Pieces	Weight/g
5027000090000	5027-9	Ø 9 mm hose connection	480	1	40
5027000130000	5027-13	Ø 13 mm hose connection	480	1	40
5028000140000	5028-A 1/4	1/4“ external screw thread	300	1	20
5028000380000	5028-A 3/8	3/8“ external screw thread	350	1	20
5028000120000	5028-A 1/2	1/2“ external screw thread	400	1	20

5023-...

AIR/STRIKING-MECHANISM OIL

- for maintenance of air tools
- special oil for pneumatic devices
- excellent adherence, high pressure-receptive
- free from resin-, accid- and silicon
- ISO VG 32

Code	Number	Article Description	Contents ml	Pieces	Weight/g
5023000010000	5023-S	Striking-Mechanism Oil	1000	1	1000
5023000020000	5023-L	Air Oil	1000	1	1000

133 134 135 136 137 138 139
142 143 144
0,05
0,10
0,15
0,20
0,30
0,40
0,45
0,55
0,65
0,85
0,95
INOX
20 Blatt
0.05-1.00mm

11

MEASURING AND CHECKING TOOLS

CALIPERS AND MICROMETERS	Page 400
TAPE MEASURES, RULERS, SPIRIT LEVELS, STEEL AND DIAL INDICATORS	Page 405
ANGLE BARS	Page 409
GAUGES AND SCRIBER PRODUCTS	Page 412

1510
VERNIER CALIPER

- in case
- for inside, outside and depth measurement
- reading by vernier scale 0,05 mm respectively 1/128“
- jaw length 40 mm respectively 1.57 inch
- with locking screw
- matt chrome plated

Code	Number	Measuring range mm	Measuring range Inch	Pieces	Weight/g
1510000000000	1510	150	6	1	150

1511
POCKET VERNIER CALIPER

- in case
- for inside, outside and depth measurement
- reading by vernier scale 0,05 mm respectively 1/128“
- jaw length 40 mm respectively 1.57 inch
- with thumb lock
- matt chrome plated

Code	Number	Measuring range mm	Measuring range Inch	Pieces	Weight/g
1511001500000	1511	150	6	1	150

1512
PRECISION VERNIER CALIPER

- in case
- for inside, outside and depth measurement (4 way measurement)
- reading by vernier scale 0,05 mm respectively 1/128“
- jaw length 40 mm respectively 1.57 inch
- with thumb lock
- matt chrome plated reading parts
- thread table on the back
- stainless steel
- DIN 862

Code	Number	Measuring range mm	Measuring range Inch	Pieces	Weight/g
1512000000000	1512	150	6	1	150

1513
PRECISION VERNIER CALIPER

- in case
- for inside, outside and depth measurement (4 way measurement)
- reading by vernier scale 0,05 mm respectively 1/128“
- jaw length 40 mm respectively 1.57 inch
- with thumb lock
- matt chrome plated reading parts
- thread table on the back
- stainless steel
- DIN 862

Code	Number	Measuring range mm	Measuring range Inch	Pieces	Weight/g
1513000000000	1513	150	6	1	150

1520-...

WORKSHOP CALIPER

- in case
- for inside, outside measurement
- reading by vernier scale 0,05 mm respectively 1/128“
- with stepped jaws, knife points and locking screw
- matt chrome plated reading parts
- thread table on the back
- stainless steel
- DIN 862

Code	Number	Measuring range mm	Measuring range Inch	Jaws mm	Jaws Inch	Pieces	Weight/g
1520002002000	1520-200	200	8	80	3,2	1	400
1520002502000	1520-250	250	10	80	3,2	1	450
1520003002000	1520-300	300	12	90	3,5	1	600

1522-300

WORKSHOP CALIPER

- in case
- for inside, outside measurement
- reading by vernier scale 0,05 mm respectively 1/128“
- with stepped jaws, knife points, fine adjustment and locking screw
- matt chrome plated reading parts
- thread table on the back
- stainless steel
- DIN 862

Code	Number	Measuring range mm	Measuring range Inch	Jaws mm	Jaws Inch/Inch	Pieces	Weight/g
1522003001000	1522-300	300	12	100	4	1	650

1515-...

PRECISION DIAL CALIPER

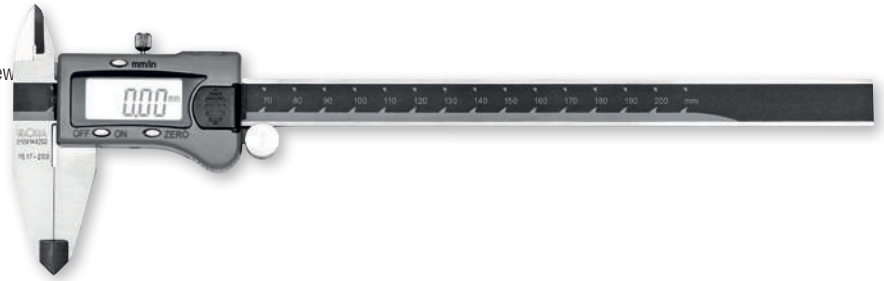
- in plastic case
- for inside, outside and depth measurement (4 way measurement)
- 1515-50: reading 0,02 mm
- 1515-100: reading 0,01 mm
- reading by vernier scale 0,05 mm respectively 1/128“
- fine adjustment scroll, locking screw
- stainless steel
- DIN 862

Code	Number	Measuring range mm	Measuring range Inch/Inch	Reading mm	Pointer Rotation mm	Pieces	Weight/g
1515000500000	1515-50	150	6	0,02 = 1/50	2	1	360
1515001000000	1515-100	150	6	0,01 = 1/100	1	1	360

1517-...

DIGITAL VERNIER CALIPER

- packed in a plastic bag
- reading 0,01 mm
- pattern with depth measurement and locking screw
- 10 mm LCD-Display
- Stainless steel
- DIN 862



Code	Number	Measuring range mm	Measuring range Inch	Jaws mm	Jaws Inch	Pieces	Weight/g
1517001500000	1517-150	150	6	40	1,6	1	360
1517002000000	1517-200	200	8	50	2,0	1	550
1517003000000	1517-300	300	12	60	2,4	1	750
1517040000000	1517-B	Spare Battery				1	

1519

BRASS POCKET CALIPER

- in case
- reading by vernier scale 0,1 mm respectively 1/16“
- 20 mm jaw length
- hard brass

Code	Number	Measuring range mm	Measuring range Inch	Pieces	Weight/g
1519000000000	1519	100	4	1	60

1523

PRECISON VERNIER CALIPER FOR BRAKE DISCS

- carton box packed
- 1/20 mm (reading of 0,05mm) and 1/128“ vernier scale
- pattern with trailing vernier and locking screw
- vernier matt chromed
- stainless steel

Code	Number	Measuring range mm	Measuring range Inch	Jaws mm	Jaws Inch	Pieces	Weight/g
1523000000000	1523	60	2,4	80	3,2	1	285

1524-...

PRECISION DEPTH VERNIER CALIPER

- for depth measurement
- reading by vernier scale 0,05 mm
- anti-glare with locking screw
- stainless steel
- DIN 862

Code	Number	Measuring range mm	Measuring range Inch	Base mm	Base Inch	Pieces	Weight/g
1524002001000	1524-200	200	8	100	4	1	135
1524003001000	1524-300	300	12	100	4	1	280

1530-...

PRECISION OUTSIDE MICROMETER

- in case
- reading 0,01 mm
- pitch 0,5 mm
- matt chrome plated reading parts
- with locking lever, friction coupling and adjustable scale sleeve
- setting standard from ELORA No. 1530-50 upwards
- carbide tipped measuring surfaces
- DIN 863

Code	Number	Measuring range mm	Pieces	Weight/g
1530000251000	1530-25	0-25	1	300
1530000501000	1530-50	25-50	1	480
1530000751000	1530-75	50-75	1	640
1530001001000	1530-100	75-100	1	820

1530S4

PRECISION OUTSIDE MICROMETRE SET

- in wooden case
- reading 0,01 mm
- pitch 0,5 mm
- matt chrome plated reading parts
- with locking lever, friction coupling and adjustable scale sleeve
- setting standard from ELORA No. 1530-50 upwards
- carbide tipped measuring surfaces
- DIN 863

Code	Number	Contents	Pieces	Weight/g
1530501001000	1530S4	Precision-Micrometer 1530-25 Measuring range 0-25 mm 1530-50 Measuring range 25-50 mm 1530-75 Measuring range 50-75 mm 1530-100 Measuring range 75-100 mm	1	2140

1532-...

PRECISION INTERNAL MICROMETER

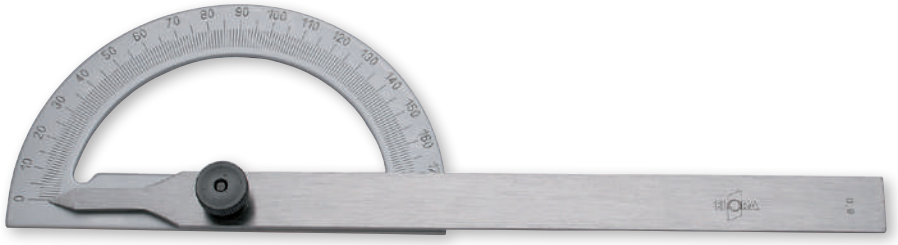
- in wooden case
- reading 0,01 mm
- including inspection gauges
- matt chrome plated reading parts
- friction coupling and locking screw

Code	Number	Measuring range mm	Pieces	Weight/g
1532000051000	1532-5	5-30	1	140
1532000251000	1532-25	25-50	1	150
1532000501000	1532-50	50-75	1	180

1535-...

PROTRACTOR

- for measurement of angular degrees 0 – 180°
- with locking screw
- special steel matt chrome plated



Code	Number	Ø of protractor mm	Ø of protractor Inch	Length of rail mm	Length of rail Inch	Pieces	Weight/g
1535000801000	1535-80	80	3,2	120	4,8	1	90
1535001201000	1535-120	120	4,8	150	6	1	120
1535001501000	1535-150	150	6	200	8	1	190
1535002001000	1535-200	200	8	300	12	1	330
1535002501000	1535-250	250	10	500	20	1	630
1535003001000	1535-300	300	12	600	24	1	700

1537-...

PROTRACTOR

- for measurement of angular degrees 10-170°
- pattern with moveable rail and locking screw
- matt chrome plated

Code	Number	Ø of protractor mm	Ø of protractor Inch	Length of rail mm	Length of rail Inch	Pieces	Weight/g
1537001001000	1537-100	100	4	150	6	1	130
1537001501000	1537-150	150	6	300	12	1	260
1537002001000	1537-200	200	8	400	16	1	430

1541-...

UNIVERSAL BEVEL WITH MAGNIFIER

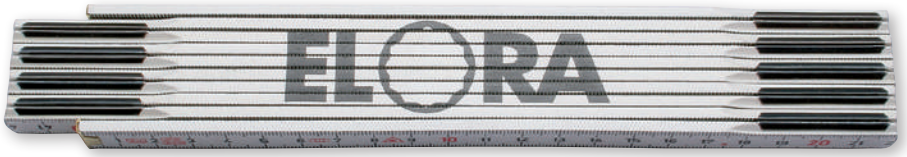
- in case
- 1/12° respectively 5“
- circle graduation 4 x 90°
- hardened rail
- with locking screw
- matt chrome plated reading parts
- stainless steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1541002001000	1541-200	200	8	1	285
1541003001000	1541-300	300	12	1	745

1544H

FOLDING RULE

- reading 1 mm
- according to accuracy class III of the EC regulation
- hinges made of epoxy lacquered steel
- with hidden rivet
- beech wood



Code	Number	Length m	Pieces	Weight/g
1544000028000	1544H	2	6	125

1542-...

MEASURING TAPE

- according to accuracy class I of the EC regulation
- mm graduation
- automatic tape rewind with return stop
- curved, kink resistant measuring tape
- with double scale and non-slip sliding end hook and belt clip
- housing made of high-tensile plastic, chrome-plated
- measuring tape made of steel

Code	Number	Length of tape	Width of tape mm	l/mm	Pieces	Weight/g
1542000030000	1542-3	3 m	13	60	1	95
1542000050000	1542-5	5 m	19	70	1	210
1542000080000	1542-8	8 m	25	90	1	435
1542000100000	1542-10	10 m	25	90	1	535

1543-...

MEASURING TAPE

- according to accuracy class II of the EC regulation
- mm graduation
- automatic tape rewind with return stop
- curved, kink resistant measuring tape
- with double scale and non-slip sliding end hook and belt clip
- housing made of high-tensile plastic, chrome-plated
- measuring tape made of steel

Code	Number	Length of tape	Width of tape mm	l/mm	Pieces	Weight/g
1543000030000	1543-3	3 m	13	60	1	90
1543000050000	1543-5	5 m	19	75	1	190

1543I-3

MEASURING TAPE

- according to accuracy class II of the EC regulation
- mm graduation
- automatic tape rewind with return stop
- curved, kink resistant measuring tape
- with double scale and non-slip sliding end hook
- housing made of high-tensile black plastic
- measuring tape made of steel

Code	Number	Length of tape	Width of tape mm	l/mm	Pieces	Weight/g
1543020030000	1543I-3	3 m	13	60	1	100

1548...

MEASURING TAPE

- according to accuracy class II of the EC regulation
- mm graduation
- automatic tape rewind
- curved, kink resistant measuring tape
- with double scale and non-slip sliding end hook
- housing made of high-tensile plastic
- measuring tape made of steel

Code	Number	Length of tape m	Width of tape mm	l/mm	Pieces	Weight/g
1548000020000	1548-2	2	16	55	1	70
1548000030000	1548-3	3	16	55	1	95

1548-SP-...

MEASURING TAPE

- according to accuracy class II of the EC regulation
- mm graduation
- automatic tape rewind with side brake
- curved, kink resistant measuring tape
- with double scale and non-slip sliding end hook
- housing made of high-tensile plastic
- measuring tape made of steel

Code	Number	Length of tape	Width of tape mm	l/mm	Pieces	Weight/g
1548010030000	1548SP-3	3 m	16	56	1	95
1548010050000	1548SP-5	5 m	16	66	1	160

1549-2

MEASURING TAPE

- according to accuracy class II of the EC regulation
- mm and inch graduation
- automatic tape rewind
- curved, kink resistant measuring tape with non-slip sliding end hook
- housing made of high-tensile plastic
- measuring tape made of steel

Code	Number	Length of tape	Width of tape mm	Graduation	l/mm	Pieces	Weight/g
1549000020000	1549-2	2 m	13	mm + Inch	50	1	60

1545-...

FLEXIBLE STEEL RULE

- according to accuracy class II of the EC regulation
- graduation in mm
- stainless spring band steel

Code	Number	Measurement mm	Pieces	Weight/g
1545001501000	1545-150	150 × 13 × 0,5	6	10
1545002001000	1545-200	200 × 13 × 0,5	6	10
1545002501000	1545-250	250 × 13 × 0,5	6	12
1545003001000	1545-300	300 × 13 × 0,5	6	20
1545005001000	1545-500	500 × 20 × 0,5	1	40
1545010001000	1545-1000	1000 × 20 × 0,5	1	80

1547-...

FLEXIBLE STEEL RULE

- according to accuracy class II of the EC regulation
- graduation in mm
- stainless spring band steel

Code	Number	Measurement mm	Pieces	Weight/g
1547003001000	1547-300	300 × 30 × 1,0	6	60
1547005001000	1547-500	500 × 30 × 1,0	1	100
1547010001000	1547-1000	1000 × 30 × 1,0	1	200

1552-...

ALUMINIUM RULER

- graduation in mm
- pattern with touching edge and anodized surface
- aluminium alloy

Code	Number	Measurement mm	Pieces	Weight/g
1552003001000	1552-300	300 × 50 × 5	1	190
1552006001000	1552-600	600 × 50 × 5	1	365
1552010001000	1552-1000	1000 × 50 × 5	1	605

1553-...

PRECISION STRAIGHT-EDGE RULER

- in case
- accuracy class 00
- for checking the evenness of surfaces
- through hardened, measuring surfaces lapped
- handle insulated as isolation against hand warm
- high grade tool steel
- DIN 874

Code	Number	Measurement mm	Measurement Inch	Pieces	Weight/g
1553001001000	1553-100	100	4	1	80
1553001501000	1553-150	150	6	1	150
1553002001000	1553-200	200	8	1	245
1553003001000	1553-300	300	12	1	495
1553005001000	1553-500	500	20	1	1095

1582-...

MARKING GAUGE WITH FLAT SLIDER

- for precise measurement by stop on the work piece
- graduation in mm
- flat pattern with hardened marking edge and locking screw
- matt chrome plated
- factory norm

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1582002001000	1582-200	200	8	1	420
1582002501000	1582-250	250	10	1	480
1582003001000	1582-300	300	12	1	500

1554-...

SPIRIT LEVEL

- accuracy: 0,5 mm/m = 0,029°
- with unbreakable vials made of acrylic glass
- horizontal vials with magnifying lens
- lateral mm graduation
- rectangular aluminium profile (50 x 21 mm), surface plastic coated

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1554004000000	1554-400	400	16	1	240
1554006000000	1554-600	600	24	1	335
1554008000000	1554-800	800	32	1	470
1554010000000	1554-1000	1000	40	1	580

1555

PRECISION DIAL INDICATOR

- in plastic storage case
- clamping shank 8h6 diameter
- adjustable tolerance marks
- housing made of stainless steel

Code	Number	Measuring range mm	Reading mm	Outside Ø mm	Pieces	Weight/g
1555000000000	1555	0-10	0,01	58	1	180

1557

PRECISION DIAL MINI INDICATOR

- in plastic storage case
- clamping shank 8h6
- adjustable tolerance marks
- housing made of stainless steel

Code	Number	Measuring range mm	Reading mm	Outside Ø mm	Pieces	Weight/g
1557000000000	1557	0-5	0,01	40	1	120

1565

UNIVERSAL MAGNETIC DIAL GAUGE STAND

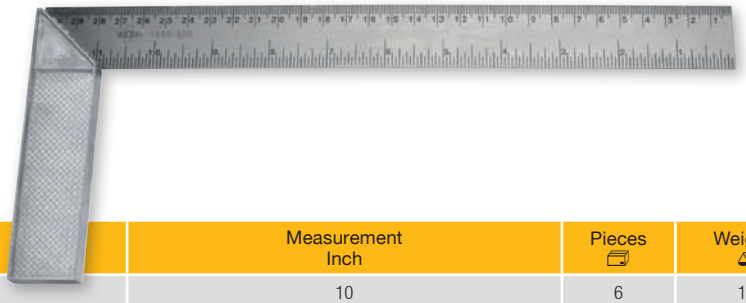
- for holding dial indicators ELORA-No. 1555 and 1557
- on / off switching for activation of the magnetic stand (65 x 50 x 55 mm) with an adhesive force of 600N
- Ø 8 mm dial indicator holding hole
- vertical bar 230 mm, horizontal bar 200 mm
- leverage hard chrome plated with fine adjustment

Code	Number	l/mm	Pieces	Weight/g
1565000000000	1565	280	1	1650

1566GU-...

JOINER'S SQUARE

- short steel side 20 mm
- try square with mitre
- long steel side with 2 scales
- short steel side made of die cast metal

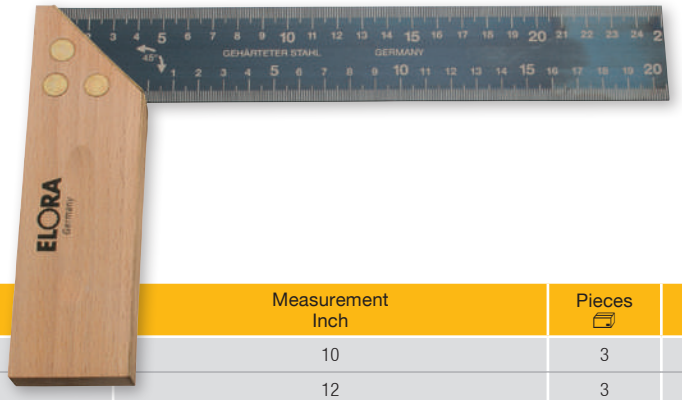


Code	Number	Measurement mm	Measurement Inch	Pieces	Weight/g
1566002501000	1566GU-250	250	10	6	140
1566003001000	1566GU-300	300	12	6	150

1566H-...

JOINER'S SQUARE

- try square with mitre
- long steel side with 2 scales
- short side made of beech wood with brass fittings



Code	Number	Measurement mm	Measurement Inch	Pieces	Weight/g
1566012501000	1566H-250	250	10	3	170
1566013001000	1566H-300	300	12	3	200
1566014001000	1566H-400	400	16	3	270

1567GU-...

JOINER'S SLIDING BEVEL

- with locking screw
- leg made of die cast metal, tongue made of hardened steel

Code	Number	Measurement mm	Measurement Inch	Pieces	Weight/g
1567002501000	1567GU-250	250	10	6	285
1567003001000	1567GU-300	300	12	6	320

1567H-...

JOINER'S SLIDING BEVEL

- with locking screw
- side made of beech wood with brass fittings
- blue hardened steel blade

Code	Number	Measurement mm	Measurement Inch	Pieces	Weight/g
1567012001000	1567H-200	200	8	6	110
1567012501000	1567H-250	250	10	6	130
1567013001000	1567H-300	300	12	6	150

1569-...

PRECISION STEEL SQUARE

- accuracy class 00
- long side with knife edges on both sides
- measuring surface lapped
- high-tensile steel, through hardened
- DIN 875

Code	Number	Measurement mm	Pieces	Weight/g
1569000501000	1569-50	50 x40	1	35
1569000751000	1569-75	75 x 50	1	56
1569001001000	1569-100	100 x 70	1	117
1569001501000	1569-150	150 x 100	1	275

1570-.../1571-...

ENGINEER STEEL SQUARE

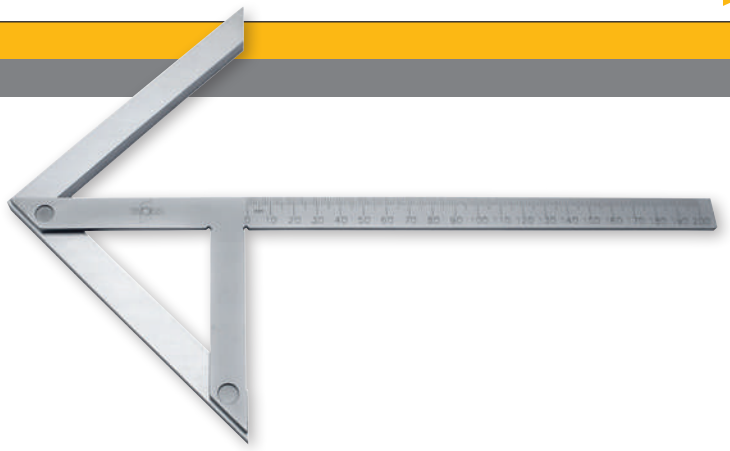
- 1570: 90° plain blade without stop
- 1571: 90° blade with stop
- with exposed try square
- zinc coated
- steel

Code	Number	Measurement mm	Pieces	Weight/g
1570001001000	1570-100	100 x 70	6	70
1570001501000	1570-150	150 x 100	6	150
1570002001000	1570-200	200 x 130	6	250
1570002501000	1570-250	250 x 160	6	350
1570003001000	1570-300	300 x 180	6	400
1570004001000	1570-400	400 x 230	6	575
1570005001000	1570-500	500 x 280	6	770
1570006001000	1570-600	600 x 330	1	1000
1570007501000	1570-750	750 x 380	1	1200
1570010001000	1570-1000	1000 x 500	1	1850
1571001001000	1571-100	100 x 70	4	105
1571001501000	1571-150	150 x 100	4	235
1571002001000	1571-200	200 x 130	4	350
1571002501000	1571-250	250 x 160	4	475
1571003001000	1571-300	300 x 180	2	550
1571004001000	1571-400	400 x 230	2	800
1571005001000	1571-500	500 x 280	2	1100
1571006001000	1571-600	600 x 330	1	1400
1571007501000	1571-750	750 x 380	1	1850
1571010001000	1571-1000	1000 x 500	1	2250

1577-...

PRECISION CENTER SQUARE

- for scribing the centre of round components
- rail with mm graduation
- matt chrome plated
- factory norm



Code	Number	Measurement mm	Cross Section mm	90° Angle mm	Pieces	Weight/g
1577001501000	1577-150	150 x 130	16 x 5	9 x 11	1	400
1577002001000	1577-200	200 x 150	18 x 5	9 x 19	1	500

1578-...

FLANGE STEEL SQUARE

- for alignment off flanges
- zinc coated
- steel
- factory norm

Code	Number	Measurement mm	Flange width mm	Pieces	Weight/g
1578003001000	1578-300	300 x 300	100 x 65	1	670
1578004001000	1578-400	400 x 400	125 x 70	1	1200
1578005001000	1578-500	500 x 500	125 x 70	1	1350
1578006001000	1578-600	600 x 600	125 x 100	1	1600

1579-...

METRE SQUARE 135°

- with stop
- zinc coated
- special steel

Code	Number	Measurement mm	Pieces	Weight/g
1579001501000	1579-150	150 x 100	1	260
1579002001000	1579-200	200 x 130	1	350

188-...M, 188-...Z

FEELER GAUGE

- standard pattern with protection grip
- retractable blades
- blade length 100 mm
- conical blades
- spring band steel

Code	Number	Thickness mm	Pieces	Weight/g
0188000804000	188-8M	0,05, 0,10, 0,15, 0,20, 0,25, 0,30, 0,40, 0,50	10	35
0188000814000	188-81M	0,03, 0,04, 0,05, 0,06, 0,07, 0,08, 0,09, 0,10	10	22
0188001304000	188-13M	0,05, 0,10, 0,15, 0,20, 0,25, 0,30, 0,40, 0,50, 0,60, 0,70, 0,80, 0,90, 1,00	10	68
0188002004000	188-20M	0,05, 0,10, 0,15, 0,20, 0,25, 0,30, 0,35, 0,40, 0,45, 0,50, 0,55, 0,60, 0,65, 0,70, 0,75, 0,80, 0,85, 0,90, 0,95, 1,00	10	106
0188002014000	188-201M	0,05, 0,10, 0,20, 0,30, 0,40, 0,50, 0,60, 0,70, 0,80, 0,90, 1,00, 1,10, 1,20, 1,30, 1,40, 1,50, 1,60, 1,70, 1,80, 1,90, 2,00	10	185
0188002104000	188-21M	0,10, 0,12, 0,14, 0,16, 0,18, 0,20, 0,22, 0,24, 0,26, 0,28, 0,30, 0,32, 0,34, 0,36, 0,38, 0,40, 0,42, 0,44, 0,46, 0,48, 0,50	10	70
0188002604000	188-26M	0,03, 0,04, 0,05, 0,06, 0,07, 0,08, 0,09, 0,10, 0,15, 0,20, 0,25, 0,30, 0,35, 0,40, 0,45, 0,50, 0,55, 0,60, 0,65, 0,70, 0,75, 0,80, 0,85, 0,90, 0,95, 1,00	10	104

Code	Number	Thickness Inch	Pieces	Weight/g
0188011004000	188-11Z	.0015, .002, .003, .004, .006, .008, .010, .012, .015, .020, .025	10	38
0188013004000	188-13Z	.002, .003, .004, .005, .006, .008, .010, .012, .015, .020, .025, .030, .035	10	52
0188020004000	188-20Z	.002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .016, .018, .020, .022, .024, .030, .035	10	74
0188022004000	188-22Z	.004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025	10	85
0188026004000	188-26Z	.0015, .002, .0025, .003, .004, .005, .006,.007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020,.021, .022, .023, .024, .025	10	86

188MZ-25

FEELER GAUGE

- 25 pcs.
- double marked (mm, AF)
- standard pattern with protection grip
- retractable blades
- blade length 100 mm
- conical blades
- spring band steel

Code	Number	Thickness mm	Thickness Inch	Pieces	Weight/g
0188000004000	188MZ-25	0,04, 0,05, 0,08, 0,10, 0,12, 0,15, 0,18, 0,20, 0,22, 0,25, 0,28, 0,30, 0,33, 0,35, 0,38, 0,40, 0,43, 0,45: 0,50, 0,55, 0,63, 0,75, 0,80, 0,88, 1,00	0,0015, 0,0020, 0,0030,0,0040, 0,0050, 0,0060,0,0070, 0,0080, 0,0090,0,0100, 0,0110, 0,0120,0,0130, 0,0140, 0,0150,0,0160, 0,0170, 0,0180,0,0200, 0,0220, 0,0250,0,0300, 0,0320, 0,0350, 0,0400	10	86

188R-...

FEELER GAUGE, STAINLESS STEEL

- 188R-13M: 13 pcs.
- 188R-20M: 20 pcs.
- standard pattern with protection grip
- retractable blades
- blade length 100 mm
- conical blades
- stainless steel

Code	Number	Thickness mm	Pieces	Weight/g
0188500134000	188R-13M	0,05, 0,10, 0,15, 0,20, 0,25, 0,30, 0,40, 0,50, 0,60, 0,70, 0,80, 0,90, 1,00	10	60
0188500204000	188R-20M	0,05, 0,10, 0,15, 0,20, 0,25, 0,30, 0,35, 0,40, 0,45, 0,50, 0,55, 0,60, 0,65, 0,70, 0,75, 0,80, 0,85, 0,90, 0,95, 1,00	10	95

194-...

NOZZLE GAUGE

- 194-20M: 20 pcs.
- 194-16M: 16 pcs.
- polished precision pins
- high grade tool steel

Code	Number	Gauge Ø mm	l/mm	Pieces	Weight/g
0194500204000	194-20M	0,45, 0,50, 0,55, 0,60, 0,65, 0,70, 0,75, 0,80, 0,85, 0,90, 0,95, 1,00, 1,05, 1,10, 1,15, 1,20, 1,25, 1,30, 1,40, 1,50 mm	65	12	68
0194600164000	194-16M	1,50, 1,60, 1,70, 1,80, 1,90, 2,00, 2,10, 2,20, 2,30, 2,40, 2,50, 2,60, 2,70, 2,80, 2,90, 3,00 mm	65	12	78

197-...

FEELER GAUGE TAPE

- in plastic box
- length 5 m, width 13 mm
- thickness markings each 10 cm
- spring band steel
- 197-01 and 197-02: stainless steel

Code	Number	Thickness mm	Pieces	Weight/g
0197000014000	197-01	0,01	6	22
0197000024000	197-02	0,02	6	30
0197000034000	197-03	0,03	6	32
0197000044000	197-04	0,04	6	38
0197000054000	197-05	0,05	6	44
0197000064000	197-06	0,06	6	50
0197000074000	197-07	0,07	6	52
0197000084000	197-08	0,08	6	60
0197000104000	197-10	0,10	6	78
0197000154000	197-15	0,15	6	102
0197000204000	197-20	0,20	6	130
0197000254000	197-25	0,25	6	150
0197000304000	197-30	0,30	6	165
0197000404000	197-40	0,40	6	255
0197000504000	197-50	0,50	6	345

8421/8422/8423

RADIUS GAUGE, CONCAVE AND CONVEX

- with locking screw
- special steel

Code	Number	Radius mm	Blade	Pieces	Weight/g
8421000000000	8421	1,0-7	17	6	63
8422000000000	8422	7,5-15	16	6	97,6
8423000000000	8423	15,5-25	15	6	92,7

1580-...

INSIDE CALIPER

- for transferring inside measurements
- polished with riveted hinge
- punched bright steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1580002002000	1580-200	200	8	1	100
1580003002000	1580-300	300	12	1	225

1581-...

EXTERNAL CALIPER

- for transferring outside measurements
- polished with riveted hinge
- punched bright steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1581002002000	1581-200	200	8	1	130
1581002502000	1581-250	250	10	1	200
1581003002000	1581-300	300	12	1	260
1581005002000	1581-500	500	20	1	500

1584-...

DIVIDER

- drop forged pattern with hardened points
- opening angle 0-180°
- polished with riveted hinge
- special steel

Code	Number	l/mm	l/Inch	Shank cross section approx mm	Pieces	Weight/g
1584001501000	1584-150	150	6	7 x 8	1	85
1584002001000	1584-200	200	8	9 x 10	1	160
1584002501000	1584-250	250	10	9 x 9	1	260
1584003001000	1584-300	300	12	9 x 9	1	380
1584005001000	1584-500	500	20	12 x 12	1	1030

1585-...

BOW DIVIDER

- drop forged pattern with hardened points
- opening angle 0-85°
- standing bow
- polished with riveted hinge
- special steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1585001501000	1585-150	150	6	1	125
1585002001000	1585-200	200	8	1	180
1585002501000	1585-250	250	10	1	285
1585003001000	1585-300	300	12	1	370
1585004001000	1585-400	400	16	1	910
1585005001000	1585-500	500	20	1	1110

1586-200

DIVIDER WITH PENCIL HOLDER

- drop forged pattern with hardened points
- opening angle 0-85°
- with standing bow and pencil holder
- polished with riveted hinge
- special steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1586002001000	1586-200	200	8	1	250

1587-...

SPRING DEVIDER

- square blade with hardened points
- end-to-end spindle
- special steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1587001501000	1587-150	150	6	1	100
1587002001000	1587-200	200	8	1	160
1587002501000	1587-250	250	10	1	210

1590/1590E

ENGINEER'S SCRIBER

- grip gunmetal-finished and knurled
- with interchangeable, screwed steel point
- high grade tool steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1590000005100	1590	175	7	12	40
1590400005100	1590E	90	3,5	1	5

1591/1591E

ENGINEER'S SCRIBER

- grip gunmetal-finished and knurled
- with one straight and one angled interchangeable, screwed steel point
- 1591-E80: Spare point straight,
  1591-E90: Spare point bent
- high grade tool steel

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1591000005100	1591	250	10	12	50
1591400805100	1591-E80	80	3,2	1	5
1591400905100	1591-E90	80	3,2	1	5

1592

CARBIDE HEXAGON ENGINEER'S SCRIBER

- pattern with hexagonal shaft and deep inserted point
- chrome plated pocket clip
- carbide point

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1592000000000	1592	145	5,8	12	40

1593/1593E

CARBIDE ENGINEER'S SCRIBER

- with interchangeable-, on both sides useable points
- points immersible for protection against damages and risk of injury
- shaft with pocket clip and ribbing surface at the gripping area
- 1593E: Spare point
- carbide point, shaft made of plastic

Code	Number	l/mm	l/Inch	Pieces	Weight/g
1593000000000	1593	150	6	12	35
1593400250000	1593E	25	1	1	5

ELORA
BUDDY

ELORA GERMANY
ELORA
Art.-Nr.: 293

12 AUTOMOTIVE- AND SPECIAL TOOLS

ENGINE, OIL SERVICE, EXHAUST, CLUTCH	Page 420
BRAKES, WHEELS, CHASIS	Page 436
CAR BODYWORKS	Page 444
BATTERY	Page 452
PULLERS	Page 454
MOTOR VEHICLE-TOOL KITS	Page 463

230-...

VALVE SPRING COMPRESSOR

- for OHC and DOHC motors
- with a straight and a cranked claw pair
- handle plastic coated
- metal sheet nickel-plated

Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0230000453000	230-45	45-225	290	1	1325
0230400453000	230E-45	Spare jaw, straight	-	1	106
0230400753000	230E-75	Spare jaw, cranked	-	1	110

230-115

VALVE SPRING COMPRESSOR

- for OHC and DOHC motors
- with a straight and a cranked claw pair
- metal sheet, nickel-plated

Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0230001153000	230-115	115-290	390	1	3225
0230401153000	230E-115	Spare jaw, straight	-	1	114
0230401503000	230E-150	Spare jaw, cranked	-	1	106

233

VALVE SPRING LIFTER

- for OHC and DOHC motors
- with adjustable jaws
- metal sheet, nickel plated

Code	Number	l/mm	Pieces	Weight/g
0233000000000	233	275	1	405

234

VALVE SPRING RETAINER PLIER

- for inserting valve spring retainer
- metal sheet, nickel plated

Code	Number	l/mm	Pieces	Weight/g
0234000000000	234	175	1	100

303-...

VALVE GRINDER TOOL

- for grinding-in the engine valve seats
- rubber suction cup on both ends
- with wooden shaft

Code	Number	Ø mm	l/mm	Pieces	Weight/g
0303000198000	303-19	19x22	200	6	63
0303000228000	303-22	22x32	200	6	63

178-...

STUD EXTRACTOR

- for left and right hand thread
- zinc-plated, spindle gunmetal-finish with 19 mm hexagonal drive
- high grade tool steel C45 / 1.0503

Code	Number	for studs Ø mm	Pieces	Weight/g
0178000151000	178-15	5-15	1	360
0178000201000	178-20	5-20	1	400
0178000221000	178-22	10-19	1	400
0178000281000	178-28	18-28	1	450

232-...

PISTON RING COMPRESSOR

- for pre-loading of the piston rings during insertion of the pistons into the cylinder
- light pattern, continuously adjustable
- wrench included
- high-tensile spring band steel C75 / 1.0605

Code	Number	Span Ø mm	Height mm	Pieces	Weight/g
0232000007000	232-0	40-75	50	1	115
0232000107000	232-1	57-125	80	1	245
0232000117000	232-1A	57-125	100	1	265
0232000207000	232-2	90-175	80	1	285
0232000217000	232-2A	90-175	100	1	310
0232000307000	232-3	90-175	165	1	540

You will find scrapers on page no. 474

232S-...

PISTON RING COMPRESSOR

- for pre-loading of the piston rings during insertion of the pistons into the cylinder
- heavy pattern, continuously adjustable
- wrench included
- high-tensile spring band steel C75 / 1.0605

Code	Number	Span Ø mm	Height mm	Pieces	Weight/g
0232010107000	232S-1	57-125	80	1	260
0232010117000	232S-1A	57-125	100	1	285
0232010207000	232S-2	90-175	80	1	295
0232010217000	232S-2A	90-175	100	1	335
0232010307000	232S-3	90-175	165	1	540

238-2

PISTON GROOVE SCRAPER

- for cleaning of piston grooves
- continuously adjustable for piston diameter of 50-175 mm
- 4 special hardened blades for different groove widths
- grip plastic coated
- nickel-plated
- high grade tool steel C45 / 1.0503

Code	Number	Span Ø mm	for groove mm	l/mm	Pieces	Weight/g
0238000023000	238-2	50-175	2, 2,5, 3, 3,5	330	1	560
0238400023000	238-E2	Set with 4 spare blades for ELORA-No. 238-2	2, 2,5, 3, 3,5	-	1	30

235-...

PISTON RING PLIER

- for inserting and removing piston rings
- nickel-plated, with plastic handles
- high grade tool steel C45 / 1.0503

Code	Number	Span Ø mm	l/mm	Pieces	Weight/g
0235000503000	235-50	50-100	200	1	245
0235000803000	235-80	80-120	220	1	275
0235001103000	235-110	90-150	240	1	340

235-60
PISTON RING PLIER

- with prism holder for safe spreading of different piston rings
- nickel plated
- prism holder gunmetal-finish
- high grade tool steel C45 / 1.0503

Code	Number	Span Ø mm	l/mm	Pieces	Weight/g
0235000603000	235-60	60-160	220	1	200

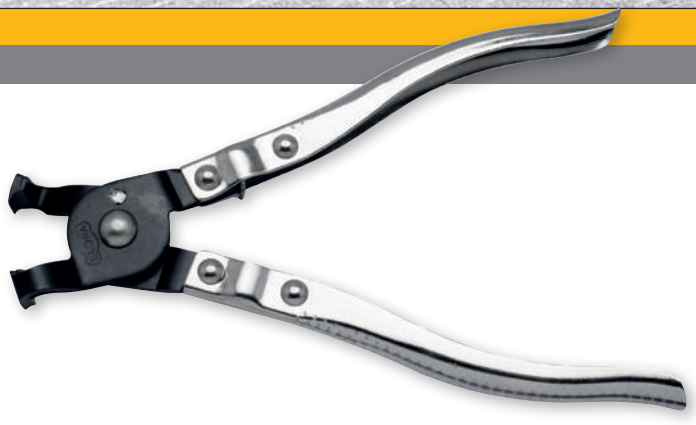
244-4
HOSE CLAMP PLIER

- for mounting and dismounting of self spanning, spring strip and space-saving clamp
- for clamps Ø 7-60 mm
- due to bowden cable operating mechanism (610 mm) suitable for difficult to reach areas
- nickel-plated, joint gunmetal-finish
- high grade tool steel

Code	Number	l/mm	Pieces	Weight/g
0244000040000	244-4	255	1	560

244-C
CLIC-HOSE CLAMP PLIER

- for CLIC-Hose clamps on fuel feed pipes(e.g. VW, Audi, Peugeot)
- opening and closing of the hose clamps by turning the Plier 180°
- with fix jaws, bent by 90°
- span width 20 mm
- nickel-plated, joint gunmetal-finish
- high grade tool steel



Code	Number	l/mm	Pieces	Weight/g
0244000100000	244-C	175	1	160

You will find pry bars on page no. 380

You will find mounting bars on page no.380

244-1
HOSE CLAMP PLIER

- for simple self spanning wire hose clamps (e.g. washing machins)
- lockable in 3 positions
- nickel-plated
- jaws made of high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
0244000000000	244-1	220	1	300

244-2
HOSE CLAMP PLIER

- for simple self spanning wire hose clamps (e.g. washing machins)
- with rotable jaws
- clamping range 40 mm
- nickel plated
- jaws made of high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
0244000020000	244-2	206	1	183

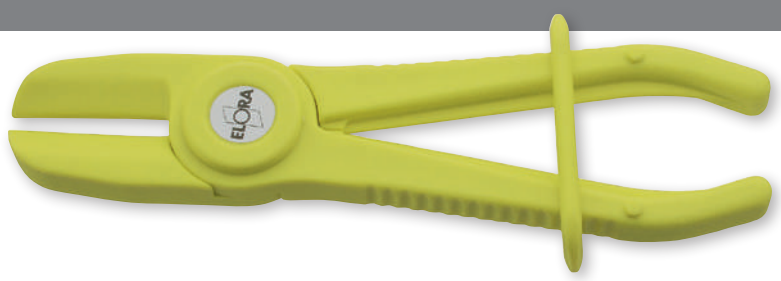
244-3
HOSE CLAMP PLIER

- for spring band clamps e.g. for VW, Audi and Opel
- with rotatable jaws
- clamping range 6-12 mm
- nickel-plated
- jaws made of high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
0244000030000	244-3	206	1	183

245-...
FLEXIBLE LINE CLAMP

- to pinch-off flexible hose lines without metallic tissue, to avoid leakage of fluids, e.g. during exchanging fuel or water of pumps, radiators or similar
- safe locking due to clamp ring
- stable plastic



Code	Number	for line Ø mm	l/mm	Pieces	Weight/g
0245000150000	245-15	0-15	155	6	48
0245000300000	245-30	0-30	185	6	84
0245000600000	245-60	19-57	250	6	130

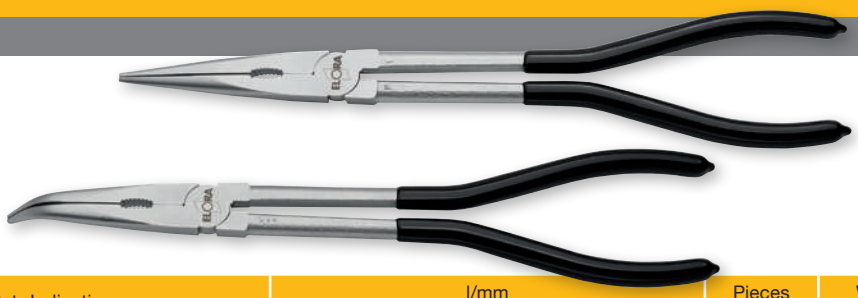
411
LEAK OIL PLIER

- for plugging on and pulling down of difficult to access fuel return pipes on injecton nozzles
- 90° angled
- with burner hole and side cutter
- nonslip QUATROLIT®-2C-handles
- matt chrome plated
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0411000001000	411	190	7,5	1	220

374-...
FLAT NOSE PLIER

- extra-long for difficult to access areas
- straight or angled pattern
- grooved gripping surfaces
- ground, with dip insulated, black handles
- matt chrome plated
- ELORA-high grade tool steel C45 / 1.0503



Code	Number	Art.-Indication	l/mm	Pieces	Weight/g
0374000011000	374-1	straight	280	1	240
0374000021000	374-2	bent	280	1	240

306
WEDGE BASE BULB PLIER

- for mounting and dismounting of wedge base bulbs
- plastic coated gripping surface
- nonslip QUATROLIT®-2C-handles
- matt chrome plated
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0306000002000	306	160	6,5	1	160

586
AUTOMOTIVE LIGHT TESTER

- 10 mm long probe tip
- with protection cap
- cable with alligator clamp
- for voltage testing from 6-24 V
- not for use on vehicles with electrical components
- in a plastic bag

Code	Number	l/mm	Pieces	Weight/g
0586000000000	586	120	6	74

You will find grip pliers on page no. 468

You will find chain pipe or exhaust pipe cutters on page no. 347

294
ANTI-FREEZE TESTER

- for quick and accurate testing of the freezing point temperature of the coolant liquid at any outside temperature
- with 360° rotatable twin measuring element
- aspirate ball made of elastomer, stays elastic and full functional at any outside temperature
- hydrostatic block automatically avoids any leakage or reflow of air
- made of robust technical plastics

Code	Number	l/mm	Pieces	Weight/g
0294000000000	294	130	1	170

590-S
MINI HOOK SET

- 4 pcs.
- for removing and inserting of O-rings and sealing gaskets
- QUATROLIT®-2C-handles with suspension hole
- blade matt chrome-plated
- Chrome-Vanadium 58CrV4 / 1.8161

Code	Number	Pieces	Weight/g
0590500011000	590-S	1	140

1666
CREEPER

- professional pattern with lightly elevated head piece
- ergonomic pattern
- made of high tensile plastic
- capacity 130 kg
- 6 swivel castors, Ø 70 mm
- temperature range: -30 °C - +60 °C
- dimensions creeper: H 115 x L 1030 x D 480 mm

Code	Number	Pieces	Weight/g
1666000000000	1666	1	9250

187-140
STRAP WRENCH

- for removing oil filters and clamping of round shaped parts
- max. parts diameter 140 mm
- non-slip fibre ribbon, width 14 mm
- plastic coated grip
- high grade tool steel

Code	Number	Handle Length mm	Pieces	Weight/g
0187001401000	187-140	220	1	225
0187001401001	187-E140	Spare strap	1	30

187-160
STRAP WRENCH

- for removing oil filters and clamping of round shaped parts
- max. parts diameter 160 mm
- non-slip fibre ribbon, width 22 mm
- plastic coated grip
- high grade tool steel

Code	Number	Handle Length mm	Pieces	Weight/g
0187001601000	187-160	230	1	300
0187001601001	187-E160	Spare strap	1	64

187-180
STRAP WRENCH

- for removing oil filters and clamping of round shaped parts
- especially appropriate for trucks, construction and agriculture machinery
- max. parts diameter 180 mm
- non-slip fibre ribbon, width 50 mm
- with 1/2" female square drive
- high grade tool steel

12,5

1/2"

Code	Number	■	Pieces	Weight/g
0187001801000	187-180	1/2"	1	375
0187001801001	187-E180	Spare strap	1	60

You will find claws on page no. 495

You will find flexible magnetic lifters on page no. 495

You will find inspection mirrors on page no. 495

187-280
STRAP WRENCH

- for removing oil filters and clamping of round shaped parts
- especially appropriate for trucks, construction and agriculture machinery
- max. parts diameter 280 mm
- non-slip fibre ribbon, width 25 mm
- drop forged pattern
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	Handle Length mm	Pieces	Weight/g
0187002801000	187-280	280	1	450
0187002801001	187-E280	Spare strap	1	110

236-1
OIL FILTER CHAIN WRENCH, UNIVERSAL

- for all common oil-, fuel filter and round couplings
- parts diameter 50-100 mm
- 32 chain links
- matt chrome-plated, black chain
- gun metal finish
- 1-2‘‘-female square drive according to DIN 3120

12,5

1/2"

Code	Number	Chain length mm	■	Pieces	Weight/g
0236000010000	236-1	400	1/2“	1	330

227
DRAIN PLUG WRENCH

- for loosening and tightening of oil female square drive screws
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	■	l/mm	Pieces	Weight/g
0227000000000	227	8 und 10	285	6	335

190-...
FILTER WRENCH

- for all common oil-, fuel filter and round couplings
- with adjustable steel band
- plastic coated grip
- nickel-plated

Code	Number	Span Ø mm	Handle Length mm	Pieces	Weight/g
0190000603000	190-60	60-80	220	1	280
0190000803000	190-80	80-110	240	1	315

874-2

OIL FILTER WRENCH

- suitable for oil filters in difficult to access areas
- 3 arms, for clockwise and counter-clockwise tightening
- female square drive according to DIN 3120-C 10, ISO 1174
- with adapter to female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- external hexagon 21 mm
- chrome-plated, adapter gunmetal-finish
- high grade tool steel

10 | 12,5 | 3/8" | 1/2"

Code	Number	max. oil filter Ø mm	Height mm	Pieces	Weight/g
0874000025100	874-2	65-120	65	1	350

770-L22

DRAIN PLUG WRENCH

- especially appropriate for Caterpillar vehicles
- with conic external hexagon size 22-24,5 mm and 28,5-31 mm
- 1-2''-female square drive according to DIN 3120
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5 | 1/2"

Code	Number	l/mm	Pieces	Weight/g
0770022002000	770-L22	44	6	180

875

TRUCK AIR FILTER WRENCH

- for loosening of air filters
- 3 arms
- black coated
- high grade tool steel
- female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove

12,5 | 1/2"

Code	Number	for air filter Ø mm	Height mm	Pieces	Weight/g
0875000005100	875	75-130	85	1	960

770-L21

RADIATOR DRAIN SOCKET

- especially appropriate for Caterpillar vehicles
- slot width 11 mm
- female square drive according to DIN 3120-C 12,5, ISO 1174 with ball retaining groove
- matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5 | 1/2"

Code	Number	l/mm	Pieces	Weight/g
0770021002000	770-L21	40	6	55

463
GLOW PLUG PLIER

- straight edition
- for plugging on and pulling down of deep-seated glow plugs
- nonslip QUATROLIT®-2C-handles
- matt chrome plated
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0463000005100	463	230	9	1	220

464-...
SPARK PLUG PLIER

- hooked jaws
- for difficult to pull down spark plug sockets
- BI: matt chrome plated
- AI: gun metal finish
- nonslip QUATROLIT®-2C-handles
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0464002005100	464-200AI	200	8	1	215
0464002001100	464-200BI	200	8	1	215

465-...
SPARK PLUG PLIER

- for difficult to access spark plug sockets
- jaw length 50mm
- BI: matt chrome plated
- AI: gun metal finish
- nonslip QUATROLIT®-2C-handles
- ELORA-high grade tool steel C45 / 1.0503

Code	Number	Jaw length mm	l/mm	l/Inch	Pieces	Weight/g
0465002305100	465-230AI	50	240	9,5	1	250
0465002301100	465-230BI	50	240	9,5	1	250
0465003005100	465-300AI	50	300	12	1	275
0465003001100	465-300BI	50	300	12	1	275

1115
GLOW PLUG RATCHET

- for mounting and dismounting of glow plugs in constricted room
- curved pattern, reversible
- matt chrome-plated, polished
- special steel

Code	Number	mm	l/mm	Pieces	Weight/g
1115000000000	1115	8 x 12	255	6	159

218-.../220-...

TUBULAR SPARK PLUG WRENCH

- for spark plugs of size 16 mm (5/8“ AF)
- to operate with tommy bar ELORA-No. 229D
- female square drive according to DIN 3120-C 10, ISO 1174 respectively DIN 3120-C 12,5, ISO, with ball retaining groove
- made of seamless precision tube
- hardened, matt chrome-plated
- high grade tool steel C45/1.0503
- tommy bars are not included

10 | 12,5 | 3/8" | 1/2"

Code	Number	⬡	⊢	l/mm	Pieces	Weight/g
0218016271000	218-16x270	3/8“	M10	270	6	200
0220016141000	220-16x145	1/2“	M10	145	6	95
0220016271000	220-16x270	1/2“	M10	270	6	200

219

TUBULAR SPARK PLUG WRENCH

- to operate with tommy bar ELORA-No. 229D
- with rubber insert 20,8 mm
- hollow shaft made of seamless tube
- hardened
- matt chrome-plated
- high grade tool steel C45/1.0503
- tommy bars are not included

Code	Number	⬡ mm	⊢	l/mm	Pieces	Weight/g
0219000000000	219	16 x 20,8 (5/8 x 13/16 AF)	M10, M14	190	6	210

229D

TOMMY BAR

- for tubular spark plug wrench ELORA-No. 218, 219, 220
- hardened, matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	Ø mm	l/mm	Pieces	Weight/g
0229000000000	229D	8	185	6	74

221-...

SPARK PLUG WRENCH

- pattern with ball joint and rubber insert
- hollow shaft made of seamless tube
- hardened, matt chrome-plated
- high grade tool steel C45/1.0503

Code	Number	⬡ mm	⊢	l/mm	Pieces	Weight/g
0221000161000	221-16	16,0 (5/8 AF)	M10	110	6	225
0221000181000	221-18	18,0 (11/16 AF)	M12	110	6	225
0221000211000	221-20,8	20,8 (13/16 AF)	M14	110	6	225

222-...

SPARK PLUG WRENCH

- pattern with swivelling actuating bracket
- hardened, chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	mm		l/mm	Pieces	Weight/g
0222000161000	222-16	16x20,8 (5/8x13/16 AF)	M10, M14	215	4	200
0222000211000	222-20,8	20,8x26 (13/16x1 AF)	M14, M18	215	4	245

228-...

SPARK PLUG WRENCH

- pattern with joint, T-handle and rubber insert
- hardened, matt chrome-plated
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	mm		l/mm	Pieces	Weight/g
0228000161000	228-16	16,0 (5/8 AF)	M10	225	4	290
0228004001000	228-400	20,8 (13/16 AF)	M14	400	4	320

871TZ-...

SPARK PLUG SOCKET 3/8“, HEXAGON

- extra deep, with rubber insert
- chrome-plated, polished
- knurled
- female square drive according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

10

3/8"

Code	Number	mm		l/mm	Pieces	Weight/g
0871001602000	871TZ-16	16,0 (5/8 AF)	M10	70	6	106
0871001802000	871TZ-18	18,0 (11/16 AF)	M12	70	6	115
0871002082000	871TZ-20,8	20,8 (13/16 AF)	M14	70	6	124

You will find joint socket wrenches with t-handle on page no. 110

871TMG-...

SPARK PLUG SOCKET 3/8“, HEXAGON

- extra deep, with permanent magnet
- chrome-plated, polished
- knurled
- female square drive according to DIN 3120-C 10, ISO 1174, with ball retaining groove
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

10

3/8"

Code	Number	mm		l/mm	Pieces	Weight/g
0871011602300	871TMG-16	16,0 (5/8 AF)	M10	70	6	115
0871011802300	871TMG-18	18,0 (11/16 AF)	M12	70	6	115
0871012082300	871TMG-20,8	20,8 (13/16 AF)	M14	70	6	154

771LTZ-...

SPARK PLUG SOCKET 1/2“, HEXAGON

- extra deep, with rubber insert and bore hole Ø 9 mm
- chrome-plated, polished
- knurled
- female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5

1/2"

Code	Number	mm		Ø mm	l/mm	Pieces	Weight/g
0771031602000	771LTZ-16	16,0 (5/8 AF)	M10	22	80	6	165
0771031802000	771LTZ-18	18,0 (11/16 AF)	M12	25	80	6	170
0771032082000	771LTZ-20,8	20,8 (13/16 AF / 7/16 WW)	M14	27	80	6	180

771LMG-...

SPARK PLUG SOCKET 1/2“, HEXAGON

- extra deep, with permanent magnet
- chrome-plated, polished
- knurled
- female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5

1/2"

Code	Number	mm		Ø mm	l/mm	Pieces	Weight/g
0771031602300	771LMG-16	16,0 (5/8 AF)	M10	22	80	6	170
0771031802300	771LMG-18	18,0 (11/16 AF)	M12	25	80	6	175
0771032082300	771LMG-20,8	20,8 (13/16 AF / 7/16 WW)	M14	27	80	6	185

770-L20-...

SPARK PLUG SOCKET 1/2“, BI-HEXAGON

- extra deep, with rubber insert
- chrome-plated, polished
- knurled
- female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5

1/2"

Code	Number	mm		l/mm	Pieces	Weight/g
0770602012000	770-L20-1	16,0 (5/8 AF)	M10	100	1	185
0770602022000	770-L20-2	20,8 (13/16 AF)	M14	100	1	185

249
CONTACT FILE

- for cleaning and adjusting of spark plug contacts
- Cut 2 second
- high grade tool steel C45/1.0503

Code	Number	Measurement mm	Pieces	Weight/g
0249000000000	249	150x8x0,8	12	10

249-S6
CONTACT FILE SET

- 6 pcs.
- for cleaning and adjusting of spark plug contacts
- in a plastic storage wallet
- Cut 2, second
- high grade tool steel C45/1.0503

Code	Number	Pieces	Weight/g
0249500060000	249-S6	6	64

251
SPARK PLUG CLEANING BRUSH

- for cleaning of spark plug contacts
- corrugated brass wire bristles, 3 rows
- wooden handle

Code	Number	Working Surface mm	l/mm	l/Inch	Pieces	Weight/g
0251000000000	251	45 x 18	200	8	12	40

193-8M
SPARK PLUG GAUGE

- for testing and adjusting of electrode gaps at spark plugs
- 8 electrode gap gauges and 1 electrode bender
- high grade tool steel, gauge wires made of precision steel wire

Code	Number	Blade Ø mm	l/mm	Pieces	Weight/g
0193500084000	193-8M	0,40, 0,50, 0,60, 0,70, 0,75, 0,80, 0,90, 1,00	90	12	42

580-45
SPARK PLUG TESTER

- for function testing of spark plugs with one electrode
- plastic handle with metal clip
- blade made of Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	Edge mm	mm	mm	Pieces	Weight/g
0580000451000	580-45	3	45	120	6	14

770-LTD
SOCKET FOR INJECTION NOZZLE

- appropriate for injection nozzles on Diesel engine vehicles
- size 27 mm, recessed internal contour
- hot-forged
- chrome-plated
- knurled
- female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- ELORA-Chrome-Vanadium 31CrV3 / 1.2208

12,5

1/2"

Code	Number	mm	l/mm	Pieces	Weight/g
0770035701000	770-LTD	27	80	1	270

776L-9
SOCKET FOR LAMBDA OXYGEN SENSOR

- extra-long pattern
- for lambda oxygen sensor with fix mounted cable
- internal hexagon size 22 mm
- slotted for passing the cable
- female square drive according to DIN 3120-C 12,5, ISO 1174, with ball retaining groove
- Chrome-Molybdenum 42CrMo4 / 1.7225

12,5

1/2"

Code	Number		mm	l/mm	Pieces	Weight/g
0776000095100	776L-9	1/2"	22	150	1	350

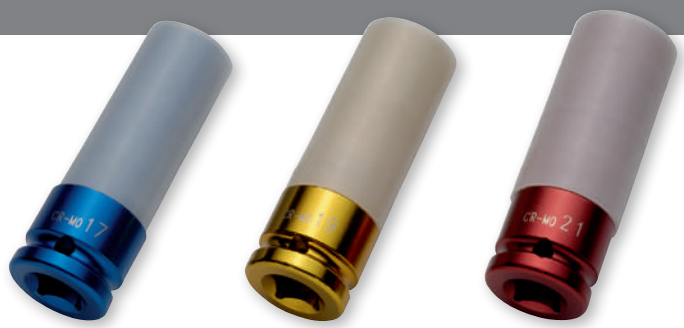
You will find craw foot spanners on page no. 135

You will find impact sockets 1/2", extra deep on page no. 197

790LTP...

IMPACT SOCKET 1/2“, HEXAGON

- for power tools
- extra deep with, with plastic sleeve
- for wheel mounting, plastic sleeve to protect the rims from scratches
- coloured size identification
- female square drive according to DIN 3121-H 12,5, ISO 1174
- special steel



12,5

1/2"

Code	Number	Colour	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790026155101	790LTP-15	dark green	85	7903-25	7904-24	6	200
0790026175101	790LTP-17	blue	85	7903-25	7904-24	6	200
0790026195101	790LTP-19	yellow	85	7903-25	7904-24	6	220
0790026215101	790LTP-21	red	85	7903-25	7904-24	6	240
0790026225101	790LTP-22	green	85	7903-25	7904-24	6	260

790-LTPS3

IMPACT SOCKET SET 1/2“, HEXAGON

- 3 pcs., in plastic box
- extra deep, plastic sleeve, in plastic box
- for wheel mounting, plastic sleeve to protect the rims from scratches
- for power tools
- coloured size identification
- female square drive according to DIN 3121-H 12,5, ISO 1174
- special steel

12,5

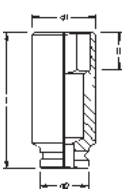
1/2"

Code	Number	Contents	Pieces	Weight/g
0790526005100	790-LTPS3	790LTP- 17 mm blue, 19 mm yellow, 21 mm red	6	833

790DW-...

IMPACT SOCKET 1/2“, THIN WALLED, HEXAGON

- for power tools
- extra deep
- suitable for deep lying bolts
- square drive according to DIN 3121-G12,5, ISO1174
- special steel, phosphatized



12,5

1/2"

Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790000175101	790DW-17	52	24	24,5	30	7903-25	7904-24	6	130
0790000195101	790DW-19	52	24	27	30	7903-25	7904-24	6	140
0790000215101	790DW-21	52	24	30	30	7903-25	7904-24	6	160

170-...

WHEEL NUT WRENCH

- for loosening and tightening of wheel nuts and wheel bolts of trucks
- forged pattern
- additional 13/16 AF female square drive within the size of 32 mm, for operating of wheel bolts with male square drive
- to operate with tommy bar ELORA-No. 171
- nickel-plated
- special tool steel

Code	Number	mm	l/mm	Pieces	Weight/g
0170000243000	170-24	24 x 27	400	1	1310
0170000273000	170-27	27 x 32 (1.1/16 AF)	400	1	1460
0170000286100	170-28	28 x 33	400	1	1460
0170000303000	170-30	30 x 32 (1.1/6 AF)	400	1	1460
0170000323000	170-32	32 (1.1/16 AF) x 38 (1.1/4 AF)	400	1	1520

171-...

TOMMY BAR FOR WHEEL NUT WRENCH

- to operate the wheel nut wrench ELORA-No. 170
- nickel-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	Ø mm	l/mm	Pieces	Weight/g
0171000011000	171-500	18	500	1	980
0171000000000	171-600	18	600	1	1175

185-...

WHEEL NUT WRENCH

- bent pattern with hub cap puller
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	mm	l/mm	Pieces	Weight/g
0185000171000	185-17	17	375	3	620
0185000191000	185-19 / 3/4	19 (3/4 AF)	400	3	750

199-...

„FIXPOINT“ WHEEL NUT WRENCH

- for tightening of wheel nuts and wheel bolts
- with fixed set torque value
- acoustic signal reaching the set value
- male square drive according to DIN 3120-A 12,5, ISO 1174
- impact resistant plastic grip

12,5

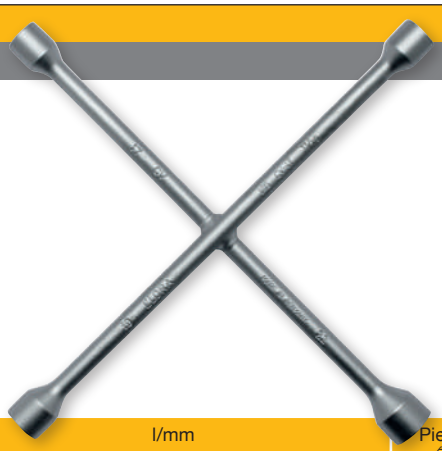
1/2"

Code	Number	Measuring range Nm	l/mm	Pieces	Weight/g
0199000906000	199-90	90	380	1	900
0199001006000	199-100	100	380	1	900
0199001106000	199-110	110	380	1	900

195WS-...

FOUR WAY WHEEL NUT WRENCH

- for cars, light trucks and agricultural machinery
- silver coated
- high grade tool steel
- pattern according to DIN 3119, ISO 6788



Code	Number	Size	l/mm	Pieces	Weight/g
0195000176100	195WS-17	17, 19, 22, 13/16 AF	410	1	1280
0195100236100	195WS-1/2	17, 19, 22, 1/2" male square drive	410	1	1280

195CV-17, 195CV-5/8

FOUR WAY WHEEL NUT WRENCH

- for cars, light trucks and agricultural machinery
- heavy-duty pattern
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208
- pattern according to DIN 3119, ISO 6788

Code	Number	Size	l/mm	Pieces	Weight/g
0195000171000	195CV-17	17, 19, 22, 11/16 AF	380	1	1300
0195100261000	195CV-5/8	5/8, 11/16, 3/4, 7/8 AF	380	1	1300

195CV-...

FOUR WAY WHEEL NUT WRENCH

- for loosening and tightening of wheel nuts and wheel bolts of trucks and tractors
- heavy-duty pattern
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208
- pattern according to DIN 3119, ISO 6788

Code	Number	Size	l/mm	Pieces	Weight/g
0195000271000	195CV-27 / 1.1/16	19, 22, 24 ,27, 3/4, 7/8, 15/16, 1.1/16	600	1	3200
0195000321000	195CV-32	24, 27, 30, 32	750	1	4950
0195000381000	195CV-38 / 1.1/2	24, 27, 32, 38, 15/16, 1.1/16, 1.1/4, 1.1/2	750	1	4950
0195100281000	195CV-3/4	24 ,27, 32, 3/4	750	1	4950

You will find sockets 1/2", extra deep on page no. 148

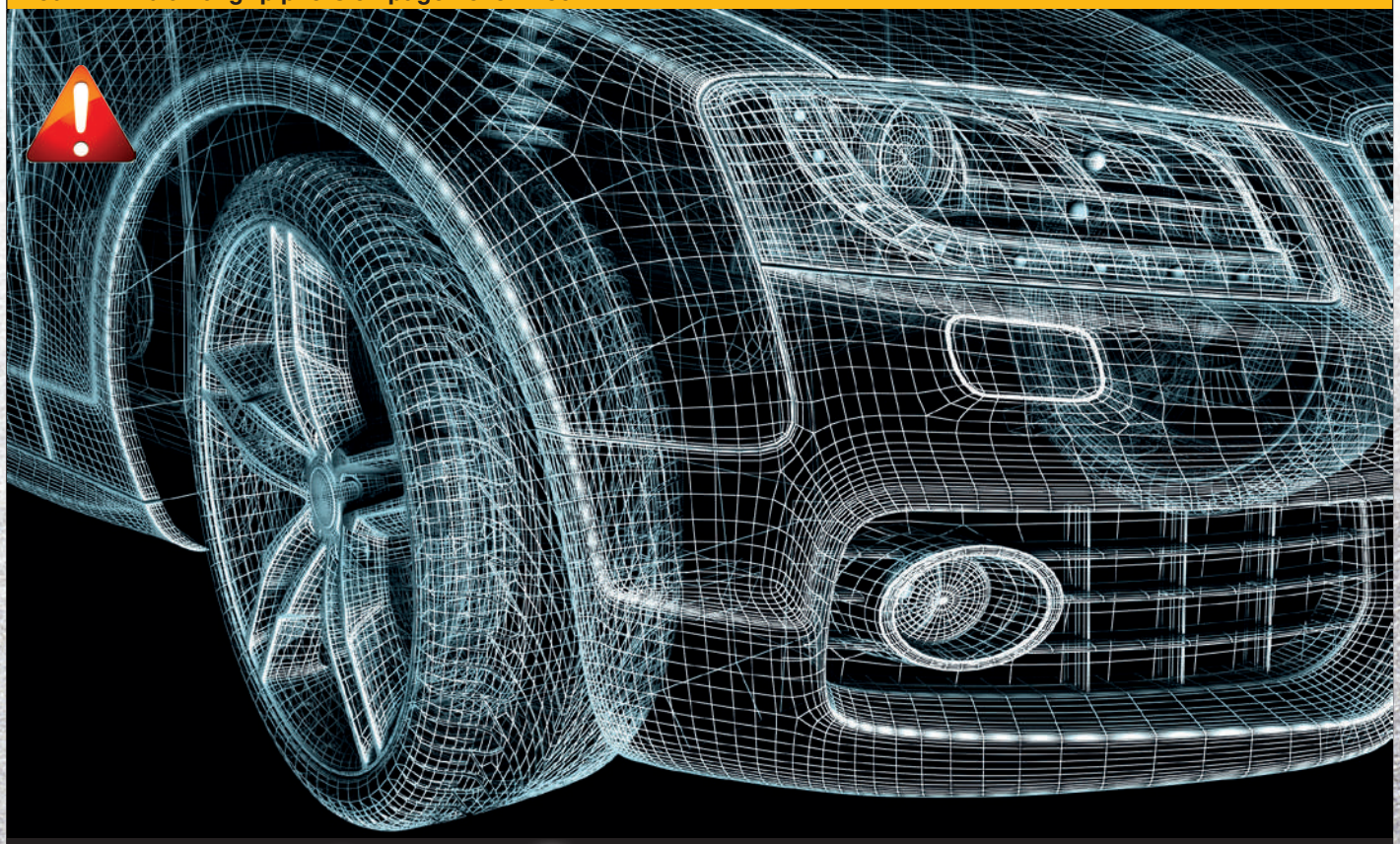
196-...

FOUR WAY WHEEL NUT WRENCH

- for loosening and tightening of wheel nuts and bolts of trucks, tractors and construction machinery
- heavy-duty pattern due to forged centrepiece
- dimensions: 750 x 750 mm
- additional 13 / 16" female square within the size 32 mm for operating of wheel nuts with male square
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208
- pattern according to DIN 3119, ISO 6788

Code	Number	Size	l/mm	Pieces	Weight/g
0196000321000	196-32	24, 27, 30, 32	750	1	6200
0196000381000	196-38	24, 27, 32, 38	750	1	6200
0196100281000	196-3/4	24 ,27, 32, 3/4" male square pattern	750	1	6200

You will find axial grip pliers on page no. 342-351



163
TYRE LEVER

- especially suitable for tubeless tyres
- heavy-duty pattern
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0163000000000	163	450	6	610

165-...
TYRE LEVER

- especially suitable for car tyres
- drop forged pattern with profile shaft
- matt chrome-plated
- Chrome-Vanadium 31 CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0165003001000	165-300	300	6	240
0165004001000	165-400	400	6	375
0165005001000	165-500	500	6	610
0165006001000	165-600	600	6	850

186
TYRE LEVER

- especially suitable for truck tyres
- heavy-duty pattern
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0186000000000	186	600	3	1400

243MB
BALANCE WEIGHT PLIER

- for loosening, tightening and cutting of balance weights on rims
- for setting retaining springs on balance weights
- chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	l/mm	Pieces	Weight/g
0243000001000	243MB	240	1	360

198
TYRE TREAD GAUGE

- for measuring the tyre tread
- measuring range 0-30 mm
- reading accuracy 0,1 mm (vernier scale 1/10 mm)
- lenght of locating surface 23 mm
- solid brass

Code	Number	l/mm	Pieces	Weight/g
0198000000000	198	100	1	54

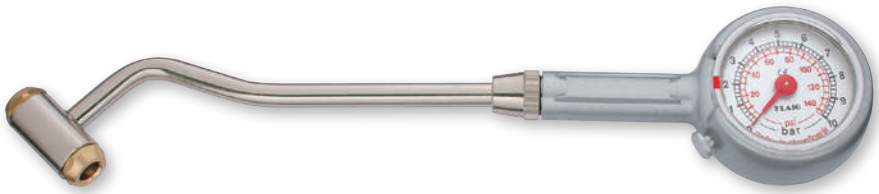
167-1
VALVE ROTATOR

- for screwing on and off the valve inserts as well as for pushing the valve pin in tyre valves
- plastic grip

Code	Number	l/mm	Pieces	Weight/g
0167000010000	167-1	130	1	120

167
TYRE PRESSURE GAUGE

- with cranked measuring intake for VG8 screw thread
- with push-button for resetting the indicator and rotatable for zero regulation
- measuring scale 0-10 bar, resp. 0-140 PSI
- pressure indication in BAR and PSI
- accuracy ± 1% of the value



Code	Number	l/mm	Pieces	Weight/g
0167000000000	167	270	1	220

302
BRAKE PISTON RESET TOOL

- for resetting the pistons in brake disc callipers without screw thread reset adjuster
- suitable for all common types of vehicles
- nickel-plated, jaws gunmetal-finish
- high grade tool steel C45 / 1.0503

Code	Number	l/mm	Pieces	Weight/g
0302000000000	302	205	1	1530

292

FILE FOR BRAKE SERVICE

- for removing braking dust and rust in the brake callipers of car disc brakes
- rough milled
- 2-C-handle
- Tool steel 140Cr3/1.2008

Code	Number	l/mm	Measurement mm	Pieces	Weight/g
0292000000001	292	230	150 x 16 x 4	1	118

292-1

FILE FOR BRAKE SERVICE

- for removing braking dust and rust in the brake callipers of car disc brakes
- 4-sides rough milled
- plastic handle
- Tool steel 140Cr3/1.2008

Code	Number	l/mm	Measurement mm	Pieces	Weight/g
0292000010000	292-1	260	150 x 10 x 10	6	84

293BS

BRUSH FOR BRAKE SERVICE

- for removing braking dust and rust in the brake callipers of car disc brakes
- narrow pattern, width 12 mm
- bristles made of straight steel wire
- 2C-handle

Code	Number	l/mm	Pieces	Weight/g
0293000100000	293BS	240	6	100

293

BRUSH FOR BRAKE SERVICE

- for removing braking dust and rust in the brake callipers of car disc brakes
- narrow, bent pattern
- plastic handle
- bristles made of corrugated steel wire

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0293000000000	293	265	10.1/2	6	80

1667-...

WHEEL HUB GRINDER TYPE 1

- special grinder for cleaning the wheel centring and contact surface between the wheel and the hub
- delivery includes 3 cleaning discs
- grinding diameter 160 mm, suitable for almost all car wheel hubs
- useable with customary boring machines and cordless screwdrivers, rotation speed max. 1500 r/min.
- no sparks and minimum dust development
- up to 100 vehicles per cleaning disc

1667

1667-E

Code	Number	Pieces	Weight/g
1667000000000	1667	1	800
1667000000001	1667-E	1	470

480-...

BRAKE SPRING PLIER

- for removing and replacing of brake shoe return springs in drum brakes
- especially suitable for riveted brake linings
- nickel-plated
- Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Pieces	Weight/g
0480002151000	480-215	215	1	240
0480003301000	480-330	330	1	385

480-340

BRAKE SPRING PLIER

- for removing and replacing of brake shoe return springs in drum brakes
- with a moveable claw, especially suitable for glued brake linings
- nickel-plated, with black coated handles
- Chrome-Vanadium 59CrV4 / 1.2242

Code	Number	l/mm	Pieces	Weight/g
0480003401000	480-340	340	1	470

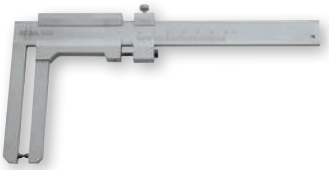
329-...

SEPARATOR "FORK"-TYPE

- for removing connecting rods, ball rods, drop arms etc.
- massive forged pattern
- handle knurled
- zinc-plated
- high grade tool steel

Code	Number	Fork opening mm	l/mm	Pieces	Weight/g
0329000186100	329-18	18	330	1	750
0329000236100	329-23	23	330	1	820
0329000316100	329-31	31	330	1	1100

You will find precision vernier callipers for brake disc on page no. 402



1601-1608
PLANISHING, BUMPING AND DINGING HAMMERS

- forged, blue lacquered, faces grounded or chequered
- high grade tool steel C 45 / 1.0503, ash handles

Code	Number	round hammer head Ø mm	□ mm	Length hammer head Ø mm	l/mm	Productinformation	Pieces	Weight/g
1601000000000	1601	27	27	105	300	Planishing hammer	1	450
1602000000000	1602	32	25	105	300	Bumping hammer	1	300
1603000000000	1603	32 milled	25	105	300	Bumping hammer	1	300
1604000000000	1604	40	35	95	310	Bumping hammer	1	380
1605000000000	1605	40 milled	35	95	310	Bumping hammer	1	380
1606000000000	1606	46	40	115	335	Bumping hammer	1	500
1607000000000	1607	46 milled	40	115	335	Bumping hammer	1	600
1608000000000	1608	32	25	165	320	Dinging hammer	1	420

1612-1618
PICK AND BUMPING HAMMERS

- forged
- blue lacquered, faces ground
- ash handle
- high grade tool steel C45 / 1.0503

Code	Number	round hammer head Ø mm	□ mm	Length hammer head Ø mm	l/mm	Productinformation	Pieces	Weight/g
1612000000000	1612	40	20 x 3	160	300	Pick hammer	1	450
1615000000000	1615	33	36 x 10	160	290	Double bumping hammer	1	500
1618000000000	1618	30	25 x 5	115	290	Bumping hammer	1	300

1609-1616
DINGING, PICK AND EMBOSSING HAMMERS

- forged
- blue lacquered, faces ground
- ash handle
- high grade tool steel C45 / 1.0503

Code	Number	Hammer head Ø mm	Length hammer head Ø mm	l/mm	Productinformation	Pieces	Weight/g
1609000000000	1609	40 x 18	155	300	Dinging hammer	1	460
1610000000000	1610	40 x 10	155	300	Pick and Finishing hammer	1	410
1611000000000	1611	40 x spitz	165	300	Pick hammer, special shape	1	440
1616000000000	1616	40 x spitz	165	400	Embossing hammer	1	400

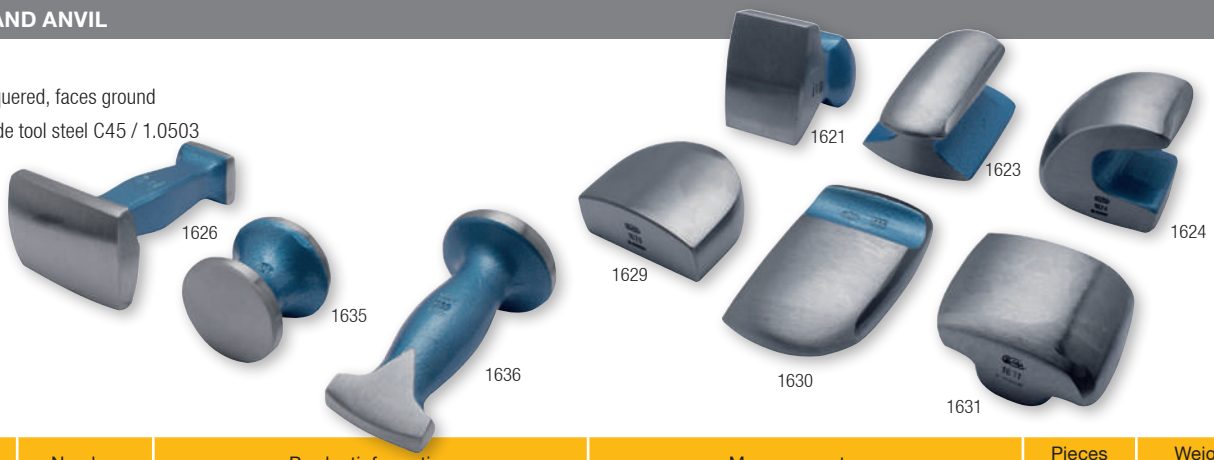
1613-1619
BUMPING HAMMERS

- forged
- blue lacquered, faces ground
- ELORA No. 1619 with replaceable ruber face ELORA No. 1619E
- ash handle
- high grade tool steel C45 / 1.0503

Code	Number	Hammer head Ø mm	Length hammer head Ø mm	l/mm	Productinformation	Pieces	Weight/g
1613000000000	1613	28	160	330	Fender bumping hammer	1	680
1614000000000	1614	40 x 30	155	300	Bumping hammer	1	430
1619000000000	1619	55 x 33	140	395	Combination mallet and Bumping hammer with replaceable rubber face	1	1000
1619000007000	1619E	55	50	-	Spare rubber face for ELORA-No. 1619	1	140

1621-1636
HAND ANVIL

- forged
- blue lacquered, faces ground
- high grade tool steel C45 / 1.0503

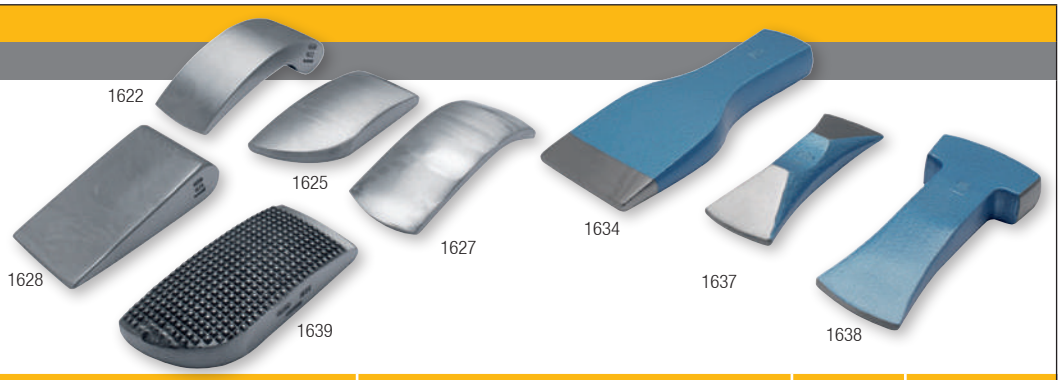


Code	Number	Productinformation	Measurement mm	Pieces	Weight/g
1621000000000	1621	General purpose dolly	75 x 63 x 55	1	1200
1623000000000	1623	Anvil dolly	62 x 80 x 70 x 100 x 40	1	1400
1624000000000	1624	Fender dolly	68 x 54 x 68	1	1200
1626000000000	1626	Dome dolly	125 x 85 x 55 x 43 x 33	1	1150
1629000000000	1629	Heel dolly	80 x 60 x 35	1	1050
1630000000000	1630	Toe dolly	105 x 66	1	950
1631000000000	1631	General purpose dolly	74 x 61 x 49	1	1100
1635000000000	1635	Diabolo dolly	60 x Ø 56 x Ø 56	1	750
1636000000000	1636	Round anvil	130 x 48 x Ø 58	1	930

You will find rubber mallets on page no. 364

1634-1639
WEDGE DOLLY

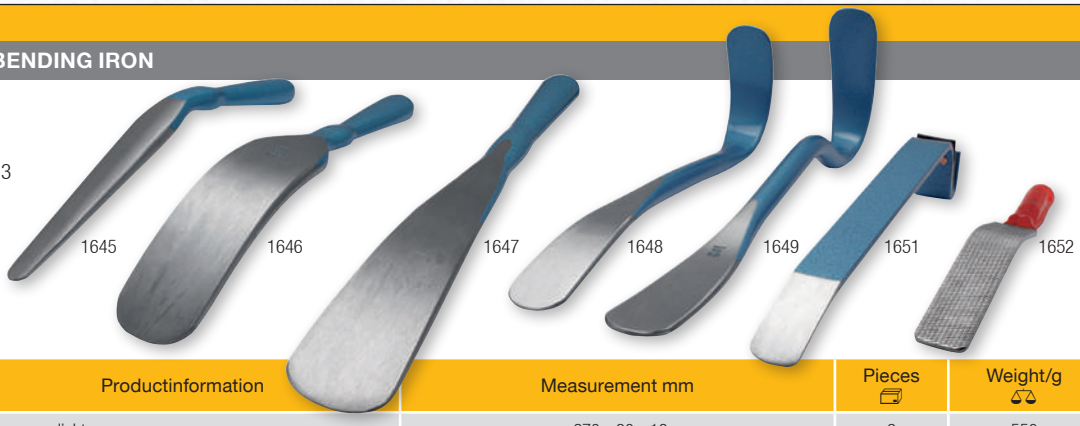
- forged
- blue lacquered, faces ground or checkquered
- high grade tool steel C45 / 1.0503



Code	Number	Productinformation	Measurement mm	Pieces	Weight/g
1622000000000	1622	Anvil dolly	130 x 55	1	950
1625000000000	1625	Fender dolly	120 x 56 x 21	1	760
1627000000000	1627	Curved dolly	145 x 52	1	550
1628000000000	1628	Grid dolly	112 x 64	1	900
1634000000000	1634	Wedge dolly	192 x 45 x 77	1	1600
1637000000000	1637	Wedge dolly	118 x 42	1	450
1638000000000	1638	Wedge dolly	135 x 48 x 46 x 26	1	850
1639000000000	1639	Grid dolly	125 x 55 x 25	1	1100

1645-1652
BODY SPOON AND BENDING IRON

- forged
- blue lacquered, faces ground
- high grade tool steel C45 / 1.0503



Code	Number	Productinformation	Measurement mm	Pieces	Weight/g
1645000000000	1645	Body spoon, light	270 x 30 x 18	2	550
1646000000000	1646	Body spoon, medium	300 x 50	2	850
1647000000000	1647	Body spoon, heavy	390 x 25 x 58	2	950
1648000000000	1648	Prybumping spoon, light	440 x 58 x 150	1	1900
1649000000000	1649	Prybumping spoon, heavy	500 x 58	1	2200
1651000000000	1651	Bending iron, leather insert	400 x 25 x 58	2	1000
1652000000000	1652	chequered tightening spoon	315 x 40	2	500

1650S6
BUMPING TOOL SET

- 6 pcs.
- in a black metal box 310 x 185 x 70 mm

Code	Number	Contents	Pieces	Weight/g
1650500067000	1650S6	1601 Planishing hammer 1626 Dome dolly 1629 Heel dolly 1635 Diabolo dolly 1636 Round anvil 1637 Wedge dolly	1	7200

1650S12

BUMPING TOOL SET

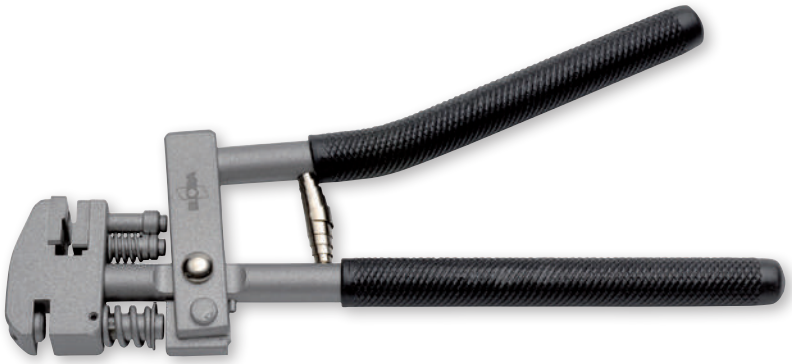
- 12 pcs.
- in a black metal box 310 x 185 x 70 mm

Code	Number	Contents	Pieces	Weight/g
1650500127000	1650S12	1601 Planishing hammer 1613 Fender bumping hammer 1615 Double bumping hammer 1626 Dome dolly 1629 Heel dolly 1635 Diabolo dolly 1636 Round anvil 1637 Wedge dolly 1640 Adj. file holder, without file 1641-7 File blade, medium, radial milled 1651 Bending iron, leather insert 1660-35 Soft faced hammer, 35 mm	1	12000

1644-20

PUNCH AND JOGGLER/ FLANGING TOOL

- for punching of body panels for MIG / MAG welding and flanging metal edges on overlap of seams
- flanging capacity: 11 mm, jaw width: 23 mm, stamp
- diameter: 5 mm
- for metal sheet up to 1 mm
- with swivel head and replaceable stamp
- lacquered, handles with PVC grips
- high grade tool steel



Code	Number	l/mm	Pieces	Weight/g
1644000207000	1644-20	290	1	1150

You will find seaming or bending pliers on page no. 328

You will find radiator drain sockets on page no. 429

You will find slit or body chisels on page no. 371

355-...

SPOT WELD DRILL

- for exact drilling of spot welds
- with self-cutting centre tip
- HSS

Code	Number	mm	l/mm	Pieces	Weight/g
0355000061000	355-6	6	66	1	19
0355000081000	355-8	8	79	1	25

354-...

SPOT WELD CUTTER

- to mill out spot welds without warping or tearing of the metal sheet
- compatible for standard drills
- interchangeable double-sided usable cutting crown
- HSS

Code	Number	l/mm	Productinformation	Pieces	Weight/g
0354000000000	354	70	Spot-weld cutter	1	20
0354000000001	354-1	-	Spare part cutter 10 mm	1	5
0354000000002	354-2	-	Spare part centre pin	1	3

You will find axial or grip pliers on page no. 342-351

1640

ADJUSTABLE FILE HOLDER

- for file blades ELORA-No. 1641 (delivery without file blade)
- adjustable pattern with clamping screw
- Aluminium

Code	Number	l/mm	Pieces	Weight/g
1640000000000	1640	360	1	500

1640H

FILE HOLDER FOR CAR BODY FILES

- for file blades ELORA-No. 1641 (delivery without file blade)
- wood

Code	Number	l/mm	Pieces	Weight/g
1640000008000	1640H	535	1	255

1641-...

CARBODY FILE BLADE

- for file holder ELORA-No. 1640 and 1640H

Code	Number	Productinformation	Teeth/Inch	l/mm	Pieces	Weight/g
1641000027000	1641-2	carbody file blade, coarse, diagonal milled	9	350	6	295
1641000037000	1641-3	medium, diagonal milled	12	350	6	285
1641000047000	1641-4	fine, diagonal milled	21	350	6	270
1641000067000	1641-6	coarse, radial milled	9	350	6	235
1641000077000	1641-7	medium, radial milled	12	350	6	255
1641000087000	1641-8	coarse pattern, radial milled, half round	9	350	6	225

290-1

DOOR PANELLING EXTRACTION TOOL

- for dismounting of the securing clips
- jaw open 6 mm
- zinc-plated, black plastic handles
- high grade tool steel
- matt chrome-plated

Code	Number	l/mm	Pieces	Weight/g
0290000100000	290-1	250	6	130

253
DOOR PANELLING EXTRACTION PLIER

- for dismounting of the securing clips on door panelling, garnish mouldings and bumpers
- nickel-plated, jaws and joint gunmetal-finish
- high grade tool steel

Code	Number	l/mm	Pieces	Weight/g
0253000000000	253	230	1	182

239
DOOR SPRING CLIP REMOVER

- for removing and inserting of the securing-clips of window cranks
- nickel-plated, jaws gunmetal-finish
- jaws made of high grade tool steel C75 / 1.0605

Code	Number	l/mm	Pieces	Weight/g
0239000000000	239	210	1	98

318-S5
MOUNTING WEDGE

- 5 pcs.
- carton box packed
- suitable for works on panelling, dash board and garnish mouldings
- special plastic POM, black

Code	Number	Contents	l/mm	Pieces	Weight/g
0318500051000	318-S5	Garnish moulding plastic-wedge, L= 195 mm, B= 30 mm Garnish moulding plastic-wedge, L= 195 mm, B= 60 mm Garnish moulding combination-wedge, L= 210 mm, B= 26 mm Garnish moulding wedge with felt, L= 250 mm, B= 20 mm Splitting and angular wedge, L= 250 mm, B= 20 mm	205	1	650

319
MOUNTING WEDGE

- for dismounting of the securing clips on door panelling and carpeting
- with pin punch to press dowel pins in clips
- special plastic POM, red

Code	Number	l/mm	Pieces	Weight/g
0319000000000	319	215	1	50

280-...

SUCTION LIFTER

- for lifting and carrying material with plain, gas-tight surfaces
- suction mechanism with security locking
- acid- and oil resistant
- ELORA-No. 280-40: one suction cup
- ELORA-No. 280-80: two suction cups
- plastic housing, suction cups made of rubber

Code	Number	Lifting Capacity	l/mm	Pieces	Weight/g
0280000400000	280-40	30 kg	120	1	320
0280000800000	280-80	60 kg	325	1	660

280G

SUCTION LIFTER WITH FLEXIBLE HEADS

- Especially suitable for car glass and domed surfaces
- suction mechanism with security locking
- acid- and oil resistant
- plastic housing, suction cups made of rubber

Code	Number	Lifting Capacity	l/mm	Pieces	Weight/g
0280010800000	280G	45 kg	390	1	750

You will find screwdriver, extra long on page no. 263

You will find TORX® hexagonal key with t-handle, extra long on page no. 253

270
BATTERY TESTER

- for diagnostics of the charging system and the voltage status of car and motorcycle batteries
- measuring range 6 and 12 Volt up to 1000 CCA
- easy to read scale, for up to 100 Ampere

Code	Number	Pieces	Weight/g
0270000000000	270	1	1220

270-D
BATTERY TESTER, DIGITAL

- for diagnostics of the charging system and starter motor system
- tests 12V battery ratings of 200 to 1000 CCS range
- easy to use: push one button to complete the test within 10 seconds
- bright LED digital display

Code	Number	Pieces	Weight/g
0270000001000	270-D	1	1340

252
BATTERY TERMINAL BRUSH

- with external round brush to clean the cable clamps and internal brush for cleaning battery terminals
- packed in plastic box

Code	Number	l/mm	Pieces	Weight/g
0252000000000	252	120	10	58

277
BATTERY ACID TESTER

- for testing the acid density on conventional batteries with screw caps
- with areometer

Code	Number	l/mm	Pieces	Weight/g
0277000000000	277	350	1	68

287
BATTERY ACID FILLER

- for filling conventional batteries with screw caps
- with rubber ball and PVC tube
- acid-resistant

Code	Number	l/mm	Pieces	Weight/g
0287000000000	287	150	1	40

278
PLASTIC BOTTLE

- for distilled water
- plastic

Code	Number	Contents ccm	Pieces	Weight/g
0278000000000	278	1000	1	54

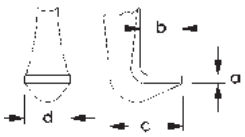
240S12
BATTERY SERVICE TOOL KIT

- 12-pcs.
- for battery maintenance and service
- box made from heavy gauge sheet steel, with handle
- black laquered

Code	Number	Contents	Pieces	Weight/g
0240000000000	240S12	Double Open Ended Spanner, ELORA-100-10x13 mm Waterpump Plier, ELORA-130MB-240 Terminal Puller, ELORA-174-50 Terminal brush, ELORA-252 Battery Testing unit, ELORA-270 Battery acid tester, ELORA-277 2 Battery plastic bottles, ELORA-278 Cable knife, ELORA-281 Battery acid filler, ELORA-287 Screwdriver , ELORA-539-IS 150 Combination Plier, ELORA-495BI-205	1	4700

174-50
BATTERY TERMINAL PULLER

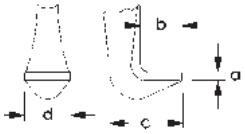
- for pulling off battery terminals, ball bearings, gear-wheels, etc.
- 2 arms
- 10 mm wrench size
- zinc-plated, spindle gunmetal-finish
- high grade tool steel



Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174000506100	174-50	10-60	1	5	12	8	40	1	160

174-80/2
BATTERY TERMINAL PULLER

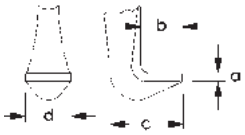
- for pulling off battery terminals, ball bearings, gear-wheels, etc.
- 2 arms
- 12 mm wrench size
- zinc-plated, spindle gunmetal-finish
- high grade tool steel



Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174008026100	174-80/2	10-90	1,8	10	20	12	84	1	310

174-80/3
BATTERY TERMINAL PULLER

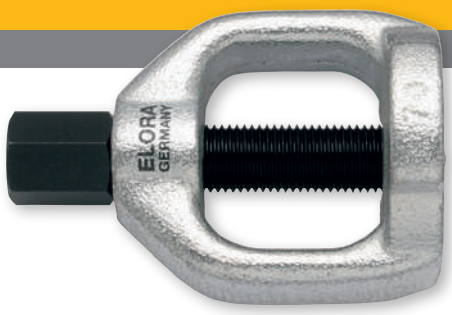
- for pulling off battery terminals, ball bearings, gear-wheels, etc.
- 3 arms
- 12 mm wrench size 12 mm
- zinc-plated, spindle gunmetal-finish
- high grade tool steel



Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174008036100	174-80/3	10-90	1,8	10	20	12	84	1	445

168-...
JOINT BOLT PULLER

- for gentle removing of ball joint pivots on steering tie rods and stabilizers
- zinc-plated, gunmetal-finish
- high grade tool steel



Code	Number	Jaw opening mm	Height mm	Spread mm	mm	Pieces	Weight/g
0168000186100	168-18	18	40	40	17	1	300
0168000236100	168-23	25	50	50	17	1	700
0168000296100	168-29	29	60	60	19	1	1000
0168000406100	168-40	40	80	80	22	1	2100
0168000466100	168-46	45	100	90	27	1	2800

169-...

JOINT BOLT PULLER

- for gentle removing of ball joint pivots on steering tie rods and stabilizers
- zinc-plated, gunmetal-finish
- high grade tool steel

Code	Number	Jaw opening mm	max. Span Width mm	mm	Pieces	Weight/g
0169000506100	169-50	24	50	17	1	1400
0169000806100	169-80	24	80	17	1	1800
0169000906100	169-90	36	90	22	1	3700
0169001156100	169-115	45	115	27	1	6400

328

JOINT BOLT PULLER

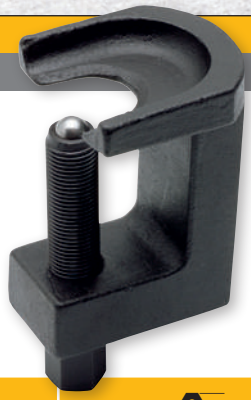
- for gentle removing of ball joint pivots on steering tie rods and stabilizers
- zinc-plated
- high grade tool steel

Code	Number	Span Width mm	l/mm	mm	Pieces	Weight/g
0328000506100	328	50	100	19	1	750

323-...

JOINT BOLT PULLER

- for gentle removing of ball joint pivots on steering tie rods and stabilizers
- suitable for difficult to reach areas
- zinc-plated, gunmetal-finish
- high grade tool steel



Code	Number	Jaw opening mm	Span Width mm	mm	Pieces	Weight/g
0323000236100	323-23	23	55	17	1	800
0323000286100	323-28	28	55	17	1	800
0323000346100	323-34	34	63	19	1	900

175-...

HUB PULLER

- for vehicle hubs with a bolt circle diameter up to 225 mm
- pulling legs movable and replaceable
- nickel-plated, spindle gunmetal-finish
- Chrome-Vanadium 31CrV3 / 1.2208

Code	Number	Legs	Bolt Circle mm	Pieces	Weight/g
0175000033000	175-3	3	to 225	1	5400
0175000053000	175-5	5	to 225	1	6800

314S3

V-BELT PULLEY PULLER SET

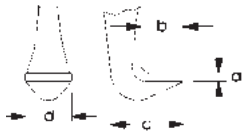
- 15 pcs. for following applications:
- Variant 1 for V-belt pulleys with threaded holes
- 1 short beam for V-belt pulleys Ø 43-120 mm
- 1 long beam for V-belt pulley Ø 95-210 mm
- 3 exchangeable push-pieces to use as spindle extension
- Variant 2 for V-belt pulley without threaded holes
- 1 short beam for V-belt pulleys Ø 24-100 mm
- 1 long beam for V-belt pulley Ø 85-195 mm
- Hooks for narrow spaces for clamping depth up to 68 mm, respectively extension up to 88 mm
- Variant 3 with 2 hooks to reach the rills of the V-belt pulley
- 1 short beam for V-belt pulleys Ø 80-140 mm
- 1 long beam for V-belt pulley Ø 135-235 mm
- in a black plastic case 260 x 210 x 62 mm
- high grade tool steel, zinc-plated
- spindle and push-pieces gunmetal-finish

Code	Number	max. Span Width mm	max. depth mm	Pieces	Weight/g
0314500306100	314S3	195	88	1	2740

172-...

PULLER

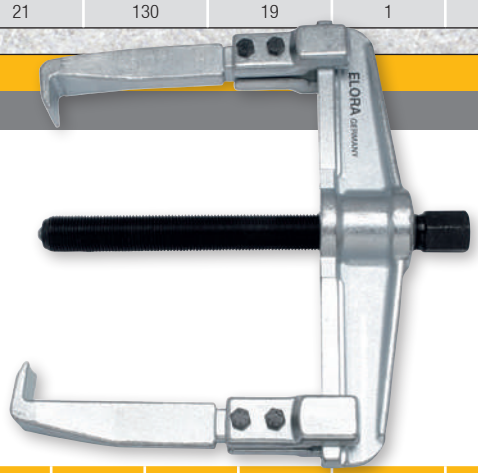
- 2 legs, heavy-duty pattern, silver-coloured, puller legs to be used on both sides: one side with wide, the other side with narrow hooks
- zinc-plated, spindles gunmetal-finish
- high grade tool steel



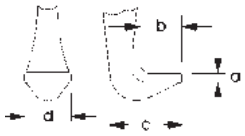
Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Opening mm	mm	Pieces	Weight/g
0172001506100	172-150	20-150	2	9	21	12	85	17	1	900
0172002006100	172-200	40-220	4	11	25	21	130	19	1	2200

173-...

STANDARD PULLER



- heavy forged pattern
- 2 arms
- by turning the puller hooks usable as external and internal puller
- zinc-plated, spindle gunmetal-finish
- high grade tool steel



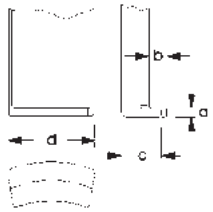
(further sizes on request)

Code	Number	External Tension mm	Interal Tension mm	Span depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0173000806100	173-80	20-90	70-130	100	3	13	25	20	17	1	1000
0173001306100	173-130	25-190	80-180	100	3	13	25	20	17	1	1200
0173001606100	173-160	50-160	105-220	150	4	16	35	25	22	1	3000
0173002006100	173-200	60-200	120-270	150	4	16	35	25	22	1	3200
0173002506100	173-250	80-250	160-330	200	5	25	54	35	27	1	7400
0173003506100	173-350	80-350	160-420	200	5	25	54	35	27	1	8500
0173005206100	173-520	110-520	195-600	200	5	25	54	35	27	1	13000
0173006406100	173-640	140-640	225-715	225	5	25	54	35	27	1	15700

173K-...

STANDARD PULLER

- heavy-duty, forged pattern
- 2 arms, with very narrow forged pulling hooks
- especially suitable for difficult to reach areas
- zinc-plated, spindle and pulling hook end gunmetal-finish
- high grade tool steel



(further sizes on request)

Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0173020806100	173K-80	20-90	100	3,6	8	14	28	17	1	1000
0173021306100	173K-130	25-130	100	3,6	8	14	28	17	1	1200
0173021606100	173K-160	50-160	150	5	7,5	15	40	22	1	2900
0173022006100	173K-200	60-200	150	5	7,5	15	40	22	1	3300

173S

PULLER SET

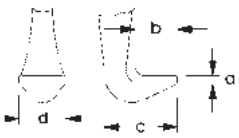
- 2 arms with 3 pairs of hooks in different lengths
- especially suitable for difficult to reach areas
- zinc-plated, spindle and pulling hook end gunmetal-finish
- high grade tool steel

Code	Number	Contents	Pieces	Weight/g
0173500006100	173S	1 Bridge, Span width 25-130 mm 1 Spindle, Thread length 130 mm 2 Puller hooks, opening 100 mm 2 Puller hooks, opening 200 mm 2 Puller hooks, opening 250 mm	1	7980

176-...

PULLER

- for pulling off ball bearings, gear-wheels, discs, etc.
- heavy-duty, forged pattern
- 2 arms
- zinc-plated, spindle gunmetal-finish
- high grade tool steel

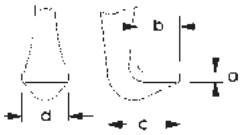


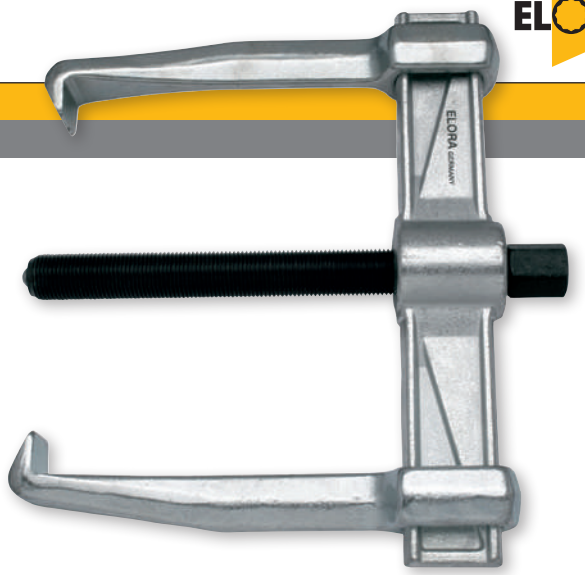
Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0176001006100	176-100	18-100	85	2	10	20	14	12	1	400
0176002006100	176-200	20-200	150	3	14	25	18	17	1	1200
0176002506100	176-250	35-250	220	4	20	36	25	19	1	2800
0176003006100	176-300	50-300	250	5	25	48	30	22	1	5400
0176003506100	176-350	50-350	350	5	25	48	30	22	1	6100
0176004006100	176-400	50-400	400	5	25	48	30	22	1	6400
0176004506100	176-450	50-450	450	5	25	48	30	22	1	6900
0176005006100	176-500	50-500	500	5	25	48	30	22	1	7000

317-...

STANDARD PULLER

- for pulling off ball bearings, gear-wheels, discs, etc.
- heavy-duty, forged pattern
- 2 arms
- by turning the puller hooks usable as external and internal puller
- zinc-plated, spindle gunmetal-finish
- high grade tool steel



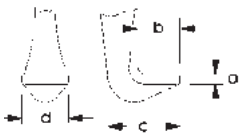


Code	Number	Extrenal Tension mm	Interal Tension mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0317000806100	317- 80	15-80	70-130	100	3	12	22	22	17	1	900
0317001206100	317-120	15-120	80-170	100	3	12	22	22	17	1	1000
0317001606100	317-160	20-160	110-210	150	4	18	30	29	22	1	2700
0317002006100	317-200	20-200	120-250	150	4	18	30	29	22	1	3000
0317002506100	317-250	40-250	170-300	200	6,5	23	43	38	27	1	6500
0317003506100	317-350	40-350	190-400	200	6,5	23	43	38	27	1	7600

320-...

PULLER

- for pulling off ball bearings, gear-wheels, v-belt pullers etc.
- 3 arms, with double-sided useable hook ends
- zinc-plated, spindle gunmetal-finish
- high grade tool steel

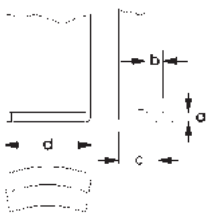


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0320001506100	320-150	20-150	85	2	9	21	12	17	1	1170
0320002006100	320-200	40-220	130	4	11	25	21	19	1	2760

322-...

PULLER

- for pulling off ball bearings at difficult to reach areas
- with particularly narrow hooks
- automatical fitting of the hooks due to scissor effect
- zinc-plated, spindle gunmetal-finish
- high grade tool steel

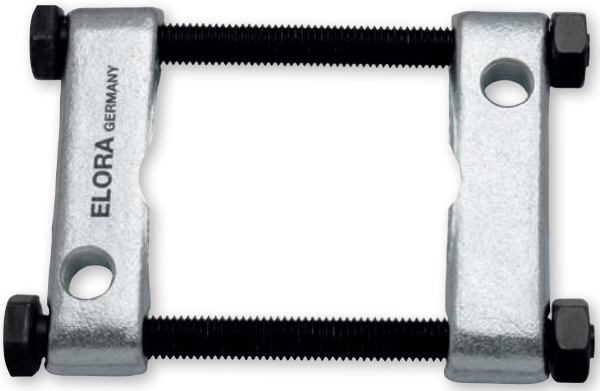


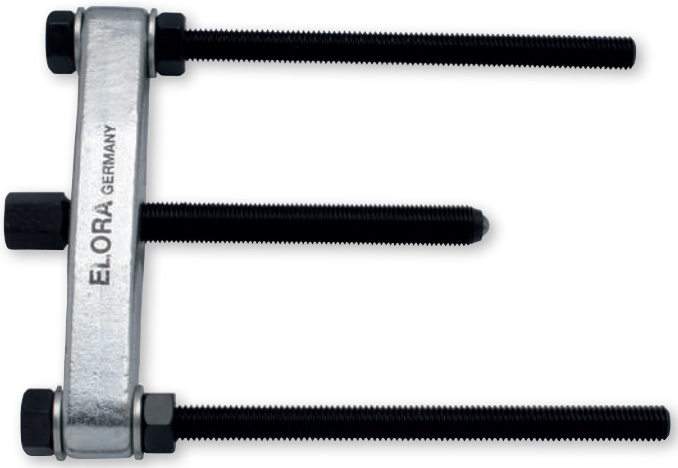
Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0322001006100	322-100	6-100	70-85	2,5	4,5	8,5	23	12	1	400
0322001406100	322-140	10-140	85-120	3,5	5	10	31	17	1	900

325, 326

SEPARATOR WITH TAPERED BLADES

- for pulling off ball and roller bearings and close-fitting components
- zinc-plated, spindles gunmetal-finish
- high grade tool steel



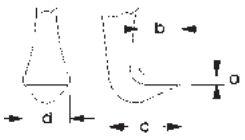


Code	Number	Ø mm	for separator	mm	mm	Pieces	Weight/g
0325000606100	325-60	5-60	326-45	17	M12	1	300
0325000756100	325-75	12-75	326-45	19	M12	1	700
0325001156100	325-115	22-115	326-80	24	M16	1	1900
0325001506100	325-150	25-155	326-100	30	M20 x 1,5	1	3900
0326000456100	326-45	45-140	-	17	M12	1	1160
0326000806100	326-80	55-205	-	22	M16	1	2700
0326001006100	326-100	90-260	-	22	M20 x 1,5	1	5200

177-...

PULLER

- for pulling off ball bearings, gear-wheels, v-belt pulley etc.
- heavy-duty, forged pattern
- 3 arms
- zinc-plated, spindle gunmetal-finish
- high grade tool steel

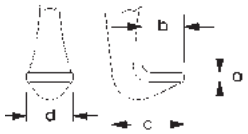


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0177001006100	177-100	18-100	85	2	10	20	14	12	1	500
0177002006100	177-200	20-200	150	3	14	25	18	17	1	1700
0177002506100	177-250	35-250	220	4	20	36	25	19	1	3900
0177003006100	177-300	50-300	250	5	25	48	30	22	1	7300
0177003506100	177-350	50-350	350	5	25	48	30	22	1	8300
0177004006100	177-400	50-400	400	5	25	48	30	22	1	8800
0177004506100	177-450	50-450	450	5	25	48	30	22	1	9400
0177005006100	177-500	50-500	500	5	25	48	30	22	1	10000

327-...

UNIVERSAL PULLER

- heavy-duty, forged pattern
- 3 arms
- by turning the puller hooks usable as external and internal puller
- zinc-plated, spindle gunmetal-finish
- high grade tool steel

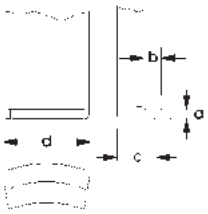


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0327000806100	327-80	20-90	100	3	13	25	20	17	1	1300
0327001306100	327-130	25-130	100	3	13	25	20	17	1	1500
0327001606100	327-160	50-160	150	4	16	35	25	22	1	3500
0327002006100	327-200	60-200	150	4	16	35	25	22	1	3900

327K-...

UNIVERSAL THREE LEG PULLERS WITH HOOKS

- heavy duty, forged pattern
- 3 arms with very narrow forged hooks
- by turning the puller hooks usable as external and internal puller
- zinc-plated, spindle and hook ends gunmetal-finish
- high grade tool steel



Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0327020806100	327K-80	20-90	100	3,6	8	14	28	17	1	1300
0327021306100	327K-130	25-130	100	3,6	8	14	28	17	1	1500
0327021606100	327K-160	50-160	150	5	7,5	15	40	22	1	3500
0327022006100	327K-200	60-200	150	5	7,5	15	40	22	1	3900

372-...

INTERNAL EXTRACTOR

- for extracting close-fitting ball-bearings over the inner bearing ring
- to use with counter support ELORA-No. 373
- gunmetal-finish
- high grade tool steel

Code	Number	for Ø mm	Pieces	Weight/g
0372000056100	372-5	5-7	1	50
0372000076100	372-7	7-9	1	50
0372000106100	372-10	10-13	1	50
0372000146100	372-14	14-19	1	90
0372000206100	372-20	20-25	1	110
0372000256100	372-25	25-30	1	120
0372000306100	372-30	30-37	1	280
0372000386100	372-38	38-45	1	290
0372000406100	372-40	40-75	1	760
0372000716100	372-70	70-115	1	1400

373-...

COUNTER SUPPORT

- counter support for internal extractor ELORA-No. 372
- zinc-plated, spindle gunmetal-finish
- high grade tool steel

Code	Number	for extractor	mm	Pieces	Weight/g
0373000056100	373-5	372-5 until 372-38	12	1	700
0373000356100	373-35	372-40	19	1	1500
0373000706100	373-70	372-40 and 372-70	19	1	3700

372S9

INTERNAL EXTRACTOR SET

- 9 pcs.
- for extracting ball-bearings, ball-bearingrings and bushinger with a bore diameter of Ø 10–75 mm
- high grade tool steel
- in a black metal box 400 x 310 x 70 mm with a plastic insert

Code	Number	Contents	Pieces	Weight/g
0372500906100	372S9	372-10, 372-14, 372-20, 372-25, 372-30, 372-38, 372-40, 373- 5, 373-35	1	6600

372S13

PULLER SET

- 13 pcs.
- 3 Universal pullers for outside Ø 10-160 mm
- 7 internal pullers for bores Ø 10-75 mm
- 2 support braces
- 1 pulling chock
- high grade tool steel

Code	Number	Contents	Pieces	Weight/g
0372501306100	372S13	174-50 173-80, 173-160, 372-10, 372-14, 372-20, 372-25, 372-30, 372-38, 372-40, 373-5, 373-35, 1 Pulling chuck	1	15500

324S15

WINDSCREEN WIPER ARM PULLER SET

- 15 pcs.
- for removing screen wiper arms
- heavy-duty, forged pattern
- zinc-plated, spindle gunmetal-finish
- high grade tool steel
- in black plastic box 260 x 210 x 68 mm with a plastic foam insert

Code	Number	Contents	Width mm	Depth mm	Height mm	Pieces	Weight/g
0324501506100	324S-15	1 Bridge with spindle 1 puller with hooks 2 special hooks 1 spindle support 1 hollow push piece for wipes with water jet in the centre of the hub 1 spindle extension 8 hooks	260	68	210	1	2200

325S-...

PULLER/SEPARATOR SET

- containing one puller, one separator and one set of drawbar extensions
- zinc-plated, spindle gunmetal-finish
- dimensions:
  25S-60, 325S-80: 265 x 197 x 45 mm
  325S-100: 380 x 285 x 60 mm
  325S-150: 417 x 380 x 75 mm

Code	Number	Contents	Opening mm	Span Ø mm	Pieces	Weight/g
0325500606100	325S-60	Extension 1 piece each 325-60, 326-45	150	5-60	1	3000
0325500806100	325S-80	Extension 1 piece each 325-75, 326-45	150	12-75	1	4000
0325501006100	325S-100	Extension 1 piece each 325-115, 326-80	210	22-115	1	9000
0325501506100	325S-150	Extension 1 piece each 325-150, 326-100	315	25-155	1	15000

1300...

TOOL KIT

- 16 pcs.
- in strong black storage wallet

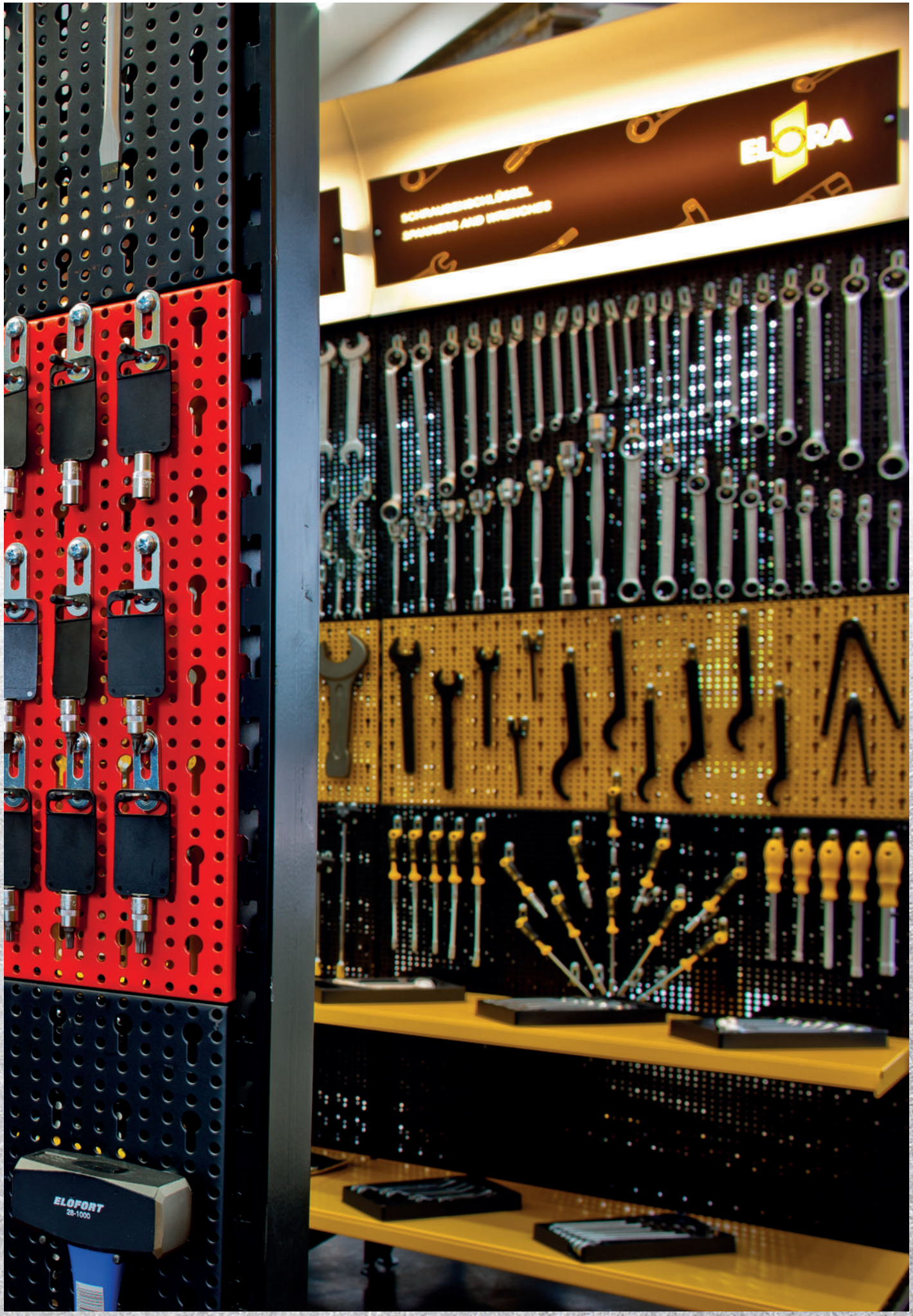
Code	Number	Contents	Pieces	Weight/g
1300500161000	1300M	Double Open-Ended Spanners 100M 8 × 9, 10 × 11, 12 × 13, 14 × 17, 19 × 22 mm Spark Plug Wrench 222-16 × 20,8 Four way wheel nut wrench 195-CV17 Waterpump plier 132-240 2K Combination plier 495-BI185 2K Engineers Screwdriver 545-IS100 2K Screwdriver for cross slot screws 547-PH2 Engineers hammer 1665-300 Flat cold chisel 260-150 Centre punch 265-12 Contact file 249 Spark plug cleaning brush 251	1	3800
1300510161000	1300A	Double Open-Ended Spanners 100A- 5/16 × 3/8, 7/16 × 1/2, 9/16 × 5/8, 11/16 × 3/4, 13/16 × 7/8 af Spark Plug Wrench 222-16 × 20,8 Four way wheel nut wrench 195-CV17 Waterpump plier 132-240 2K Combination Plier 495-BI185 2K Engineers Screwdriver 545-IS100 2K Screwdriver for cross slot screws 547-PH2 Engineers hammer 1665-300 Flat cold chisel 260-150 Centre punch 265-12 Contact file 249 Spark plug cleaning brush 251	1	3800

1301-...1302M

TOOL KIT

- 13 + 15 pcs.
- in strong black storage wallet

Code	Number	Contents	Pieces	Weight/g
1301500151000	1301M	Double Open-Ended Spanners 100- 8 × 9, 10 × 11, 12 × 13, 14 × 17, 19 × 22 mm Spark Plug Wrench 222-16 × 20,8 Waterpump Plier 132-240 2K Combination Plier 495-BI185 2K Engineers Screwdriver 545-IS100 2K Screwdriver for cross slot screws 547-PH2 Engineers hammer 1665-300 Flat cold chisel 260-150 Centre punch 265-12 Contact file 249 Spark plug cleaning brush 251	1	2600
1301510151000	1301A	Double Open-Ended Spanners 100A- 5/16 × 3/8, 7/16 × 1/2, 9/16 × 5/8, 11/16 × 3/4, 13/16 × 7/8 af Spark Plug Wrench 222-16 × 20,8 Waterpump Plier 132-240 2K Combination Plier 495-BI185 2K Engineers Screwdriver 545-IS100 2K 2K Screwdriver for cross slot screws 547-PH2 Engineers hammer 1665-300 Flat cold chisel 260-150 Centre punch 265-12 Contact file 249 Spark plug cleaning brush 251	1	2600
1302500131000	1302M	Double Open-Ended Spanners 100M- 7 × 8, 10 × 12, 13 × 14, 17 × 19 mm Spark plug wrench 229-16 × 100 Tommy Bar 229D Waterpump Plier 132-240 2K Combination Plier 495-BI185 2K Engineers Screwdriver 545-IS75 2K Engineers Screwdriver 545-IS100 2K Screwdriver for cross slot screws 547-PH2 Contact file 249 Spark plug cleaning brush 251	1	2900


ELORA
ELOFORT
28-1000

ELORA 189-M
SVENFLEX H.S.S.

13 DIFFERENT TOOLS

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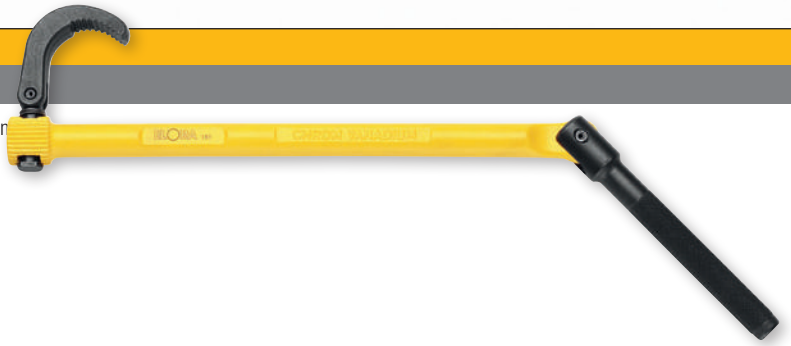
301-...
CHAIN PIPE CUTTER

- for cutting tubes from Ø 15 - 75 mm und 2,5 mm wall thickness
- easy adjustment during the cutting operation by large thumb screw
- Spare chain ELORA No. 301E
- ELORA-No. 524E is an extension and a replace chain at the same time
- quick release lever with return spring
- Tempered steel, cutting wheel made of high alloy special steel

Code	Number	for pipes Ø mm	l/mm	Pieces	Weight/g
0301002503000	301-250	15-75	250	1	805
0301003003000	301-300	15-75	300	1	1020
0301400003000	301E		300	1	190

181
BASIN NUT WRENCH

- for loosening and tightening the nuts of water faucets on the bottom of the washing- or hand basin
- forged shank with swivel-handle and steel claw
- yellow powder coated, gun metal finish claw and knob
- ELORA Chrome-Vandium 31CrV3 / 1.2208



Code	Number	l/mm	Pieces	Weight/g
0181000000000	181	240	1	500

139
SPUD WRENCH

- for the assembly of valve nipples in heating units for 3/8“, 1/2“, 3/4“, 1“ and 4 intermediate steps
- with 1/2“ square drive, chrome plated
- high grade tool steel

Code	Number	Pieces	Weight/g
0139000001000	139	1	135

65-...
TUBING CUTTER

- for thick-walled metal tubes
- with a cutting wheel and two guide rollers
- 65-2 body steel forged / 65-4 spheroidal graphite iron
- with spring loading system and ICS-wheel quick-change system
- Cutting wheel made of high alloy special steel

Code	Number	l/mm	for pipes Ø	Pieces	Weight/g
0065200026000	65-2	390	10-60 mm / 1/8-2“	1	2250
0065200046000	65-4	560	60-114 mm / 1.1/4-4“	1	7600
0065200126000	65S-2	spare cutting wheel for ELORA-No. 65-2		1	30
0065200146000	65S-4	spare cutting wheel for ELORA-No. 65-4		1	56
0065200326000	65-B2	spare bolt for ELORA-No.65-2		1	19
0065200346000	65-B4	spare bolt for ELORA-No.65-4		1	28

179-16

PIPE CUTTER

- for thin-walled metal tubes
- with a cutting wheel and two guide rollers
- with steel bearing spindle and ICS-wheel quick-change system
- yellow powder coating
- made of zinc die-cast

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0179000166100	179-16	55	3-16 mm / 1/8-5/8“	1	105
0179001166100	179S-16	spare cutting wheel		1	6
0179002166100	179B-16	spare bolt		1	3

180-35

PIPE CUTTER 3-36 MM MADE OF MAGNESIUM DIE CAST

- for thin-walled metal tubes
- with 4 guiding rolls + ICS-wheel quick-change system
- with integrated burr remover with NOGA wheel
- with steel bearing spindle
- Spare wheel in rotary knob cap

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0180000356100	180-35	160	3-36 mm - 1/8-1.3/8“	1	335
0180001356100	180-S35	spare cutting wheel		1	5
0180002356100	180-B35	spare bolt		1	3

180-76

PIPE CUTTER 6-76 MM MADE OF DIE CAST ALUMINIUM

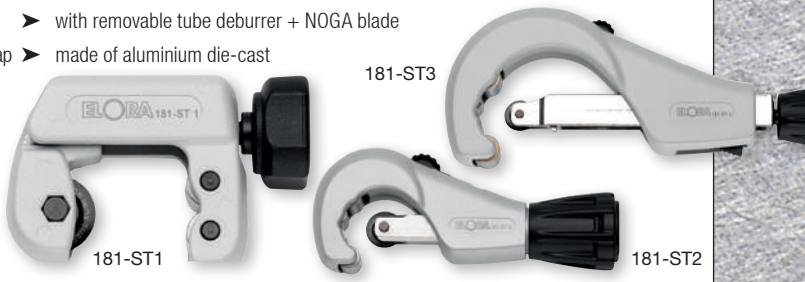
- with built-in wheel ELORA-No. 180-S76B 30 x 6,2 mm for plastic and composite tubes
- Spare wheel in rotary knob cap ELORA-No. 180-S76A for thin-walled metal tubes 19 x 6,2 mm
- with 4 guiding rolls + ICS-wheel quick-change system
- Spare wheel in rotary knob cap
- with rapid feed

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0180000766100	180-76	250	6-76 mm / 1/4-3“	1	335
0180001766100	180-S76A	spare cutting wheel for thin-walled metal tubes		1	9
0180001766101	180-S76B	pare cutting wheel for plastic and composite tubes		1	6
0180002766100	180-B76	spare bolt		1	3

181-ST...

PIPE CUTTER FORT THIN-WALLED METAL TUBES

- 181-ST1-especially suitable for V2A tubes
- with 2 needle bearing guide rollers made of stainless steel
- with needle bearing cutting wheel for 2A pipes including spare wheel in the turning knob cap
- with steel bearing spindle and ICS wheel quick-change system
- ergonomic rotary knob with integrated spare cutting wheel
- made of die-cast zinc
- 181-ST2-as above, however with 4 needle guide rollers made of stainless steel
- with removable tube deburrer + NOGA blade
- made of magnesium die-cast
- 181-ST3-as above, however with 4 needle guide rollers made of stainless steel
- with removable tube deburrer + NOGA blade
- made of aluminium die-cast



Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0181000017000	181-ST1	75	3-30 mm / 1/8-1.1/8“	1	215
0181000027000	181-ST2	160	3-35 mm / 1/8-1.3/8“	1	335
0181000037000	181-ST3	250	6-76 mm / 1/4-3“	1	880
0181000017100	181-ST S1/S2	spare cutting wheel for 181-ST1/ST2		1	5
0181000037100	181-ST S3	spare cutting wheel for 181-ST3		1	6
0181000117100	181-ST B1/B2/B3	spare bolt for 181-ST 1/2/3		1	3

182-26

PLASTIC TUBE SNIP

- for plastic- and composite tubes with 1 stainless steel wheel PTFE coated
- suitable for PE-, PP-, PVC-, PB- and VPE tubes and hoses
- for clean, right-angled cuts
- made of magnesium die-cast

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0182000260000	182-26	200	0-26 mm / 0-1“	1	235
0182400260000	182-E 26	spare blade		1	44
0182000006100	182-B	spare bolt		1	4

182-42

PLASTIC PIPE AND COMPOSITE PIPE CUTTING SCISSORS

- with 1 stainless steel blade, PTFE coated
- suitable for PE-, PP-, PVC-, PVDF-, PB- and PU pipes and hoses
- for clean, right-angled cuts
- with ratchet feed
- made of magnesium die-cast

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0182000420000	182-42	200	0-42 mm / 0-1.5/8‘	1	430
0182400420000	182-E 42	spare blade		1	84
0182000006100	182-B	spare bolt		1	4

182-63

PLASTIC PIPE AND COMPOSITE PIPE CUTTING SCISSORS

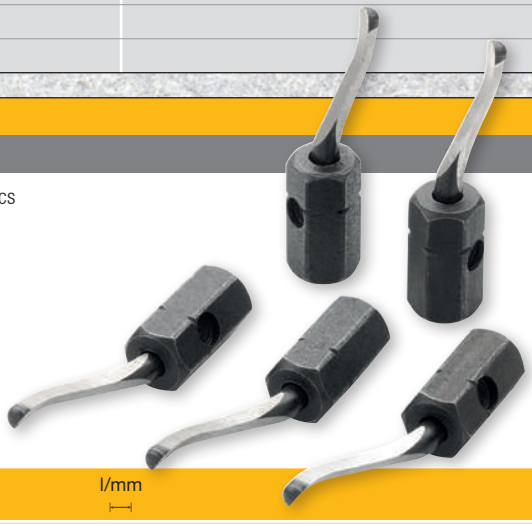
- for tubes up to 63 mm / 2. For tubes with 50 mm diameter or smaller with 1 stainless steel blade PTFE coated
- for plastic pipe and composite pipe cutting scissors with in 2 positions adjustable tube approaching system
- suitable for PE-, PP-, PVC-, PVDF-, PB- and VPE- pipes and hoses
- for clean, right-angled cuts
- with ratchet feed
- made of magnesium die cast

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0182000630000	182-63	280	0-63 mm / 0-2.1/2“	1	610
0182400630000	182-E 63	spare blade		1	150
0182000006100	182-B	spare bolt		1	4

63-1

DEBURRING-BIT

- for effortless deburring of holes, slots and edges on metals and plastics
- special-bit (blade B12)
- hexagon drive acc. To DIN 3126 C 6,3, ISO 1173
- suitable for all 1/4‘‘-drive bit holders



Code	Number	l/mm	Pieces	Weight/g
0063000011000	63-1	25	12	25

64
DEBURRING OR PIPE CUTTER

- for inner and outer deburring of copper-, brass-, aluminium- or plastic tubes

Code	Number	l/mm	for pipe Ø	Pieces	Weight/g
0064000007000	64	48	3-40 mm / 1/8-1.1/2“	1	33

241EK
FLARING TOOL

- for beading of copper and light alloy tubes
- flaring cone 90° hardened, corresponds to 45° at the tube
- body made of zinc die-cast
- to use with clamping jaws ELORA No. 241EB-...

Code	Number	Pieces	Weight/g
0241000000000	241EK	1	660

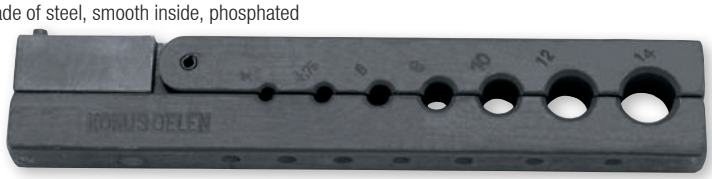
241EB-...
FLARING TOOL-CLAMPING JAWS

- to use with flaring tool ELORA-No. 241EK
- jaws made of steel, smooth inside, phosphated

Code	Number	for Flaring tool ELORA-No.	for pipes up to Ø mm	Pieces	Weight/g
0241010016000	241EB-1	241-1	4-14	1	630
0241010096000	241EB-9	241-9	15-19	1	695

241-...
FLARING TOOL WITH CLAMPING JAWS

- for beading of copper and light alloy tubes
- flaring cone 90 ° hardened, corresponds to 45° at the tube
- body made of zinc die-cast
- jaws made of steel, smooth inside, phosphated



Code	Number	for tubes outside Ø mm	Pieces	Weight/g
0241000016000	241-1	4, 4,75, 6, 8, 10, 12, 14	1	1350
0241000096000	241-9	15, 16, 17, 18, 19	1	1430
0241000006000	241D	Pressure part for flaring jaws 180°	1	20

241SB-...

CUTTING AND FLARING SET

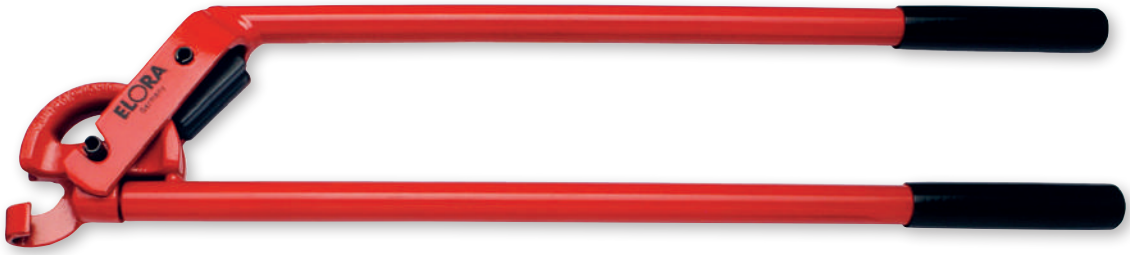
- 3 pcs.
- for beading of copper and light alloy tubes
- flaring cone 90 ° hardened, corresponds to 45 ° at the tube
- body made of zinc die-cast
- jaws made of steel, smooth inside, phosphated
- pipe cutter with a cutting wheel and two guide rollers
- ergonomic rotary knob with integrated trim knife
- painted, gun metal finish spindle
- cutting wheel made of high alloy special steel

Code	Number	Contents	Pieces	Weight/g
0241020016000	241SB-1	Flaring tool with jaw 241-1 for Tubes outside ø 4, 4,75, 6, 8, 10, 12, 14 mm Tubing cutter 179-35	1	2600
0241020096000	241SB-9	Flaring tool with jaw 241-9 for Tubes outside ø 15, 16, 17, 18, 19 mm Tubing cutter 179-35	1	2700

406-...

COPPER TUBE BENDING PLIER

- for bends up to 90°
- for thin-walled bendable steel pipes or copper pipes
- with plastic handle protectors



Code	Number	l/mm	for pipes up to Ø mm	Pieces	Weight/g
0406000120000	406-12	515	12	1	1300
0406000150000	406-15	665	15	1	2400
0406000160000	406-16	665	16	1	2400
0406000220000	406-22	950	22	1	5600

408

STEP ARBOR

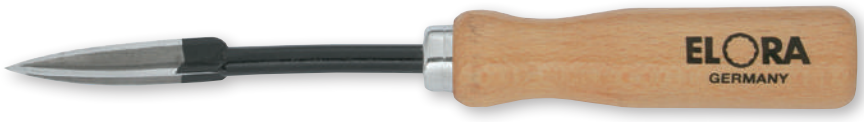
- for expanding copper tubes
- black, made of special steel

Code	Number	l/mm	Expanding steps Ø mm	Pieces	Weight/g
0408000000000	408	940	10/12, 13/15, 16/18, 20/22, 25/28	1	950

272-...

THREE SQUARE HOLLOW GROUND SCRAPER

- black-painted version with wooden handle
- ground work surfaces
- heat-treated steel



Code	Number	mm	Blade Length Inch	Pieces	Weight/g
0272001506000	272-150	150	6	6	92
0272002006000	272-200	200	8	6	145
0272002506000	272-250	250	10	6	175
0272003006000	272-300	300	12	6	230

273-...

BEARING SCRAPER OR HOLLOW GROUND SCRAPER

- black-painted version with wooden handle
- ground work surfaces
- heat-treated steel

Code	Number	mm	Blade Length Inch	Pieces	Weight/g
0273001006000	273-100	100	4	6	64
0273001506000	273-150	150	6	6	94
0273002006000	273-200	200	8	6	130
0273002506000	273-250	250	10	6	200
0273003006000	273-300	300	12	6	280

274-...

THREE SQUARE HOLLOW SCRAPER

- black-painted version with wooden handle
- ground work surfaces
- heat treated steel
- DIN 8350, shape C

Code	Number	mm	Blade Length Inch	Pieces	Weight/g
0274000806000	274-80	80	3	6	35
0274001006000	274-100	100	4	6	68
0274001256000	274-125	125	5	6	74
0274001506000	274-150	150	6	6	104
0274001756000	274-175	175	7	6	114
0274002006000	274-200	200	8	6	140
0274002506000	274-250	250	10	6	195
0274003006000	274-300	300	12	6	220

276-...

HOLLOW SCRAPER

- black-painted version with wooden handle
- ground work surfaces
- heat treated steel
- DIN 8350, shape A

Code	Number	mm	Blade Length Inch	Pieces	Weight/g
0276002006000	276-200	200	8	6	210
0276002506000	276-250	250	10	6	265

290...

SEAL FLAT SCRAPER

- ground work surfaces
- non-slip QUATROLIT-2C-handle
- heat treated steel

Code	Number	Productinformation	mm	l/mm	Pieces	Weight/g
0290000000000	290	straight	155	260	6	115
0290000800000	290-80	straight	80	180	6	65
0290010800000	290-80G	cranked	60	160	6	65

207-...

THREE SQUARE FILE

- with tang and cut on three sides
- tapered
- 2-component handle
- according to DIN 7261, shape C

Code	Number	Cut	mm	Total Length mm	Blade Length Inch	Pieces	Weight/g
0207211501000	207-1x150	Bastard, Cut 1	150	240	6	6	82
0207212001000	207-1x200	Bastard, Cut 1	200	310	8	6	184
0207212501000	207-1x250	Bastard, Cut 1	250	360	10	6	345
0207221501000	207-2x150	Second, Cut 2	150	240	6	6	82
0207222001000	207-2x200	Second, Cut 2	200	310	8	6	184
0207222501000	207-2x250	Second, Cut 2	250	360	10	6	345
0207231501000	207-3x150	Smooth, Cut 3	150	240	6	6	82
0207232001000	207-3x200	Smooth, Cut 3	200	310	8	6	184
0207232501000	207-3x250	Smooth, Cut 3	250	360	10	6	345

208-...

ENGINEERS FILE

- with tang and cut on four sides
- tapered
- 2-component handle
- according to DIN 7261, shape D

Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
0208211501000	208-1x150	Bastard, Cut 1	150	240	6	6	52
0208212001000	208-1x200	Bastard, Cut 1	200	310	8	6	122
0208212501000	208-1x250	Bastard, Cut 1	250	360	10	6	195
0208221501000	208-2x150	Second, Cut 2	150	240	6	6	52
0208222001000	208-2x200	Second, Cut 2	200	310	8	6	122
0208222501000	208-2x250	Second, Cut 2	250	360	10	6	195
0208231501000	208-3x150	Smooth, Cut 3	150	240	6	6	52
0208232001000	208-3x200	Smooth, Cut 3	200	310	8	6	122
0208232501000	208-3x250	Smooth, Cut 3	250	360	10	6	195

246-...

RECTANGULAR FILE

- cut on three sides
- tanged
- 2-component handle
- according to DIN 7261, shape A

Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
0246211500000	246-1x150	Bastard, Cut 1	150	240	6	6	87
0246212000000	246-1x200	Bastard, Cut 1	200	310	8	6	201
0246212500000	246-1x250	Bastard, Cut 1	250	360	10	6	311
0246213000000	246-1x300	Bastard, Cut 1	300	430	12	6	452
0246221500000	246-2x150	Second, Cut 2	150	240	6	6	87
0246222000000	246-2x200	Second, Cut 2	200	310	8	6	201
0246222500000	246-2x250	Second, Cut 2	250	360	10	6	311
0246223000000	246-2x300	Second, Cut 2	300	430	12	6	452
0246231500000	246-3x150	Smooth, Cut 3	150	240	6	6	87
0246232000000	246-3x200	Smooth, Cut 3	200	310	8	6	201
0246232500000	246-3x250	Smooth, Cut 3	250	360	10	6	311
0246233000000	246-3x300	Smooth, Cut 3	300	430	12	6	452

247-...

HALF ROUND FILE

- cut on two sides
- tanged
- 2-component handle
- according to DIN 7261, shape E

Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
0247211500000	247-1x150	Bastard, Cut 1	150	240	6	6	81
0247212000000	247-1x200	Bastard, Cut 1	200	310	8	6	169
0247212500000	247-1x250	Bastard, Cut 1	250	360	10	6	279
0247213000000	247-1x300	Bastard, Cut 1	300	430	12	6	442
0247221500000	247-2x150	Second, Cut 2	150	240	6	6	81
0247222000000	247-2x200	Second, Cut 2	200	310	8	6	169
0247225000000	247-2x250	Second, Cut 2	250	360	10	6	279
0247230000000	247-2x300	Second, Cut 2	300	430	12	6	442
0247231500000	247-3x150	Smooth, Cut 3	150	240	6	6	81
0247232000000	247-3x200	Smooth, Cut 3	200	310	8	6	169
0247232500000	247-3x250	Smooth, Cut 3	250	360	10	6	279
0247233000000	247-3x300	Smooth, Cut 3	300	430	12	6	442

248-...

ROUND FILE

- with circumferential cut
- tanged
- 2-component handle
- according to DIN 7261, shape F

Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
0248211500000	248-1x150	Bastard, Cut 1	150	240	6	6	48
0248212000000	248-1x200	Bastard, Cut 1	200	310	8	6	102
0248212500000	248-1x250	Bastard, Cut 1	250	360	10	6	171
0248221500000	248-2x150	Second, Cut 2	150	240	6	6	48
0248222000000	248-2x200	Second, Cut 2	200	310	8	6	102
0248222500000	248-2x250	Second, Cut 2	250	360	10	6	171
0248231500000	248-3x150	Smooth, Cut 3	150	240	6	6	48
0248232000000	248-3x200	Smooth, Cut 3	200	310	8	6	102
0248232500000	248-3x250	Smooth, Cut 3	250	360	10	6	171

1344-...

HALF ROUND RASP

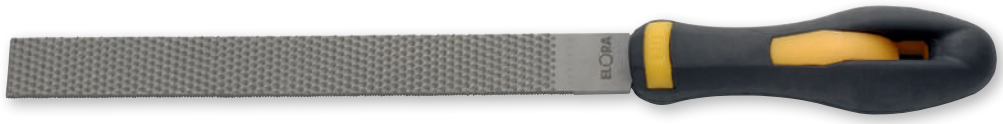
- rasp cut on two sides
- tapered
- 2-component handle
- according to DIN 7263, shape C

Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
1344212000000	1344-1x200	Bastard, Cut 1	200	310	8	6	172
1344212500000	1344-1x250	Bastard, Cut 1	250	360	10	6	281
1344222000000	1344-2x200	Second, Cut 2	200	310	8	6	172
1344222500000	1344-2x250	Second, Cut 2	250	360	10	6	281

1345-...

RECTANGULAR RASP

- Cut on 3 sides
- tapered
- 2-component handle
- according to DIN 7263, shape A

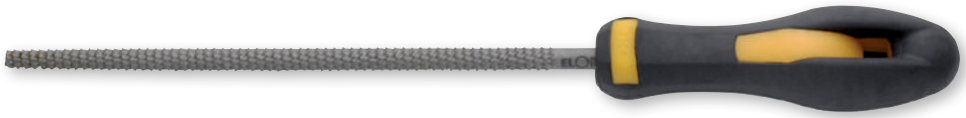


Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
1345222000000	1345-2x200	Second, Cut 2	200	310	8	6	190
1345222500000	1345-2x250	Second, Cut 2	250	360	10	6	332

1346-...

ROUND RASP

- with circumferential rasp cut
- tapered towards the tip
- 2-component handle
- according to DIN 7263, shape E



Code	Number	Cut	mm	l/mm	Blade Length Inch	Pieces	Weight/g
1346222000000	1346-2x200	Second, Cut 2	200	310	8	6	114
1346222500000	1346-2x250	Second, Cut 2	250	360	10	6	253

255 K-...

FILE AND RASP HANDLE

- 2-component handles as replacement part for Elora-No. 207, 208, 246, 247, 248, 1344, 1345, 1346

Code	Number	for Blade Length mm	for Blade Length Inch	l/mm	Pieces	Weight/g
0255020907100	255K-90	150	6	90	6	22
0255021107100	255K-110	200	8	110	6	36
0255021107101	255K-110/1	200 + 250	8 + 10	110	6	36
0255021257100	255K-125	300	12	130	6	42
0255021257101	255K-125/1	300 + 350	12 + 14	130	6	42

209 S5K

MACHINIST'S FILE SET

- 5-pcs. smooth cut file set (cut 2) with 2-component handle
- in plastic pouch
- according to DIN 7261

Code	Number	Productinformation	Pieces	Weight/g
0209500000001	209 S5K	1 piece each 207-2 × 200 208-2 × 200 246-2 × 200 247-2 × 200 248-2 × 200	1	780

1347-S160

NEEDLE FILE SET

- 6-pcs. second cut file set (cut 2)
- in plastic pouch

Code	Number	Pieces	Weight/g
1347501600000	1347-S160	6	65

254S-HK

KEY FILE SET WITH WOODEN HANDLE

- 5 pcs.
- in plastic pouch
- according to DIN 7283, shape A-F

Code	Number	l/mm	Pieces	Weight/g
0254000008000	254S-HK	100	6	115

254S-HB

KEY FILE SET WITH WOODEN HANDLE

- 6 pcs.
- in metal box
- according to DIN 7283, shape A-F

Code	Number	l/mm	Pieces	Weight/g
0254000018000	254S-HB	100	6	160

You will find contact files on page no. 434

You will find a contact file set on page no. 434

258...

THREAD RESTORING FILE

- for the repair of damaged internal and external threads
- nickel plated
- special steel
- for metric-, imperial- and SAE-threads

Code	Number	l/mm	Pieces	Weight/g
0258000015200	258 MM	230	6	130
0258000025200	258 AF	230	6	130
0258000035200	258 WW	230	6	130

Elora-Nr.	258 MM |-----ISO-----|		258 AF |-----WW (UNF, UNC)-----|		258 WW BSW/BSF
	pitch of thread mm	metric thread	turns up to 1"	Whitworth-pitch	turns up to 1"
	0,80	5	24	3/16 + 7/32	24
	1,00	6 + 7	20	1/4	20
	1,25	8 + 9	18	5/16	18
	1,50	10 + 11	16	3/8	16
	1,75	12	14	7/16	14
	2,00	14 + 16	13	1/2 + 9/16	12
	2,50	18, 20, 22	12	5/8 + 11/16	11
	3,00	24 + 27	11	3/4 + 13/16	10

You will find file hoders for car body files and car body file blades on page no. 449

250FB
FILE BRUSH

- working area 250 x 40 mm
- rugged wooden handle with wear-resistant steel wire spiked band

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0250000000000	250FB	250	10	6	80

250-...
WIRE BRUSH

- bristles made of smooth steel wire
- trim length 25 mm, V-shaped
- wooden handle with 2 hanging holes

Code	Number	Working Surface mm	l/mm	l/Inch	Pieces	Weight/g
0250000300000	250-3	3 rows, 145 / 4,0 Inch	295	12	6	50
0250000400000	250-4	4 rows, 145 / 4,0 Inch	295	12	6	66
0250000500000	250-5	5 rows, 145 / 4,0 Inch	295	12	6	68
0250000600000	250-6	6 rows, 145 / 4,0 Inch	295	12	6	70

250-ST...
WIRE BRUSH STAINLESS

- bristles made of crimped stainless steel wire
- trim length 25 mm, V-shaped
- Wooden handle with 2 hanging holes

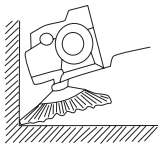
Code	Number	Working Surface mm	l/mm	l/Inch	Pieces	Weight/g
0250000301000	250-ST3	3rows, 145 / 4,0 Inch	295	12	6	50
0250000401000	250-ST4	4rows, 145 / 4,0 Inch	295	12	6	66
0250000501000	250-ST5	5rows, 145 / 4,0 Inch	295	12	6	68
0250000601000	250-ST6	6rows, 145 / 4,0 Inch	295	12	6	70

You will find a spark plug brush on page no. 442

You will find brushes for brake service on page on page no. 434

2865
CUP BRUSH

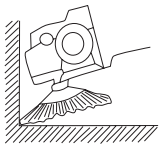
- internal thread M14 for mounting on angle grinders
- bristles made of corrugated steel wire Ø 0.3 mm
- max. speed 12500 rpm



Code	Number	Ø mm	Pieces	Weight/g
2865000000000	2865	60	1	140

2850
CUP BRUSHES, TWISTED WIRE

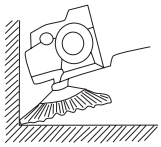
- internal thread M14 for mounting on angle grinders
- bristles made of twisted steel wire Ø 0.5 mm
- max. speed 12500 rpm



Code	Number	Ø mm	Pieces	Weight/g
2850000000000	2850	65	1	280

2855
KNOT WIRE WHEEL BRUSH

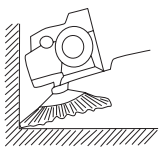
- arbor hole 22.2mm for mounting on angle grinders
- bristles made of knotted steel wire Ø 0,5 mm
- max. speed 12500 rpm



Code	Number	Ø mm	Pieces	Weight/g
2855000000000	2855	115	1	295

2860
KNOT CONE BRUSH

- internal thread M14 for mounting on angle grinders
- bristles made of hardened steel wire Ø 0,5 mm
- max. speed 12500 rpm



Code	Number	Ø mm	Pieces	Weight/g
2860000000000	2860	100	1	225

281-B
KNIFE / LEAD KNIFE

- riveted design with wooden handle
- straight blade

Code	Number	mm	l/mm	Pieces	Weight/g
0281000001000	281-B	65	180	6	50

281-T
SAFETY KNIFE

- fixed trapezoidal blade
- one blade ELORA-No. 281TK-52 included
- heavy duty design with black handle and blade magazine
- Handle made from die-cast aluminium
- Replacement blades see Elora No. 281TK-52 and 281HK-52

Code	Number	l/mm	Pieces	Weight/g
0281000101000	281-T	140	6	120

281-U
SAFETY KNIFE

- 3-position adjustable cutting depth
- trapezoidal blade fully retractable into the handle
- one blade ELORA-No. 281TK-52 included
- heavy duty design with black handle and blade magazine
- handle made from die-cast aluminium
- replacement blades see Elora No. 281TK-52 and 281HK-52

Code	Number	l/mm	Pieces	Weight/g
0281000201000	281-U	160	6	170

281-S
AUTOMATIC SAFETY KNIFE

- with automatic reset: Blade retracts when releasing the slider in the handle
- one blade ELORA-No. 281TK-52 included
- heavy duty design with black handle and blade magazine
- Handle made from die-cast aluminium
- Replacement blades see Elora No. 281TK-52 and 281HK-52

Code	Number	l/mm	Pieces	Weight/g
0281000301000	281-S	170	6	160

281-K1

SAFETY KNIFE WITH HOLSTER

- fixed trapezoidal blade
- one blade Elora no. 281TK-60 included
- heavy duty design with black handle and blade magazine
- handle made from die-cast aluminium with plastic insert
- holster made of plastic with belt clip
- replacement blade see ELORA-No. 281TK-60

Code	Number	l/mm	Pieces	Weight/g
0281000601000	281-K1	170	6	280

281-K2

SAFETY KNIFE WITH HOLSTER

- 3-position adjustable cutting depth
- trapezoidal blade fully retractable into the handle
- one blade ELORA-No. 281TK-60 included
- heavy duty design with black handle and blade magazine
- handle made from die-cast aluminium with plastic insert
- holster made of plastic with belt clip
- replacement blade see ELORA-No. 281TK-60

Code	Number	l/mm	Pieces	Weight/g
0281000701000	281-K2	190	6	325

281TK-..., 281-HK52

BLADES FOR SAFETY KNIFE

- for safety knive ELORA-No. 281-T,U,S, K1 und K2
- ice tempered blades in industrial quality

Code	Number	l/mm	Pieces	Weight/g
0281400521000	281-TK52	52	1	12
0281400601000	281-TK60	60	1	20
0281410521000	281-HK52	52	1	12

281-KA18, 281-PK

SAFETY CUTTER

- with safety lock and snap-off blade
- incl. 3 replacement blades ELORA-No. 281-PK
- heavy duty design with black handle and blade magazine
- Handle made from die-cast aluminium

Code	Number	Productinformation	l/mm	Pieces	Weight/g
0281000801000	281-KA18	Cutter	180	6	220
0281400401000	281-PK	10 spare blades	110	1	65

281-C, 281-CK

CUTTER

- Design with precision metal guide and 9 mm wide, ice tempered blade
- automatically arresting safety lock
- Plastic handle

Code	Number	Productinformation	l/mm	Pieces	Weight/g
0281000501000	281-C	Cutter	135	6	190
0281400501000	281-CK	10 spare blades	85	1	25

281-P, 281-PK

CUTTER

- Design with precision metal guide and 18mm wider, ice tempered blade
- rear cap removable to snap off the used blade strips
- automatically arresting safety lock
- plastic handle

Code	Number	Productinformation	l/mm	Pieces	Weight/g
0281000401000	281-P	Cutter	160	6	85
0281400401000	281-PK	10 spare blades	110	1	65

You will find cable knifes on page no. 297

189
HACKSAW FRAME

- adjustable, for hacksaw blades with 250 mm (10‘‘) or 300 mm (12‘‘) length
- including metal saw blade 300 mm (12‘‘)
- similar to DIN 6473, shape B

Code	Number	adjustable in	l/mm	l/Inch	Pieces	Weight/g
0189000000000	189	200/300	420	11	1	530

189-P
HACKSAW FRAME

- for hacksaw blades with 300 mm (12‘‘) length
- including metal saw blade
- blade position lockable in 6 different positions
- blade tension by turning the knob in the handle
- handle made of plastic, hacksaw frame from die-cast aluminium

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0189000102000	189-P	425	11	1	560

189M
HACKSAW FRAME

- for saw blades with 300 mm (12‘‘) length
- incl. metal saw blade
- wooden handle, lacquered steel hacksaw frame

Code	Number	l/mm	l/Inch	Total Length mm	Pieces	Weight/g
0189000001000	189M	300	12	520	1	800

189-WSE, 189-SSE
HACKSAW BLADE, SINGLE CUTTING EDGE

- 24 t.p.i.
- high-speed steel resp. carbon steel with 0.95% C
- DIN 6494, form A

Code	Number	Productinformation	l/mm	l/Inch	Pieces	Weight/g
0189000001001	189-WSE	high grade tool steel with 0,95 % C	300	12	12	15
0189000001002	189-SSE	high-speed steel	300	12	12	30

189-WSD, 189-SSD

HACKSAW BLADE, DOUBLE CUTTING EDGE

- 24 t.p.i.
- high-speed steel resp. carbon steel with 0.95% C
- DIN 6494, form B

Code	Number	Productinformation	l/mm	l/Inch	Pieces	Weight/g
0189000002001	189-WSD	high grade tool steel with 0,95 % C	300	12	12	45
0189000002002	189-SSD	high-speed steel	300	12	12	45

189-K

BIMETAL ROD SAWBLADE

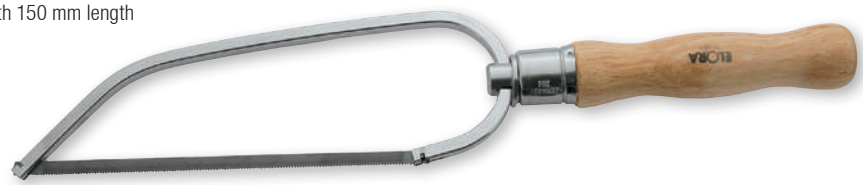
- for round and rectangular cuts
- with eyelets for fixing in hacksaw frames
- coated with a composite alloy with particles of cemented carbide

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0189001000000	189-K	300	12	12	10

257-A, 257-F

JUNIOR HACKSAW FRAME

- ELORA-No. 257-A: with adjustable wooden handle
- ELORA-No. 257-F: with fixed wooden handle
- for marquetry (Coping) saw blades and rod saw blades with 150 mm length
- incl. coping saw blade ELORA-No. 257-S
- Hacksaw frame made of steel



Code	Number	l/mm	Pieces	Weight/g
0257000000000	257-A	190, opened 310	6	141
0257000001000	257-F	285	6	100

257-50

HACKSAW FRAME

- for saw blades and rod saw blades with 150 mm length
- incl. saw blade ELORA-No. 257-S
- handle made of plastic with reinforced glass fiber
- hacksaw frame zinc coated

Code	Number	Radial mm	l/mm	Pieces	Weight/g
0257000507000	257-50	50	250	6	170

257-55

HACKSAW FRAME

- for saw blades and rod saw blades with 150 mm length
- incl. saw blade ELORA-No. 257-S
- handle made of plastic with reinforced glass fiber
- hacksaw frame zinc coated

Code	Number	Radial mm	l/mm	Pieces	Weight/g
0257000557000	257-55	50	255	6	160

257-110

HACKSAW FRAME

- for saw blades and rod saw blades with 150 mm length
- incl. saw blade ELORA-No. 257-S
- handle made of plastic with reinforced glass fiber
- hacksaw frame zinc coated

Code	Number	Radial mm	l/mm	Pieces	Weight/g
0257001107000	257-110	110	255	6	213

257-...

HACKSAW BLADE, FLEXIBLE WIRE SAW

- to use with Hacksaw Frames ELORA-No. 257-...
- specially hardened version with eyelets

Code	Number	Pitch mm	Teeth/Zoll	Use	l/mm	Pieces	Weight/g
0257000006000	257-S	1,0	25	Universal	150	12	3
0257000326000	257-S32	0,8	32	for Metal	150	12	3
0257000506000	257-S50	0,5	50	for Metal, smooth	150	12	3
0257000146000	257-S14	1,8	14	for Wood	150	12	3
0257000003000	257-K	-	-	Flexible wire saw / Universal	-	12	4

257-PS

HACKSAW BLADE SET

- in carton box
- to use with Hacksaw Frames ELORA-No. 257-...
- specially hardened version with eyelets

Code	Number	Contents	Pieces	Weight/g
0257500406000	257-PS	3 pieces of each blade 257-S, S32, S50, S14	1	58

1361-S...

SET OF TWIST DRILLS, HSS-G

- ELORA No. 1361-S19: 19 pcs.
- ELORA No. 1361-S25: 25 pcs.
- rising by 0,5 mm
- in plastic folding box
- high capacity twist drill bits, completely ground
- for steel, cast steel, alloyed and non-alloyed (up to 900 N/mm²)
- high true-running accuracy
- from Ø 3 mm split point according to DIN 1412 C
- point angle 118°
- according to DIN 338 Type N

Code	Number	Contents	Pieces	Weight/g
1361000191000	1361-S 19	from Ø 1,0 till 10 mm, 0,5 mm rising	1	552
1361000251000	1361-S 25	from Ø 1,0 till 13 mm, 0,5 mm rising	1	1126

1362-S...

SET OF TWIST DRILLS HSS

- ELORA No. 1362-S19: 19 pcs.
- ELORA No. 1362-S25: 25 pcs.
- rising by 0,5 mm
- in plastic folding box
- high capacity twist drill bits, completely ground
- 5 % Cobalt content provides additional strength and wear resistance
- for steel, cast steel, alloyed and non-alloyed (up to 900 N/mm²), hot and cold work steel, heat-treated and case-hardened steel as well as stainless and acid-resistant steel
- high true-running accuracy
- from Ø 3 mm split point according to DIN 1412 C
- point angle 130°
- according to DIN 338 Type N

Code	Number	Contents	Pieces	Weight/g
1362000191000	1362-S 19	from Ø 1,0 till 10 mm, 0,5 mm rising	1	552
1362000251000	1362-S 25	from Ø 1,0 till 13 mm, 0,5 mm rising	1	1126

1359-S...

COUNTERSINKS 90°, HSS

- 6-pcs.
- in plastic folding box
- for countersinking and deburring
- with cylindrical shaft and 3 flutes
- DIN 335 C

Code	Number	Contents	Pieces	Weight/g
1359000011000	1359-S	Ø 6,3, 8,3, 10,4, 12,4, 16,5, 20,5 mm	1	296

1360 S

THREAD CUTTING ASSORTMENT, HSS

- 15 pcs.
- in stable metal folding box
- for cutting internal threads from M3 to M12
- consisting of bottoming tap, adjustable tap wrench and countersink
- according to DIN 352

Code	Number	Contents	Pieces	Weight/g
1360000011000	1360-S	Bottoming tap M3x0,5, M4x0,7, M5x0,8, M6x1, M8x1,25, M10x1,5, M12x1,75 Countersink 2,5; 3,3; 4,2; 5,0; 6,8; 8,5; 10,2 , adjustable tap wrench	6	650

1363-S

THREAD CUTTING ASSORTMENT, HSS

- 49 pcs.
- in stable metal folding box
- for cutting internal and external threads M3 to M12
- consisting of hand taps (3 steps), tap wrench, countersink, circular dies, die holder and thread gauge
- according to DIN 352

Code	Number	Contents	Pieces	Weight/g
1363000001000	1363-S	hand taps (3 steps) M3x0,5; M4x0,7; M5x0,8; M6x1; M8 x 1,25; M10x1,5; M12x1,75 twist drills: Ø 2,5; 3,3; 4,2; 5,0; 6,8; 8,5; 10,2 tap wrench, circular dies M3 ,M4, M5, M6, M8, M10, M12 holder for circular dies 7 guides thread gauge	1	4040

1363-SF

THREAD CUTTING ASSORTMENT, FINE THREAD, HSS

- 42 pcs.
- in stable metal folding box
- for cutting internal and external threads Mf3 to Mf12
- Consisting of hand taps (2 steps), tap wrench, countersink, circular dies, die holder, guideways and thread gauge
- according to DIN 352

Code	Number	Contents	Pieces	Weight/g
1363000011000	1363-SF	hand taps (2 steps): M3x0,35; M4x0,5; M5x0,5; M6x0,75; M8 x 1,0; M10x1; M12x1,5 twist drills: Ø 2,6; 3,5; 4,5; 5,2; 7,0; 9,0; 10,5 2 tap wrench circular dies Mf3 ,Mf4, Mf5, Mf6, Mf8, Mf10, Mf12 holder for circular dies 7 guides thread gauge	1	4040

1365-S

THREAD CUTTING ASSORTMENT, HSS

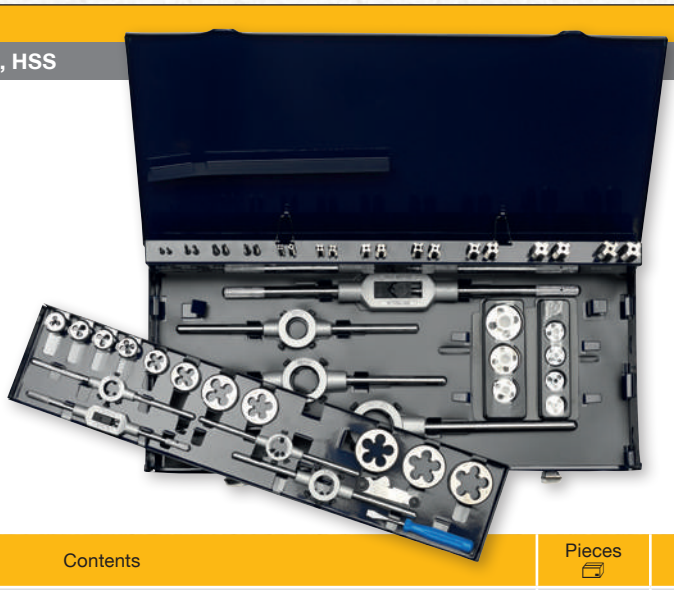
- 59 pcs.
- in stable metal folding box
- for cutting internal and external threads M3 to M12
- Consisting of hand taps (3 steps), tap wrench, countersink, circular dies, die holder, guideways and thread gauge
- according to DIN 352

Code	Number	Contents	Pieces	Weight/g
1365000001000	1365-S	hand taps (3 steps): M3x0,5, M4x0,7, M5x0,8, M6x1, M8x 1,25, M10x1,5, M12x1,75, M14x2, M16x2, M18x2,5, M20x2,5, 2 tap wrench circular dies M3 ,M4, M5, M6, M8, M10, M12, M14, M16, M18, M20, 6 holder for circular dies 7 guides thread gauge	1	7560

1365-SF

THREAD CUTTING ASSORTMENT, FINE THREAD, HSS

- 48 pcs.
- in stable metal folding box
- for cutting internal and external threads Mf3 to Mf20
- Consisting of hand taps (2 steps), tap wrench, countersink, circular dies, die holder, guideways and thread gauge
- according to DIN 352

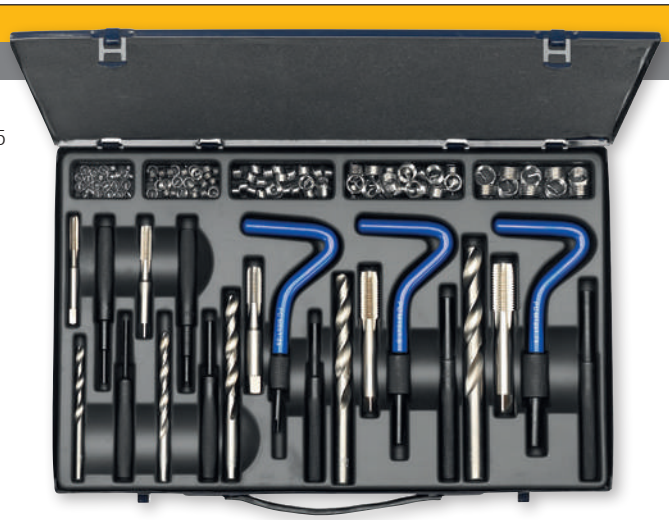


Code	Number	Contents	Pieces	Weight/g
1365000011000	1365-SF	Hand taps (2 steps): Mf3x0,35; Mf4x0,5; Mf5x0,5; Mf6x0,75; Mf8 x 1; Mf10x1; Mf12x1,5; Mf14x1,5;Mf16x1,5; Mf18x1,5; Mf20x1,5 2 tap wrench circular dies Mf3, Mf4, Mf5, Mf6, Mf8 Mf10, Mf12, Mf14, Mf16, Mf18, Mf20 6 holder for circular dies 7 guides thread gauge	1	7560

1364-S

THREAD REPAIRING ASSORTMENT

- in stable metal box
- for repairing threads from M5x0,8, M6x1, M8x1,25, M10x1,5, M12x1,75

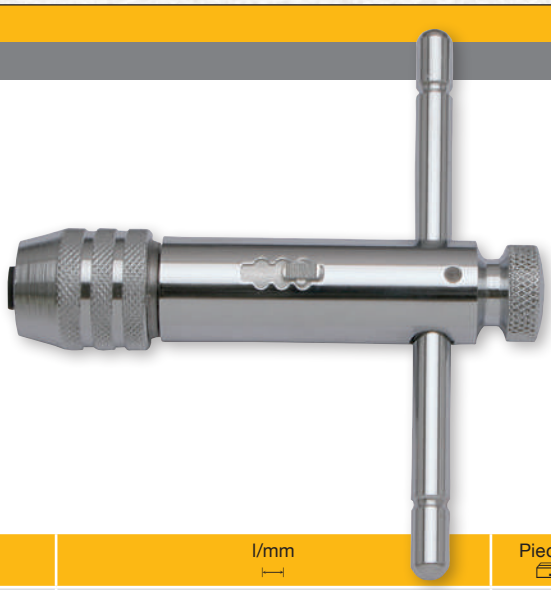


Code	Number	Contents	Pieces	Weight/g
1364000001000	1364-S	5 twist drills 5 hand taps 5 fitting tools 5 pin-breakers each 25 thread inserts M5 - M10 (High= 1 x Ø) 10 inserts M12 (High= 1 x Ø)	1	2610

4481-...

TAP WRENCH

- for taps
- with sliding T-handle, with reversible ratchet function, chrome plated
- special steel



Code	Number	Ø	l/mm	Pieces	Weight/g
4481000551000	4481-5,5	M3-M10	85	1	175
4481000701000	4481-7	M5-M12	110	1	305

310-...

MECHANICAL NUT SPLITTER

- to split fixed or overtightened nuts to strength class 6
- zinc plated, burnished spindle
- Heat-treated steel

Code	Number	for Nuts mm	Pieces	Weight/g
0310000106100	310-10	up to 10	1	150
0310000176100	310-17	up to 17	1	230
0310000246100	310-24	up to 24	1	290
0310000366100	310-36	up to 36	1	500

315

HYDRAULIC NUT SPLITTER

- to split fixed or overtightened nuts up to strength class 10
- hydraulic execution
- gun metal finish spindle
- High grade tool steel C45 / 1.0503

Code	Number	for Nuts mm	Pieces	Weight/g
0315000000000	315	7-22	1	795

316

HYDRAULIC NUT SPLITTER

- to split fixed or overtightened nuts up to strength class 10
- hyraulic execution
- gun metal finish spindle
- high grade tool steel C45 / 1.0503

Code	Number	for Nuts mm	Pieces	Weight/g
0316000000000	316	22-36	1	3840

350-...

SCREW EXTRACTOR

- for extracting broken screws and bolts with right-hand thread
- chrome vanadium 58CrV4 / 1.8161

Code	Number	Ø Tip mm	Ø Shaft mm	Screws mm	Screws Inches	Drill- Ø mm	Drill- Ø Inches	l/mm	Pieces	Weight/g
0350000064000	350-6	1,75	3,95	M3-M6	1/8-1/4	2,5	3/32	51	12	4
0350000084000	350-8	2,2	4,8	M6-M8	1/4-5/16	3	1/8	60	12	6
0350000114000	350-11	3,3	6,4	M8-M11	5/16-7/16	4,5	11/64	68	12	14
0350000144000	350-14	4,75	8,4	M11-M14	7/16-9/16	6	15/64	76	6	26
0350000184000	350-18	6,35	11	M14-M18	9/16-3/4	8	5/16	86	6	46
0350000244000	350-24	9,5	15	M18-M24	3/4-1	11	7/16	95	6	92
0350000334000	350-33	12,7	19	M24-M33	1-1.3/8	14	9/16	95	6	160
0350000524000	350-52	19	25	M33-M50	1.3/8-2	21	53/64	100	6	550

351S 5, 352S 6, 353S 8

SCREW EXTRACTOR SET

- in black plastic box
- for extracting broken screws and bolts with right-hand thread
- chrome vanadium 58CrV4 / 1.8161

Code	Number	Contents	Pieces	Weight/g
0351500500000	351S 5	350-6, 350-8, 350-11, 350-14, 350-18	1	120
0352500600000	352S 6	350-6, 350-8, 350-11, 350-14, 350-18, 350-24	1	230
0353500800000	353S 8	350-6, 350-8, 350-11, 350-14, 350-18, 350-24, 350-33, 350-52	1	725

242...

OIL SPRAY CAN AND PLASTIC OILER

- 242B-250: steadfast tin pot with a conical shape and a long metal injection pipe
- with reinforced bottom edge, perforated intermediate bottom and pump lever
- ELORA-No. 242K-60 and 242KM ..: unbreakable, flexible plastic container

Code	Number	Capacity	Pieces	Weight/g
0242000600000	242K-60	60 ml	6	10
0242001250000	242KM-125	125 ml	6	40
0242002500000	242KM-250	250 ml	6	60
0242012500000	242B-250	250 ml	1	200

242B-500

OIL SPRAY CAN

- Model with flexible spray tube and pump lever
- Container made of steel, plastic cover

Code	Number	Capacity	Pieces	Weight/g
0242015000000	242B-500	500 ml	6	220

385

HAND LEVER GREASE GUN

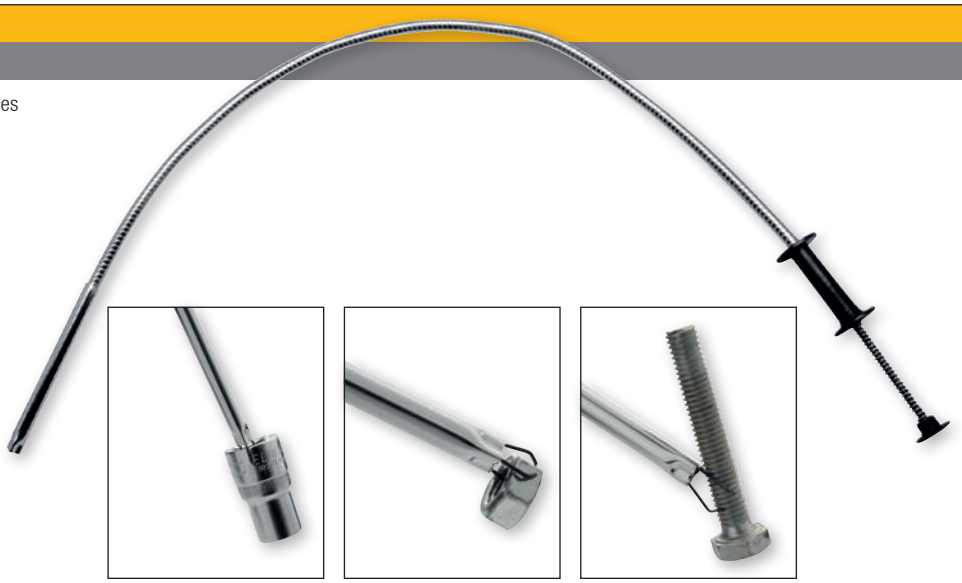
- high-quality industrial design with short stroke
- continuous fixation, air release valve on the pump head
- fat lead by means of spring force in the press head
- dummy lubrication excluded
- Working pressure 400 bar, test pressure 800 bar, capacity about 1.9 cc / stroke
- filling can be done with bulk grease (500cc) or cartridge (400g)
- incl. reinforced hose (1000 bar burst pressure) and hollow nozzle
- housing made of steel, painted silver, black plastic handle

Code	Number	Pieces	Weight/g
0385000000000	385	1	1750

291-...

CLAW

- for gripping small parts in hard to reach places
- with flexible shaft, Ø 7mm
- steel stem, operating piece made of plastic

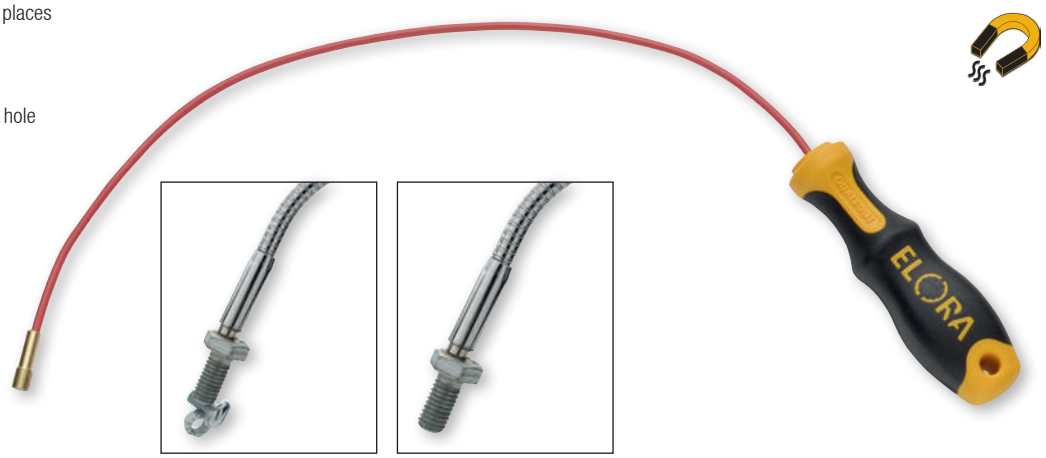


Code	Number	l/mm	Pieces	Weight/g
0291000000000	291-525	525	6	115
0291010000000	291-1000	1000	6	220

237-...

FLEXIBLE MAGNETIC LIFTER

- for lifting small parts in hard to reach places
- with flexible shaft
- Shaft made of steel
- 2-C QUATROLIT handle with hanging hole



Code	Number	Tractice force	Magnet Ø mm	l/mm	Pieces	Weight/g
0237002300000	237-220	220 g	4	440	6	36
0237005000000	237-500	500 g	6	470	6	75
0237018000000	237-1800	1800 g	12	545	6	220
0237030000000	237-3000	3000 g	16	550	6	285

295

INSPECTION MIRROR

- for inspecting hard to see locations
- round mirror with metal frame
- with flexible shaft
- shaft made of steel
- 2-C QUATROLIT handle with hanging hole

Code	Number	l/mm	Pieces	Weight/g
0295000001000	295	600	1	330

296A
TELESCOPIC MIRROR WITH LIGHTING

- for inspecting hard to see locations
- Round mirror with plastic frame
- illumination with an LED (1x CR2016 battery included)

Code	Number	l/mm	Pieces	Weight/g
0296000000001	296A	250-850	1	110

297
INSPECTION SET

- 2-pieces set
- consisting of telescopic magnetic lifter and telescopic search mirror
- packed in a sturdy plastic case
- magnet for lifting of components up to 2,5 kg
- Mirror 45 x 65 mm

Code	Number	Contents	Pieces	Weight/g
0297000000000	297	Telescopic Magnetic Lifter Telescopic Search Mirrow	1	280

298
INSPECTION SET WITH QUICK CHANGE CHUCK

- 5-pieces set
- Telescopic shaft with quick change chuck for holding mirror, magnifying glass or magnets
- packed in a sturdy plastic case

Code	Number	Contents	Pieces	Weight/g
0298000000000	298	telescope handle, 210-700 mm length magnet, ø 15 mm, 2,5 kg capacity magnet, ø 8 mm, 1,0 kg capacity mirror 45 × 65 mm magnifying glass 45 × 65 mm	1	260

1327
ENDOSCOPE

- in nylon bag
- for fault detection, diagnosis and inspection in hard to reach tight or dark areas
- easily adaptable, flexible, yet robust probe (1m long)
- incl. 45 ° -, magnet and hook probe head
- 2.5 „TFT LCD color monitor (320x240)
- illuminated probe head (0-850 Lux at 10 cm distance)
- contains 4 AA Batteries

Code	Number	Pieces	Weight/g
1327000007000	1327	1	1080

334-95K
LED HEAD LAMP, DIMMABLE

- with neoprene belt pouch
- with elastic, adjustable head band
- up to 90 ° vertically, locking, swivel lens
- lamp type High End Cree LED continuously dimmable, light output 95 lumens
- 25 hours hours of lighting
- waterproof to IP54
- contains 3xAAA Batteries

Code	Number	Pieces	Weight/g
0334000951000	334-95K	1	115

336-EX 35
LED LAMP, EXPLOSION-PROOF

- rubberized head-lamp with reduced glare
- rubberized-pressure switch for continuous and instantaneous light
- electrically non-conductive housing made of ABS and polycarbonate
- built-in clip holder on the lamp head
- lamp type eLED, light output 35 lumens
- illumination range 64 meter, burning time approx 3 hrs.
- waterproof up to 1 meter
- Contains 2xAAA batteries
- Ex Certification Zone 1: II 2G Ex ib IIB T4 Gb, II 2D Ex ib IIIC T60 ° C Db IP6X Db

Code	Number	l/mm	Pieces	Weight/g
0336000351000	336-EX 35	132	1	102

336-EX 77

LED LAMP, EXPLOSION-PROOF

- rubberized head-lamp with reduced glare
- rubberized-pressure switch for continuous and instantaneous light
- electrically non-conductive housing made of ABS and polycarbonate
- integrated lanyard hole on the lamp stem
- lamp type eLED, light output 77 lumens
- illumination range 100 Meter, duration of burning appr. 4 hrs.
- waterproof up to 3 Meter
- contains 4xAA Batteries
- Ex Certification Zone 1 SEV 11 ATEX 0174 X, II 2G Ex e ib IIC T4 II 2D Ex ibD 21 T98 ° C
- Accessories such as helmet holder, 90 ° angle attachment, optical fiber attachment upon request

Code	Number	l/mm	Pieces	Weight/g
0336000771000	336-EX 77	170	1	175

335-27

LED PENLIGHT

- in nylon belt case with snap hook
- with a clip for shirt pocket or coat and hand strap
- metal housing for heavy duty applications
- silicone pressure switch for continuous and instantaneous light
- lamp type High End LED Light output 27 lumens
- duration of burning approx. 7 hours
- waterproof to IP54
- contains 2xAAA Batteries

Code	Number	l/mm	Pieces	Weight/g
0335000271000	335-27	138	1	48

335-120

LED LAMP

- in nylon belt pouch
- with handle and snap hook
- metal housing for heavy duty applications
- silicone pressure switch for continuous and instantaneous light
- quick change between light spot light and circular illumination by Push and Pull Speed Focus
- lamp type High End Cree LED, 120 lumens light output
- duration of burning approx. 25 hours
- waterproof to IP54
- contains 3xAAA Batteries

Code	Number	l/mm	Pieces	Weight/g
0335001201000	335-120	107	1	124

337, 337-MG

LED INSPECTION FLASHLIGHT, SLIM DESIGN

- with ergonomic handle
- USB charger included, charging possible at every USB-port
- 3.7V lithium-ion battery 2200mA (3.5 hours for full charge)
- Lamp type 9x High End LED, light output 242 lumens
- Duration of burning approx 5 hours
- Magnetic holder as accessory ELORA-No. 337MG available

Code	Number	l/mm	Pieces	Weight/g
0337000001000	337	360	1	125
0337000011000	337-MG		1	60

888-...

GLOVES

- for robust, mechanical applications
- with padded palms made of synthetic leather
- with non-slip silicone coating on the middle and index fingers
- Elastic waist with Velcro fastener
- round-reinforced fingertips
- breath active, elastic spandex back
- extra strong grip force

Code	Number	Size	Pieces	Weight/g
0888000000001	888-S	S	1	80
0888000000002	888-M	M	1	85
0888000000003	888-L	L	1	90
0888000000004	888-XL	XL	1	95
0888000000005	888-XXL	XXL	1	100

887

SAFETY GOGGLES 3 IN 1

- in neoprene pouch with 2 inside pockets for extra lenses
- frame made of black nylon and anti-slip rubber nose bridges
- adjustable bridge
- with 3 interchangeable plastic lenses (clear, smoke-colored and yellow)
- according to EN166 and CE standard

Code	Number	Pieces	Weight/g
0887000000000	887	1	128

1212

MECHANICS FOAM MAT

- high comfort due to high foam quality
- carrying and hanging handle
- washable
- oil and water-resistant
- made of XPE foam material, black and yellow
- dimensions: 210 x 450 x 30 mm

Code	Number	Pieces	Weight/g
1212000000000	1212	1	100

ELORA
SUPERCADDY

CONVERSION TABLE OF METRIC, AMERICAN AND BRITISH SIZES FOR SPANNER OPENINGS AND THREAD DIAMETERS

Metric Sizes											American Sizes											British Sizes			
Spanner Openings				Threads							Spanner Openings			Threads								Threads		Spanner Openings	
				Metric Sizes acc. to DIN ISO 272				ISO R272 1968		French Standards				ISO R272 1962		United Standard		American Standard B 18.2.1972							
																		Nuts			Bolts + Screws				
Nominal Size = Size to be ordered	minimum size [mm] acc. to DIN 475/2 or ISO 691	*minimum size [mm] acc. to DIN 475/2 or ISO 691*	maximum size [mm] acc. to DIN 475/2, row 2	standard hexagon	large hexagon	bolt with flange	nut with flange	standard hexagon	small hexagon	NFE27-111-1930	Nominal Size = Size to be ordered	decimal - inch	decimal - metric	Bolts	Nuts	normal series BS 176B	heavy series BS 1769	finished thick series	heavy series	regular square series	finished and regular bolt serie hexagon head cap screws	finished and heavy bolt series	Nominal Size = Size to be ordered	BS 916, BS 1083	decimal - inch	decimal - metricww
mm											AF												BA			
1,5											1/16	.0625	1,59												
2,0	2,02	2,08									5/64	.0781	1,98												
2,5	2,52	2,58									3/32	.0938	2,38												
3	3,02	3,08		1,0							7/64	.1094	2,78									10BA		.117	2,97
3,2	3,22	3,28		1,6				1,6			1/8	.1250	3,18	Nr. 2								9BA		.131	3,33
3,5	3,52	3,60									9/64	.1406	3,57												
4	4,02	4,12		2				2		2,5	5/32	.1563	3,97		Nr. 0, 1							8BA		.152	3,86
4,5	4,52	4,62									3/16	.1875	4,76	Nr. 3,4,5	Nr. 2, 3							7BA		.172	4,37
5	5,02	5,12		2,5				2,5		3	13/64	.2031	5,16									6BA		.193	4,90
5,5	5,52	5,62		3				3			7/32	.2188	5,56									5BA		.220	5,59
6	6,03	6,15								3,5	15/64	.2344	5,95									4BA		.248	6,30
											1/4	.2500	6,35	Nr. 6, 8	Nr. 4							1/16	3/32	.256	6,50
7	7,03	7,15		4		5		4		4+4,5	17/64	.2656	6,75												
											9/32	.2813	7,14								Nr. 10	3BA		.282	7,16
8	8,03	8,15	8,18	5		6	5	5		5	5/16	.3125	7,94	Nr. 10, 12	Nr. 5, 6							3/32	1/8	.297	7,54
																						2BA		.324	8,23
9	9,03	9,15	9,18							5,5	11/32	.3438	8,73		Nr. 8							1/8	3/16	.340	8,64
																						1BA		.365	9,27
10	10,04	10,19	10,24	6		8	6	6		6	3/8	.3750	9,52		Nr. 10										
											13/32	.4062	10.32									0BA	1/4	.413	10,49
11	11,04	11,19	11,24	7				7			7/16	.4375	11,11	1/4	Nr.12 1/4	1/4		1/4	1/4		1/4		3/16	1/4	.445	11,30
12	12,04	12,24	12,30						8	7															
13	13,04	13,24	13,30	8		10	8	8			1/2	.5000	12,70	5/16	5/16	5/16		5/16		1/4	5/16		1/4	5/16	.525	13,33
											17/32	.5313	13,49												
14	14,05	14,27	14,35						10	8	9/16	.5625	14,29	3/8	3/8	3/8		3/8	5/16	5/16	3/8				
15	15,05	15,27	15,35			12	10				19/32	.5938	15,08										5/16	3/8	.600	15,24
16	16,05	16,27	16,35	10	ZK: M10+M14					9	5/8	.6250	15,87	7/16		7/16			3/8		7/16					
17	17,05	17,30	17,40	10				10	12	10	21/32	.6563	16,67													
											11/16	.6875	17,46		7/16			7/16		3/8					
18	18,05	18,30	18,40	12	ZK:M12	14	12															3/8	7/16	.710	18,03
19	19,06	19,36	19,46					12	14	11	3/4	.7500	19,05	1/2	1/2	1/2		1/2	7/16	7/16	1/2					
20	20,06	20,36	20,46								25/32	.7813	19,84													
*20,8	20,86	21,16	21,26		ZK: M14+M18						13/16	.8125	20,64	9/16		9/16			1/2		9/16		7/16	1/2	.820	20,83
21	21,06	21,36	21,46	14	12	16	14			12																
22	22,06	22,36	22,46					14	16		7/8	.8750	22,22		9/16		1/2	9/16	9/16	1/2		1/2				
23	23,06	23,36	23,46							14													1/2	9/16	.920	23,37
24	24,06	24,36	24,46	16	14		16	16	18		15/16	.9375	23,81	5/8	5/8	5/8		5/8		9/16	5/8					
25	25,06	25,36	25,46								31/32	.9688	24,61													
											1	1.0000	25,40						5/8						
26	26,08	26,48	26,58		ZK: M18					16												9/16	5/8	1.010	25,65
27	27,08	27,48	27,58	18	16	20		18	20		1.1/16	1.0625	26,99				5/8			5/8		5/8				
28	28,08	28,48	28,58																			5/8	11/16	1.100	27,94
*29	29,08	29,48	29,58							18	1.1/8	1.1250	28,57	3/4	3/4	3/4		3/4	3/4		3/4					
30	30,08	30,48	30,58	20	18		20	20	22		1.3/16	1.1875	30,16										11/16	3/4	1.200	30,48
32	32,08	32,48	32,58					22	24	20	1.1/4	1.2500	31,75				3/4			3/4		3/4				
*33	33,08	33,48	33,58								1.5/16	1.3125	33,34	7/8	7/8	7/8		7/8	7/8		7/8		3/4	7/8	1.300	33,02
34	34,10	34,6	34,70	22	20																					
*35	35,10	35,60	35,70							22	1.3/8	1.3750	34,92										13/16	15/16	1.390	35,31
36	36,10	36,60	36,70	24	22			24	27		1.7/16	1.4375	36,51				7/8			7/8		7/8				
*38	38,10	38,60	38,70							24	1.1/2	1.5000	38,10	1	1	1		1	1		1		7/8	1	1.480	37,59
											1.9/16	1.5625	39,69													
41	41,10	41,60	41,70	27	24			27	30		1.5/8	1.6250	41,28				1			1		1				
*42	42,10	42,60	42,70							27	1.11/16	1.6875	42,86	1.1/8	1.1/8	1.1/8		1.1/8	1.1/8		1.1/8		1		1.670	42,42
											1.3/4	1.7500	44.45													
46	46,10	46,60	46,70	30	27			30	33	30	1.13/16	1.8125	46,04				1.1/8			1.1/8		1.1/8	1.1/8	1.1/4	1.860	47,24
											1.7/8	1.8750	47,62	1.1/4	1.1/4	1.1/4		1.1/4	1.1/4		1.1/4					
50	50,10	50,60	50,70	33	30			33	36	33	1.15/16	1.9375	49.21													
											2	2.0000	50,80				1.1/4									
											2.1/16	2.0625	52,39	1.3/8	1.3/8	1.3/8		1.3/8	1.3/8		1.3/8		1.1/4	1.3/8	2.050	52.07
*54	54,10	54,60	54,70							36	2.1/8	2.1250	53,98													
55	55,12	55,72	55,92	36	33			36	39		2.3/16	2.1875	55,56					1.3/8		1.3/8		1.3/8				
*58	58,12	58,72	58,92							39	2.5/16	2.3125	58.74													
60	60,12	60,72	60,92	39	36			39			2.3/8	2.3750	60,32				1.1/2			1.1/2		1.1/2				
											2.7/16	2.4375	61,91					1.5/8	1.5/8		1.5/8		1.1/2	1.5/8	2.410	61,21
*63	63,12	63,72	63,92							42	2.1/2	2.5000	63,50													
65	65,12	65,72	65,92	42	39			42			2.9/16	2.5625	65,09							1.5/8		1.5/8	1.5/8	1.3/4	2.580	65,53
*67	67,12	67,72	67,92							45	2.5/8	2.6250	66,67	1.3/4	1.3/4	1.3/4		1.3/4	1.3/4		1.3/4					
70	70,12	70,72	70,92	45				45			2.3/4	2.7500	69,85				1.3/4			1.3/4		1.3/4	1.3/4	2	2.760	70,1
*71	71,12	71,72	71,92							48	2.13/16	2.8125	71,44					1.7/8	1.7/8		1.7/8					

CONVERSION TABLE OF METRIC, AMERICAN AND BRITISH SIZES FOR SPANNER OPENINGS AND THREAD DIAMETERS

Metric Sizes											American Sizes												British Sizes			
Spanner Openings				Threads							Spanner Openings			Threads									Threads		Spanner Openings	
				Metric Sizes acc. to DIN ISO 272				ISO R272 1968		French Standards				ISO R272 1962		United Standard		American Standard B 18.2.1972								
																		Nuts			Bolts + Screws					
Nominal Size = Size to be ordered	minimum size [mm] acc. to DIN 475/2 or ISO 691	maximum size [mm] acc. to DIN 475/2, row 1	maximum size [mm] acc. to DIN 475/2, row 2	standard hexagon	*large hexagon*	bolt with flange	nut with flange	standard hexagon	small hexagon	NFE27-111-1930	Nominal Size = Size to be ordered	decimal - inch	decimal - metric	Bolts	Nuts	normal series BS 176B	heavy series BS 1769	finished thick series	heavy series	regular square series	finished and regular bolt serie hexagon head cap screws	finished and heavy bolt series	Nominal Size = Size to be ordered	BS 916, BS 1083	decimal - inch	decimal - metric
mm											AF												BA			
											2.7/8	2.8750	73,03													
75	75,15	75,85	76,15	48				48			2.15/16	2.9375	74,61							1.7/8		1.7/8				
											3	3.0000	76,20	2	2	2		2	2		2					
*77	77,15	77,85	78,15							52																
80	80,15	80,85	81,15	52				52		56	3.1/8	3.1250	79,37				2			2		2	2	2.1/4	3.150	80,01
*82	82,15	82,85	82,15								3.1/4	3.2500	82,55													
85	85,15	85,85	86,15	56				56			3.3/8	3.3750	85,72					2.1/4	2.1/4		2.1/4					
*88	88,15	88,85	88,15							60	3.1/2	3.5000	88,90							2.1/4		2.1/4		2.1/2	3.550	90,17
90	90,15	90,85	91,15	60				60																		
											3.5/8	3.6250	92,08													
*94	94,15	94,85	94,15							64																
95	95,15	95,85	96,15	64				64			3.3/4	3.7500	95,25					2.1/2	2.1/2		2.1/2			2.3/4	3.890	98,80
											3.7/8	3.8750	98,42							2.1/2		2.1/2				
100	100,15	100,85	101,15	68				68		68	4	4.0000	101,60													
105	105,20	106,00	106,40	72				72		72	4.1/8	4.1250	104,77					2.3/4	2.3/4		2.3/4			3	4.180	106,17
110	110,20	111,00	111,40	76				76		76	4.1/4	4.2500	107,95							2.3/4		2.3/4				
115	115,20	116,00	116,40	80				80			4.1/2	4.5000	114,30					3	3		3			3.1/4	4.530	115,06
*116	116,20	117,00	117,40							80																
120	120,20	121,00	121,40	85				85			4.5/8	4.6250	117,47							3		3				
*125	125,20	126,00	126,40								4.7/8	4.8750	123,82								3.1/4			3.1/2	4.850	123,19
											5	5.0000	127,00							3.1/4					
130	130,20	131,00	131,40	90				90																		
135	135,20	136,00	136,40	95				95			5.1/4	5.2500	133,35							3.1/2	3.1/2			3.3/4	5.180	131,57
											5.3/8	5.3750	136,52							3.1/2						
*140	140,20	141,00	141,40																					4	5.550	140,97
145	145,20	146,00	146,40	100				100			5.5/8	5.6250	142,87							3.3/4	3.3/4					
											5.3/4	5.7500	146,05							3.3/4						
150	150,25	151,25		105				105			6	6.0000	152,40							4	4					
155	155,25	156,25		110				110			6.1/8	6.1250	155,57							4				4.1/2	6.380	162,05
*160	160,25	161,25																								
165	165,25	166,25						115																		
170	170,25	171,25																								
175	175,25	176,25						120																		
180	180,25	181,25						125																5	7.300	185,42

*) Nominal sizes are not included in DIN 475

CONVERSION TABLES FOR TORQUE WRENCHES

Conversion factor								
Unit	SI-Units			metric units		USA- / GB-units		
	cNm	dNm	Nm	cmkg	mkg	ft.lb.	in.lb.	in.oz
1 cNm	1,0000	0,1000	0,0100	0,1020	0,0010	0,0074	0,0885	1,4161
1 dNm	10,0000	1,0000	0,1000	1,0197	0,0102	0,0738	0,8851	14,1612
1 Nm	100,0000	10,0000	1,0000	10,1972	0,1020	0,7376	8,8508	141,6123
1 cmkg	9,8067	0,9807	0,0981	1,0000	0,0100	0,0723	0,8680	13,8874
1 mkg	980,6650	98,0665	9,8067	100,0000	1,0000	7,2330	86,7964	1388,7422
1 ft.lb	135,5818	13,5581	1,3558	13,8255	0,1383	1,0000	12,0000	192,0000
1 in.lb	11,2985	1,1298	0,1130	1,1521	0,0115	0,0833	1,0000	16,0000
1 in.oz	0,7062	0,0706	0,0071	0,0720	0,0007	0,0052	0,0625	1,0000

Example: (,) 1 Nm = 0,1020 mkg (‡)

Conversion Nm → mkg						1 Nm = 0,10197 mkg				
Nm	0	1	2	3	4	5	6	7	8	9
0	0,00	0,10	0,20	0,31	0,41	0,51	0,61	0,71	0,82	0,92
10	1,02	1,12	1,22	1,33	1,43	1,53	1,63	1,73	1,84	1,94
20	2,04	2,14	2,24	2,35	2,45	2,55	2,65	2,75	2,86	2,96
30	3,06	3,16	3,26	3,37	3,47	3,57	3,67	3,77	3,87	3,98
40	4,08	4,18	4,28	4,38	4,49	4,59	4,69	4,79	4,89	5.00
50	5,10	5,20	5,30	5,40	5,51	5,61	5,71	5,81	5,91	6,02
60	6,12	6,22	6,32	6,42	6,53	6,63	6,73	6,83	6,93	7,04
70	7,14	7,24	7,34	7,44	7,55	7,65	7,75	7,85	7,95	8,06
80	8,16	8,26	8,36	8,46	8,57	8,67	8,77	8,87	8,97	9,08
90	9,18	9,28	9,38	9,48	9,59	9,69	9,79	9,89	9,99	10,10
100	10,20	10,30	10,40	10,50	10,60	10,71	10,81	10,91	11,01	11,11

Example: (,) 40 Nm + (‡) 3 Nm = 43 Nm = 4,38 mg

Conversion mkg → Nm						1 mkg = 9,80665 Nm				
mkg	0	1	2	3	4	5	6	7	8	9
0	0,00	9,81	19,61	29,42	39,23	49,03	58,84	68,65	78,45	88,26
10	98,07	107,87	117,68	127,49	137,29	147,10	156,91	166,71	176,52	186,33
20	196,13	205,94	215,75	225,55	235,36	245,17	254,97	264,78	274,59	284,39
30	294,20	304,01	313,81	323,62	333,43	343,23	353,04	362,85	372,65	382,46
40	392,27	402,07	411,88	421,69	431,49	441,30	451,11	460,91	470,72	480,53
50	490,33	500,14	509,95	519,75	529,56	539,37	549,17	558,98	568,79	578,59
60	588,40	598,21	608,01	617,82	627,63	637,43	647,24	657,05	666,85	676,66
70	686,47	696,27	706,08	715,89	725,69	735,50	745,31	755,11	764,92	774,73
80	784,53	794,34	804,15	813,95	823,76	833,57	843,37	853,18	862,99	872,79
90	882,60	892,41	902,21	912,02	921,83	931,63	941,44	951,25	961,05	970,86
100	980,67	990,47	1000,28	1010,08	1019,89	1029,70	1039,50	1049,31	1059,12	1068,92

Example: (,) 40 mkg + (‡) 3 mkg = 43 mkg = 421,69 Nm

Conversion Nm → ft.lb.						1 Nm = 0,73756 ft.lb.				
Nm	0	1	2	3	4	5	6	7	8	9
0	0,00	0,74	1,48	2,21	2,95	3,69	4,43	5,16	5,90	6,64
10	7,38	8,11	8,85	9,59	10,33	11,06	11,80	12,54	13,28	14,01
20	14,75	15,49	16,23	16,96	17,70	18,44	19,18	19,91	20,65	21,39
30	22,13	22,86	23,60	24,34	25,08	25,81	26,55	27,29	28,03	28,76
40	29,50	30,24	30,98	31,72	32,45	33,19	33,93	34,67	35,40	36,14
50	36,88	37,62	38,35	39,09	39,83	40,57	41,30	42,04	42,78	43,52
60	44,25	44,99	45,73	46,47	47,20	47,94	48,68	49,42	50,15	50,89
70	51,63	52,37	53,10	53,84	54,58	55,32	56,05	56,79	57,53	58,27
80	59,00	59,74	60,48	61,22	61,96	62,69	63,43	64,17	64,91	65,64
90	66,38	67,12	67,86	68,59	69,33	70,07	70,81	71,54	72,28	73,02
100	73,76	74,49	75,23	75,97	76,71	77,44	78,18	78,92	79,66	80,39

Example: (,) 40 Nm + (‡) 3 Nm = 43 Nm = 31,72 ft.lb.

Conversion ft.lb. → Nm						1 ft.lb. = 1,35581 Nm				
ft.lb	0	1	2	3	4	5	6	7	8	9
0	0,00	1,36	2,71	4,07	5,42	6,78	8,13	9,49	10,85	12,20
10	13,56	14,91	16,27	17,63	18,98	20,34	21,69	23,05	24,40	25,76
20	27,12	28,47	29,83	31,18	32,54	33,90	35,25	36,61	37,96	39,32
30	40,67	42,03	43,39	44,74	46,10	47,45	48,81	50,16	51,52	52,88
40	54,23	55,59	56,94	58,30	59,66	61,01	62,37	63,72	65,08	66,43
50	67,79	69,15	70,50	71,86	73,21	74,57	75,93	77,28	78,64	79,99
60	81,35	82,70	84,06	85,42	86,77	88,13	89,48	90,84	92,20	93,55
70	94,91	96,26	97,62	98,97	100,33	101,69	103,04	104,40	105,75	107,11
80	108,46	109,82	111,18	112,53	113,89	115,24	116,60	117,96	119,31	120,67
90	122,02	123,38	124,73	126,09	127,45	128,80	130,16	131,51	132,87	134,23
100	135,58	136,94	138,29	139,65	141,00	142,36	143,72	145,07	146,43	147,78

Example: (,) 40 ft.lb. + (‡) 3 ft.lb. = 43 ft.lb. = 58,30 Nm

Conversion Nm → in.lb.						1 Nm = 8,85077 in.lb.				
Nm	0	1	2	3	4	5	6	7	8	9
0	0,00	8,85	17,70	26,55	35,40	44,25	53,10	61,96	70,81	79,66
10	88,51	97,36	106,21	115,06	123,91	132,76	141,61	150,46	159,31	168,16
20	177,02	185,87	194,72	203,57	212,42	221,27	230,12	238,97	247,82	256,67
30	265,52	274,37	283,22	292,08	300,93	309,78	318,63	327,48	336,33	345,18
40	354,03	362,88	371,73	380,58	389,43	398,28	407,14	415,99	424,84	433,69
50	442,54	451,39	460,24	469,09	477,94	486,79	495,64	504,49	513,34	522,20
60	531,05	539,90	548,75	557,60	566,45	575,30	584,15	593,00	601,85	610,70
70	619,55	628,40	637,26	646,11	654,96	663,81	672,66	681,51	690,36	699,21
80	708,06	716,91	725,76	734,61	743,46	752,32	761,17	770,02	778,87	787,72
90	796,57	805,42	814,27	823,12	831,97	840,82	849,67	858,52	867,38	876,23
100	885,08	893,93	902,78	911,63	920,48	929,33	938,18	947,03	955,88	964,73

Example: (,) 40 Nm + (‡) 3 Nm = 43 Nm = 380,58 in.lb.

Conversion in.lb. → Nm						1 in.lb. = 0,11298 Nm				
in.lb	0	1	2	3	4	5	6	7	8	9
0	0,00	0,11	0,23	0,34	0,45	0,56	0,68	0,79	0,90	1,02
10	1,13	1,24	1,36	1,47	1,58	1,69	1,81	1,92	2,03	2,15
20	2,26	2,37	2,49	2,60	2,71	2,82	2,94	3,05	3,16	3,28
30	3,39	3,50	3,62	3,73	3,84	3,95	4,07	4,18	4,29	4,41
40	4,52	4,63	4,75	4,86	4,97	5,08	5,20	5,31	5,42	5,54
50	5,65	5,76	5,87	5,99	6,10	6,21	6,33	6,44	6,55	6,67
60	6,78	6,89	7,00	7,12	7,23	7,34	7,46	7,57	7,68	7,80
70	7,91	8,02	8,13	8,25	8,36	8,47	8,59	8,70	8,81	8,93
80	9,04	9,15	9,26	9,38	9,49	9,60	9,72	9,83	9,94	10,06
90	10,17	10,28	10,39	10,51	10,62	10,73	10,85	10,96	11,07	11,19
100	11,30	11,41	11,52	11,64	11,75	11,86	11,98	12,09	12,20	12,31

Example: (,) 40 in.lb. + (‡) 3 in.lb. = 43 in.lb. = 4,86 Nm

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§ 1 Applicability

1. All deliveries and services made by ELORA Werkzeugfabrik GmbH (ELORA) are understood to be exclusively on the basis of the following conditions. These General Terms & Conditions of Sale also apply to all future contracts and transactions with the buyer. The buyer's Terms & Conditions will not be recognised by ELORA unless and until ELORA explicitly approves them in writing. These present General Terms & Conditions of Sale are deemed to apply even if ELORA is aware that the buyer's General Terms & Conditions of Sale contradict them or deviate from them and, despite this, makes delivery to the buyer without reservation.

2. These General Terms & Conditions of Sale apply only to business enterprises, public-law legal entities and public law special entity as defined under § 310(1) German Civil Code.

§ 2 Quotations, contract conclusion

1. Contracts come into existence if ELORA expressly accepts an order or dispatches the goods ordered or if ELORA fails to refuse a buyer's order in writing without delay, at the latest with 14 days of receipt.

2. The details and illustrations shown in brochures, catalogues, advertisements and price lists are not to be considered declarations, representations or guarantees of any kind and are not integral parts of the contract. They are only intended to provide a general impression of the goods described therein. Deviations or modifications effected on the basis of legally prescriptive regulations or resulting from technical improvements are permitted provided they do not impair the usability of the product as described in the contract.

§ 3 Contract amendment

1. Contracts not limited to a specific duration can be cancelled by either Party by giving 3 months' notice.

2. If in connection with a long-term contract due to run for more than 12 months and those with no set limit, a material change in wage, material or power costs takes place, both contractual parties are entitled to require a reasonable adjustment to the price to reflect these factors.

3. If no specific order quantity has been agreed, ELORA will base its pricing on the non-binding quantity expected by the buyer for a specific period of time.

4. If delivery contracts are of a call-up nature, ELORA reserves the right to communicate binding quantities at least two months before the agreed delivery date by means of the call-up. Additional costs occurring due to delayed call-ups or subsequent amendments to the call-up regarding the time or quantity by the buyer will be charged to the buyer. The pricing calculations carried out by ELORA will be deemed to be binding.

5. Material amendments, additional requests and additional performance details communicated after conclusion of the contract will require the Parties to make reasonable changes to the payment, dates and description of the functions. This applies by analogy to any technical problems not foreseeable at the time of contract signing.

§ 4 Confidentiality, documents

1. Both contractual parties undertake to use any documents (which is deemed to include samples, models and data) and knowledge received during the business relations exclusively for the agreed joint purposes and to treat these with the same care and confidentiality as they would their own documents and knowledge and not to make them available to vis a vis Third Parties if the other Party defines the documents as confidential or is evidently keen to maintain confidentiality with regard to them. This obligation comes into force the moment the first document or information is received and is not restricted in time.

2. These obligations do not apply to documents and knowledge which are in the public domain or which were already known by the other contractual party when they are received without being subject to confidentiality restrictions, or if they are communicated by a Third Party who is entitled to make them available or if they were developed independently by the receiving contractual party without recourse to any confidential documents or knowledge belonging to the other contractual party.

3. If one partner makes drawings or other technical documents concerning the products to be supplied or their manufacture available to the other party, these documents remain the property of the providing party.

4. The costs of production of samples and production aids (tools & dies, moulds, templates etc.) will be invoiced separately from the products supplied unless otherwise agreed. This applies also to production aids which need replacing due to wear and tear.

5. If the partner cancels or postpones the contractual agreement during the manufacturing period for the samples or production aids, all production expenses incurred up to that point will be charged to the partner.

6. The production aids will remain in the possession of ELORA, even if the buyer has paid for them, at least until the contract for delivery has been properly wound up. After that, the buyer is entitled to demand delivery of the production aids when agreement has been reached on the moment of hand-over and after the buyer has met all its contractual obligations in full.

7. Enduser-specific production aids may only be used by us for supplies to Third Parties after prior written approval by the buyer.

§ 5 Prices, terms & conditions of payment

1. Prices are understood to be in euros and do not include value added tax, packaging, freight, postage or insurance.

2. The minimum order value for domestic orders (within Germany) is 50,00 EUR net and for foreign orders is 250,00 EUR net. If the minimum order value is not reached, ELORA reserves the right to add a small-order surcharge amounting to 10,00 EUR net to each order

3. Invoices showing a net product value of less than 25,00 EUR are payable immediately on receipt of the goods in the full amount. For all other invoices, if payment is made within 10 days of the date of invoice, a cash discount of 3% may be deducted. All other invoices are due in full within 30 days of the date of invoice. The consequences of defaults in payment are covered by legal provisions.

4. If it is agreed that ELORA has supplied non-conforming product, our buyer is still required to make payment for the conforming part of the delivery unless the partial delivery is of no interest to him.

5. The buyer is only entitled to offset payments against other claims if these are legally enforceable or non-litigious. Furthermore, the buyer is only entitled to a right of retention if the counterclaim results from the same contractual agreement as our original claim.

6. In the event of payment arrears, ELORA reserves the right to charge interest on arrears at the level laid down by law in accordance with §§ 288(2), 247 German Civil Code (8 percentage points above the valid base rate). This without prejudice to any other remedies.

7. Where the buyer is in default of payment, ELORA may, after notifying the buyer in writing, hold performance of our obligations in abeyance until the payment has been received.

8. If the buyer fails to make payment even after two reminders, all remaining unpaid invoices become due immediately.

9. Bills of exchange and cheques are accepted after mutual agreement in payment of debts on condition that they are discountable. Discount fees are charged from the due date of the invoice. No guarantee is accepted for presentation of bills of exchange or cheques in a timely manner or for the issue of a bill protest.

10. If, after conclusion of a contract, we become aware that the buyer is likely to be unable to pay as a result of his inability to do so, ELORA reserves the right to withhold performance and to define a reasonable period within which the buyer must pay in partial amounts in exchange for the ordered goods or provide collateral. If the buyer refuses to comply or if the deadlines pass without delivery, ELORA reserves the right to withdraw from the contract and claim damages.

§ 6 Delivery, transfer of risk

1. Unless otherwise agreed, delivery will be made ex works (Incoterms 2000). Adherence to the delivery date or delivery period is determined by the date of notification by ELORA that the consignment is ready for shipping or pick-up. Unless otherwise agreed, ELORA will select the means of transport and the route.

2. The delivery period commences when the confirmation of order is sent. If delivery is delayed due to circumstances covered by these Terms & Conditions or by action or omission of the buyer, the delivery period will be extended in favour of ELORA in a manner commensurate with the circumstances.

3. Partial deliveries are permitted in reasonable amounts. These are invoiced separately.

4. Within a tolerance of 10 per cent of the total order quantity, production-related over- or underdeliveries are permitted for special-purpose production runs. The total price will be adjusted to match the quantities.

5. Consignments notified as ready for shipping must be taken over by the buyer without delay. Otherwise ELORA reserves the right to dispatch them at our discretion or to put them into storage at the expense and risk of the buyer.

6. Risk is transferred to the buyer when the products are handed over to the railway company, forwarding agents or truck driver or when storage begins, however at the latest when the goods leave our factory or warehouse, even if ELORA has undertaken to carry out the delivery.

7. All consignments above a net goods value of 400,00 EUR are dispatched within the Federal Republic of Germany carriage paid including packaging. Any express or other surcharges will be charged to the buyer. Any postage and parcel service charges will be charged. If the value of the goods is less than 400,00 EUR, freight costs will be charged.

8. If ELORA realises that the goods cannot be delivered within the agreed delivery period, ELORA will notify the buyer without delay and in writing quoting the reasons for the delay and the anticipated new delivery time.

9. The buyer is only entitled to withdraw from the contract if ELORA is responsible for the non-compliance with the delivery date and the buyer has granted ELORA a reasonable extension period which ELORA has allowed to pass without delivering.

§ 7 Liability for defects

1. Claims by the buyer relating to ELORA's liability for defects presume that the Buyer has properly complied with his duty of inspection and complaint in accordance with § 377 German Commercial Code. Any invisible defects are to be notified by the buyer without culpable loss of time as soon as they are discovered, but not later than one year after receipt of the goods and hand-over of the products in question to ELORA. The date on which the notification is dispatched is deemed to be decisive in terms of adherence to the response period.

2. The quality of the goods is governed exclusively by the agreed technical delivery regulations. The buyer bears the responsibility for determining the suitability of the goods for the intended purpose. The moment of transfer of risk is decisive as regards determining the contractually agreed state of the goods.

3. ELORA is to be given the opportunity to investigate the defects. Any non-conforming products must be returned to ELORA without delay if the buyer so requested. ELORA will bear the transport cost if the complaints about defects are substantiated. If the buyer does not comply with these obligations or makes any modifications to the products subject of the complaint without prior consent, all entitlement to a remedy becomes void.

4. ELORA must in all cases be given the opportunity for remedial performance or replacement deliveries at its discretion. The buyer undertakes to provide ELORA with this opportunity to a reasonable extent. If the remedial performance or replacement deliveries do not solve the problem or if ELORA refuses to remedy the problem due to the considerable effort involved, the buyer may insist on a reduction in the price or withdraw from the contract. Reimbursement of expenses is excluded if the expenses increase because the goods have been removed to a different location after delivery, unless this is in keeping with the intended purpose of the goods. The buyer's right to remedial performance in the event of minor defects is excluded.

5. ELORA is not responsible for material defects which occur through inappropriate or improper use, incorrect installation or start-up by the buyer or Third Parties, standard wear and tear, incorrect or negligent handling, the consequences of inappropriate modifications or modifications or repairs carried out without our consent by the buyer or Third Parties. The same applies to defects which only slightly detract from the value or suitability of the goods.

6. Claims for remedies due to material defects expire 12 months after transfer of risk. This does not apply where legislation prescribes otherwise, in particular for defects in building constructions and for products which were used in accordance with their usual purpose for construction purposes and which have caused defects in the construction. In cases of a limitation period for recourse against the supplier of consumer goods, the period of limitations is governed by Paras. 478, 479 German Civil Code.

7. The buyer is only entitled to take recourse action against ELORA if the buyer has not come to an agreement with its own customers regarding warranties in excess of the legal warranty requirements. The extent of the recourse is governed by these General Terms & Conditions of Sale.

§ 8 Retention of title

1. ELORA reserves title in the goods delivered until all claims from the business transactions with the buyer and any future claims arising have been settled. If a current account has been agreed between ELORA and the buyer, ELORA retains title in the goods until such time as all claims from that current account have been settled.

2. The buyer is entitled to resell these goods in the course of its normal business activities and to collect receivables provided it meets its obligations arising from the business relations with ELORA in a timely manner. Where the buyer includes the claim in a current account agreement with his own business partners, he agrees herewith to assign all claims to the final payment to ELORA as provided by § 355 German Commercial Code in the amount of the due claims. If the goods delivered are resold together with other goods, the advance assignment only applies to that portion of the value of the goods delivered. The buyer is however not entitled to mortgage the goods delivered or assign them as collateral. The buyer undertakes to ensure ELORA's rights when reselling the goods delivered.

3. The buyer herewith assigns to ELORA as security all its claims and rights arising from the resale or rental of the goods, where this has been permitted by ELORA, to which we have property rights. ELORA hereby accepts that assignment.

4. If the buyer violates its obligations, in particular regarding default of payment, ELORA is entitled to recover the goods and withdraw from the contract if the buyer has not responded to a reasonable grace period for payment. The statutory provisions that it is not necessary to set a time limit remain unaffected. ELORA is entitled to dispose of the recovered goods at its discretion. Any funds received from the disposal is to be offset against the buyer's unpaid amounts after payment of reasonable disposal costs. The buyer is obliged to surrender the retained goods. ELORA is entitled to withdraw from the contract if an application is made to instigate insolvency proceedings against the buyer.

5. ELORA reserves the right to withdraw its authorisation for the resale and seizure of assigned claims if the buyer fails to meet his payment obligations from the revenues earned by the resale, is in default of payment, or if an application is made to commence insolvency proceedings or payments cease to be made. If this happens, the buyer is required, at the request of ELORA and if the direct debit agreement has been cancelled, to notify ELORA of all the assigned claims and the identity of the debtors, to notify those debtors of the assignment, to make available to us all the information and documents required by ELORA for recovering the claims.

6. Any processing of the goods delivered by the buyer is performed on behalf of ELORA but without entering into any obligations in the name of ELORA. If the goods delivered by ELORA are processed or inextricably combined with other products which do not belong to ELORA, ELORA acquires joint title to the new object in proportion to the invoiced value of the products supplied compared with

that of the other objects processed or inextricably combined, the latter being the value at the time of processing or combination. If goods become an integral part of a mobile object and if that object is considered to be the main item, ELORA becomes joint owner of the main item to an extent which is proportionate to the value of ELORA's property in the new item in so far as the buyer is the owner of the main item. The buyer undertakes to care for the property or joint ownership free of charge on behalf of ELORA. The same applies to the item created by the processing or combining as to the goods delivered.

7. The buyer undertakes to notify ELORA without delay of any enforcement orders by Third Parties relating to the goods delivered and for which assigned claims or other collateral exist, quoting all the documents required for ELORA to intervene. This is deemed to apply equally to distraint orders and other legal or factual impairments by Third Parties. The buyer undertakes to notify the Third Parties of ELORA's retention of title. Where the Third Party is not in a position to repay to ELORA the costs of the action both in court and out-of-court under § 771 of the German Code of Civil Procedure (ZPO), the Buyer becomes liable for any losses incurred by ELORA.

8. ELORA undertakes to release the collateral in its favour at the request of the buyer to the extent that the recoverable value of the collateral exceeds the value of the receivables by more than 10%. The choice of which collateral is to be released is at the discretion of ELORA.

9. If the goods sold have passed into the sovereignty of a different State, the buyer undertakes to ensure before the delivery and at its own expense that the rule of law of the importing country recognise a retention of title comparable with the provisions of these General Terms & Conditions of Sale regarding the retention of title laid down herein. To this extent, the buyer undertakes to take all steps required to ensure the property rights of ELORA in the goods sold. To this aim, ELORA undertakes to support the buyer with all the legal activities available to it and to provide the buyer with all the necessary information and documents it requires. The buyer is liable to ELORA for any damage resulting from a lack of secured property in the goods sold or if the retention of title is not recognised in whole or in part by the legal system in the importing country.

§ 9 Liability

1. No claims for damages by the buyer, whatever their legal foundation, will be entertained. The only exceptions are cases of criminal damage, gross negligence, danger to life & limb, violation of health and the infringement of a warranty under § 444 (BGB) resulting from the violation of material contractual obligations. Any damages payable for the infringement of material contractual obligations is, however, restricted to those foreseeable damages typically awarded in contractual cases provided there is no evidence of intent or liability for gross negligence resulting from danger to life & limb, violation of health and the infringement of a warranty under § 444 (BGB). The above provisions do not involve a modification to the burden of proof to the detriment of the buyer. Absolute liability under product liability legislation remains unrestricted.

2. ELORA does not accept liability for any material defects resulting from inappropriate use and storage, non-conforming installation or natural wear and tear.

3. Where ELORA's liability for damages has been restricted or excluded, the same exclusions and restrictions apply personally to its employees, workers, representatives and agents.

§ 10 Force majeure

1. Force majeure, such as labour disputes, social unrest, actions by the Authorities, import & export restrictions, lack of raw materials and fuels, fire and other circumstances beyond the control of ELORA will release ELORA from its obligations under these Terms & Conditions for the duration of the disturbance and to a corresponding extent. The foregoing is deemed to apply equally whether they affect ELORA directly or one of its suppliers. A declaration provided to ELORA by a supplier relating to the circumstances of the disturbance are deemed sufficient evidence to show that ELORA was prevented from delivering on time for no fault of its own.

2. The buyer is entitled to require ELORA to provide a declaration as to whether it will be able to deliver within a reasonable time period or whether it will withdraw from the contract. If this declaration is not forthcoming within a reasonable time period, the buyer is entitled to withdraw from that part of the delivery not yet effected.

§ 11 Conclusions

1. The Court of jurisdiction for all legal disputes, including those relating to bills of exchange and cheques, is in Remscheid. Irrespective of this, ELORA is entitled to file proceedings at the buyer's place of residence.

2. The contractual agreements are subject exclusively to the laws of the Federal Republic of Germany. UN commercial law (United Nations Convention on Contracts for the International Sale of Goods) is deemed not to apply.

3. If any clause in this contract should be or become ineffective during the existence of this agreement, or if a gap should become apparent in the phrasing of the contract, the remaining clauses are considered to be unaffected.

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