



12



AUTOMOTIVE- AND SPECIAL TOOLS

Engine, Oil Service, Exhaust, Clutch _____	Page 426
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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	111



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	4-13	1	280
0178000201000	178-20	8-19	1	412
0178000221000	178-22	4-19	1	412
0178000281000	178-28	17-28	1	545

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
0232000107000	232-1	57-125	80	1	321
0232000117000	232-1A	57-125	100	1	345
0232000207000	232-2	90-175	80	1	360
0232000217000	232-2A	90-175	100	1	390
0232000307000	232-3	90-175	165	1	634

You will find scrapers
on page no. 476



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	311
0232010117000	232S-1A	57-125	100	1	345
0232010207000	232S-2	90-175	80	1	351
0232010217000	232S-2A	90-175	100	1	384
0232010307000	232S-3	90-175	165	1	679

235-...

PISTON RING PLIER

- for inserting and removing piston rings
- nickel-plated, with plastic handles
- high grade tool steel C45 / 1.0503

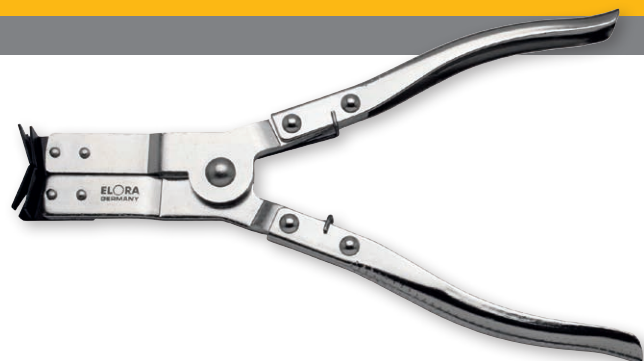


Code	Number	Span Ø mm	l/mm	Pieces	Weight/g
0235000503000	235-50	50-100	200	1	294
0235000803000	235-80	80-120	220	1	335
0235001103000	235-110	90-150	240	1	484

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	246

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	675

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	175

You will find pry bars on page no. 387



You will find mounting bars on page no.387



244-1

HOSE CLAMP PLIER

- for simple self spanning wire hose clamps (e.g. washing machines)
- 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	334

244-2

HOSE CLAMP PLIER

- for simple self spanning wire hose clamps (e.g. washing machines)
- with rotatable 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	200

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

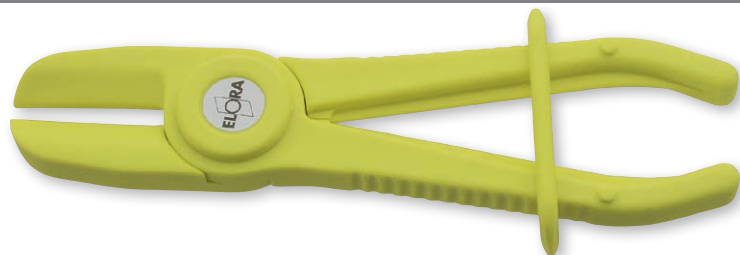


Code	Number	l/mm	Pieces	Weight/g
0244000030000	244-3	206	1	200

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

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. 470



You will find chain pipe or exhaust pipe cutters on page no. 359



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	168

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	176

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	6000

1666-Z

CREEPER FOR LYING AND SITTING

- professional finish
- can be converted from creeper to seat
- bolstered seating and lying area
- stable steel tube frame
- load capacity: 136,00 kg
- measurements creeper seat: H 145 x L 1025 x T 410 mm
- measurements seat: H 495 x L 550 x T 410 mm
- seat height approx: 48 cm



Code	Number	Pieces	Weight/g
1666000002000	1666-Z	1	9000



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	338
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



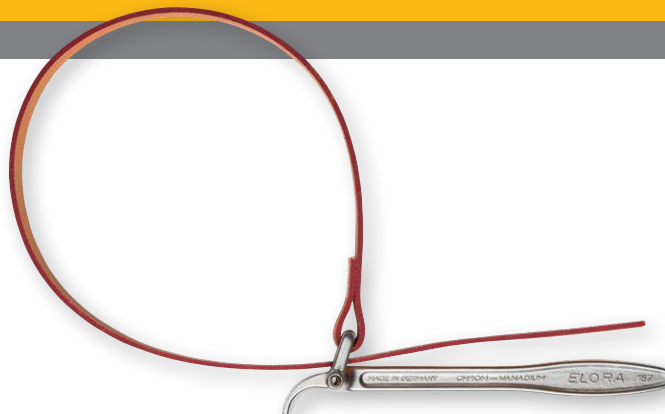
12,5
1/2"

Code	Number	Handle Length mm	Pieces	Weight/g
0187001801000	187-180	172	1	407
0187001801001	187-E180	Spare strap	1	60

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	520
0187002801001	187-E280	Spare strap	1	110

You will find flexible magnetic lifters on page no. 497



You will find inspection mirrors on page no. 497



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
- gunmetal finished
- 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	260

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	354
0190000803000	190-80	80-110	240	1	390

You will find claws
on page no. 497



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	407

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	961

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-Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0463000005100	463	230	9	1	289

463-1

GLOW PLUG CONNECTOR PLIER, BENT

- Pliers profile specially adapted to the plugs
- Angled design for use even with glow plug connectors that are difficult to access
- Recess prevents damage to the cable
- nonslip QUATROLIT®-2C-handles
- matt chrome plated
- ELORA Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0463000005200	463-1	230	9	1	250

464-200BI

SPARK PLUG PLIER

- hooked jaws
- for difficult to pull down spark plug sockets
- matt chrome plated
- nonslip QUATROLIT®-2C-handles
- ELORA-high grade tool steel C45 / 1.0503



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0464002001100	464-200BI	200	8	1	220

465-...

SPARK PLUG PLIER

- with milled inner profile in the gripping sleeves
- for low-lying spark plug connectors
- 465-300BI Especially for low-lying spark plug connectors
- e.g. on AUDI V6 or V8 engines · JAGUAR 12-cylinder
- matt chrome plated
- nonslip QUATROLIT®-2C-handles
- ELORA Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	Jaw length mm	l/mm	l/Inch	Pieces	Weight/g
0465002301100	465-230BI	50	240	9,5	1	255
0465003001100	465-300BI	50	300	12	1	310

465-5 230BI

FUEL LINE PLIER

- for operating the quick-release fasteners
- for MERCEDES-BENZ, VW-AUDI, FIAT, OPEL, CITROËN, VOLVO, MAN SCANIA, CLAAS
- AdBlue lines and AdBlue injection nozzle
- matt chrome plated
- nonslip QUATROLIT®-2C-handles



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0465000005100	465-5 230BI	230	9	1	250

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

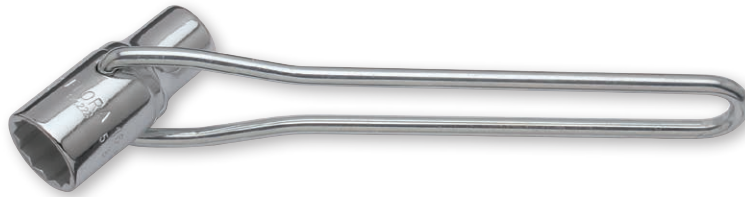


Code	Number	Ø mm	l/mm	Pieces	Weight/g
0229000000000	229D	8	185	6	74

222-...

SPARK PLUG WRENCH

- ▶ pattern with swivelling actuating bracket
- ▶ hardened, chrome-plated
- ▶ ELORA-Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	mm	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

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	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

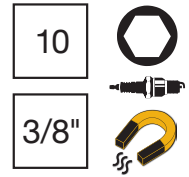
You will find joint socket wrenches with t-handle on page no. 126



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

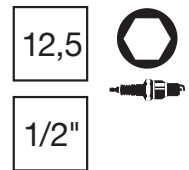


Code	Number	mm		l/mm	Pieces	Weight/g
0871011602300	871TMG-16	16,0 (5/8 AF)	M10	70	6	115
0871011802300	871TMG-18	18,0 (11/16 AF)	M12	70	6	115
0871012082300	871TMG-20,8	20,8 (13/16 AF)	M14	70	6	154

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

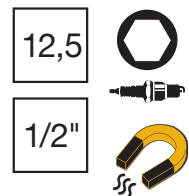


Code	Number	mm		Ø mm	l/mm	Pieces	Weight/g
0771031602000	771LTZ-16	16,0 (5/8 AF)	M10	22	80	6	165
0771031802000	771LTZ-18	18,0 (11/16 AF)	M12	25	80	6	170
0771032082000	771LTZ-20,8	20,8 (13/16 AF / 7/16 WW)	M14	27	80	6	180

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

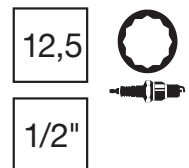


Code	Number	mm		Ø mm	l/mm	Pieces	Weight/g
0771031602300	771LMG-16	16,0 (5/8 AF)	M10	22	80	6	170
0771031802300	771LMG-18	18,0 (11/16 AF)	M12	25	80	6	175
0771032082300	771LMG-20,8	20,8 (13/16 AF / 7/16 WW)	M14	27	80	6	185

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



Code	Number	mm		l/mm	Pieces	Weight/g
0770602012000	770-L20-1	16,0 (5/8 AF)	M10	100	1	193

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	150	8	12	40

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

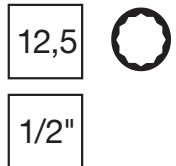


Code	Number	Edge mm	mm	mm	Pieces 	Weight/g
0580000451000	580-45	3	45	120	6	14

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

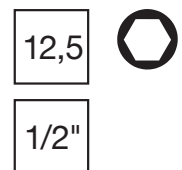


Code	Number	mm	l/mm 	Pieces 	Weight/g
0770035701000	770-LTD	27	80	1	267

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



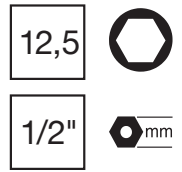
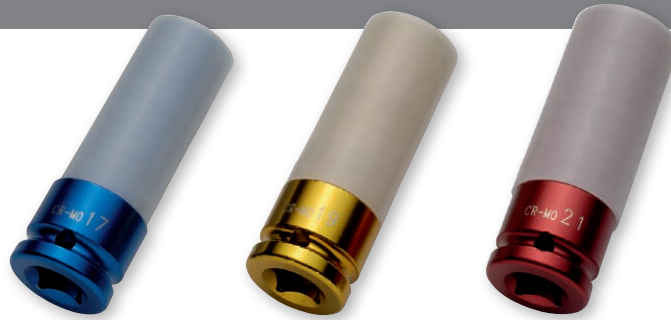
Code	Number	mm	mm	l/mm 	Pieces 	Weight/g
0776000095100	776L-9	1/2"	22	150	1	367

You will find impact sockets 1/2", extra deep on page no. 213



790LTP...
IMPACT SOCKET 1/2", HEXAGON

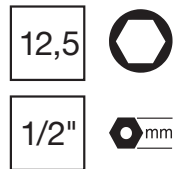
- for power tools
- extra deep with, with plastic sleeve
- for wheel mounting, plastic sleeve to protect the rims from scratches
- coloured size identification
- female square drive according to DIN 3121-H 12,5, ISO 1174
- special steel



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

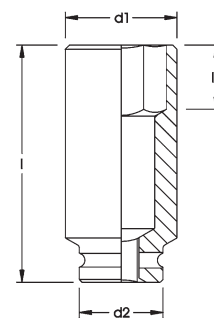
- 3 pcs., in plastic box
- extra deep, plastic sleeve, in plastic box
- for wheel mounting, plastic sleeve to protect the rims from scratches
- for power tools
- coloured size identification
- female square drive according to DIN 3121-H 12,5, ISO 1174
- special steel



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

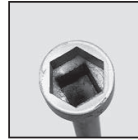


Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790000175101	790DW-17	52	24	24,5	30	7903-25	7904-24	6	130
0790000195101	790DW-19	52	24	27	30	7903-25	7904-24	6	140
0790000215101	790DW-21	52	24	30	30	7903-25	7904-24	6	160

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	1370
0170000273000	170-27	27 x 32 (1.1/16 AF)	400	1	1519
0170000286100	170-28	28 x 33	400	1	1516
0170000303000	170-30	30 x 32 (1.1/6 AF)	400	1	1686
0170000323000	170-32	32 (1.1/16 AF) x 38 (1.1/4 AF)	400	1	1658

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	3	980
0171000000000	171-600	18	600	3	1175

185-...

WHEEL NUT WRENCH

- bent pattern with hub cap puller
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208

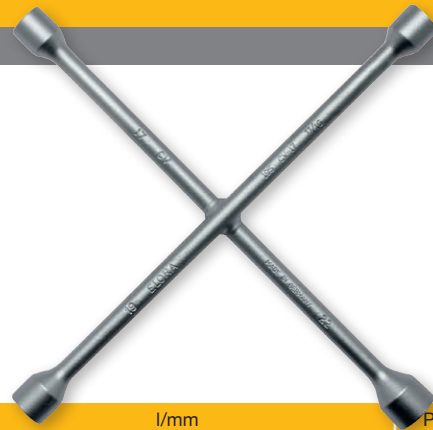


Code	Number	mm	l/mm	Pieces	Weight/g
0185000171000	185-17	17	375	3	620
0185000191000	185-19 / 3/4	19 (3/4 AF)	400	3	750

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

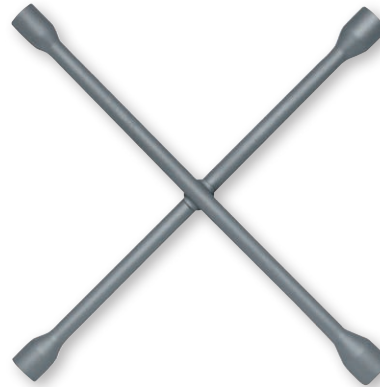


Code	Number	Size	l/mm	Pieces	Weight/g
0195000176100	195WS-17	17, 19, 22, 13/16 AF	410	1	1280
0195100236100	195WS-1/2	17, 19, 22, 1/2" male square drive	410	1	1280

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. 163



196-...

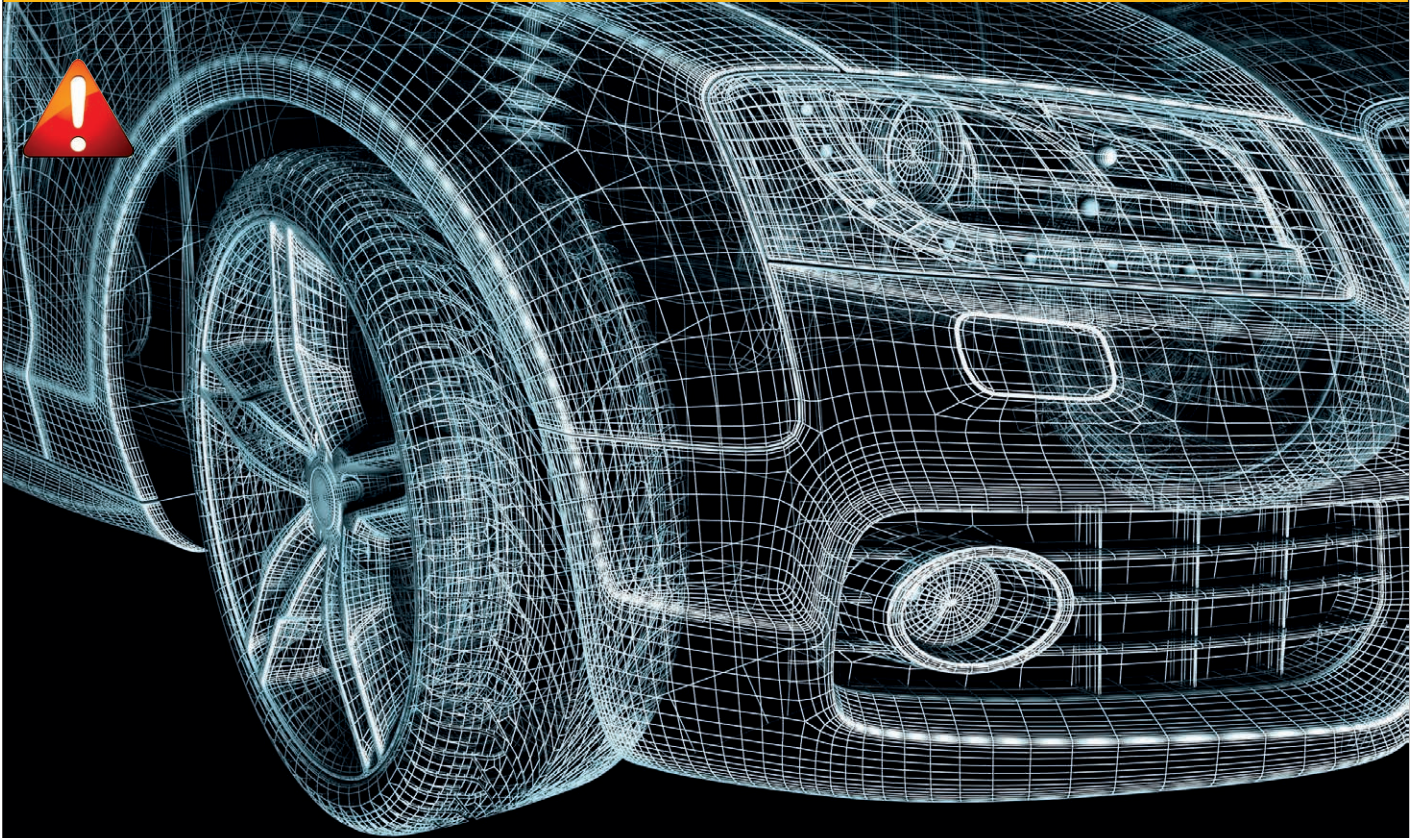
FOUR WAY WHEEL NUT WRENCH

- 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. 356-359



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
- Model 243MB -1 with plastic head on the hammer side, especially for painted weights
- matt chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0243000001000	243MB	240	9,5	1	390
0243000003000	243MB-1	240	9,5	1	345

198

TYRE TREAD GAUGE

- for measuring the tyre tread
- measuring range 0-30 mm
- reading accuracy 0,1 mm (vernier scale 1/10 mm)
- length of locating surface 23 mm
- solid brass



Code	Number	l/mm	Pieces	Weight/g
0198000000000	198	100	1	58

167-...

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 $\pm 1\%$ 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	1558

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	141

292-1

FILE FOR BRAKE SERVICE

- for removing braking dust and rust in the brake callipers of car disc brakes
- 4-sides rough milled
- 2-C-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

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	535

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	320	1	700
0329000236100	329-23	23	320	1	752
0329000316100	329-31	29	320	1	821

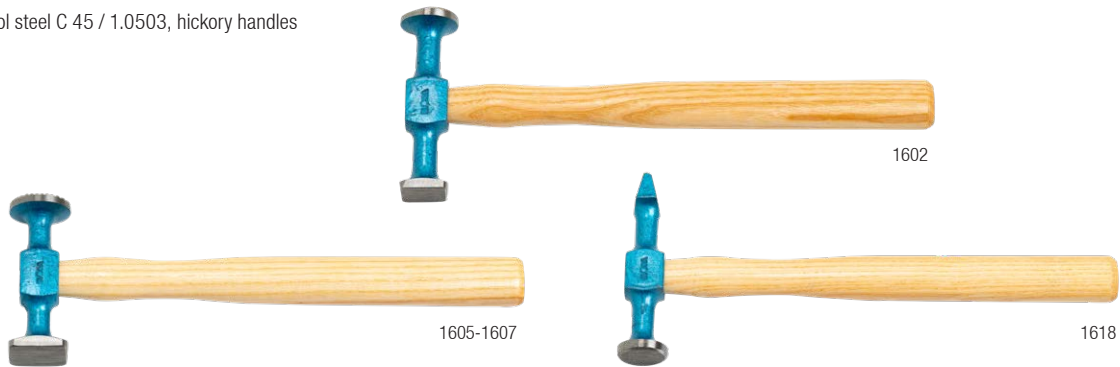


You will find precision vernier callipers for brake disc on page no. 408



1602-1618
BUMPING HAMMERS

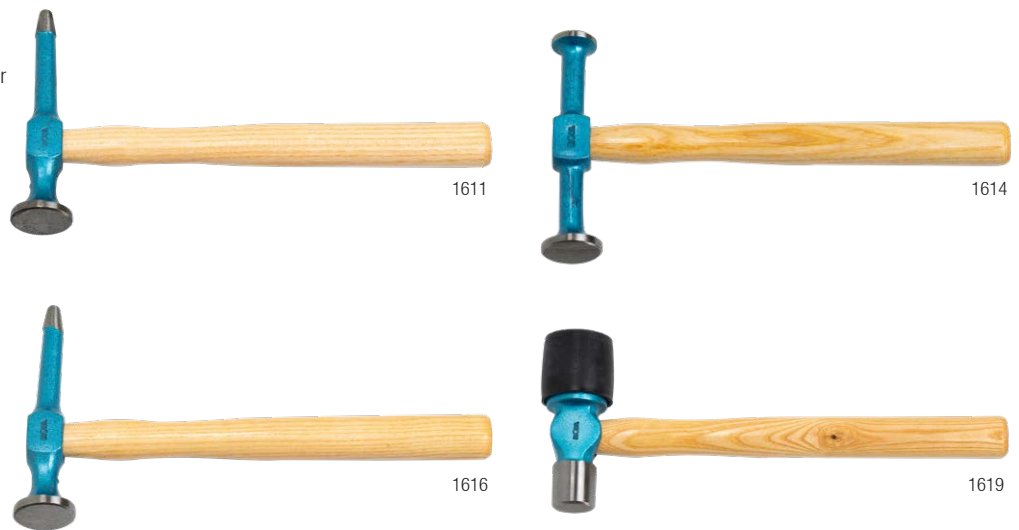
- forged, blue lacquered, faces ground or chequered
- high grade tool steel C 45 / 1.0503, hickory handles



Code	Number	round hammer head Ø mm	□ mm	Length hammer head Ø mm	l/mm	Productinformation	Pieces ☞	Weight/g ⚖
1602000000000	1602	32	25	105	300	Bumping hammer	1	300
1605000000000	1605	40 milled	35	95	310	Bumping hammer	1	380
1607000000000	1607	46 milled	40	115	335	Bumping hammer	1	600
1618000000000	1618	30	25 x 5	115	290	Bumping hammer	1	300

1611-1619
PICK-, BUMPING- AND EMBOSING HAMMERS

- forged
- blue lacquered, faces ground
- ELORA No. 1619 with replaceable rubber face ELORA No. 1619E
- hickory handle
- high grade tool steel C45 / 1.0503



Code	Number	Hammer head Ø x mm	Length hammer head mm	l/mm	Productinformation	Pieces ☞	Weight/g ⚖
1611000000000	1611	40 x pointed	165	300	Pick hammer, special shape	1	440
1616000000000	1616	40 x pointed	165	400	Embossing hammer	1	400
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

1623-1636

HAND ANVIL

- forged
- blue lacquered, faces ground
- high grade tool steel C45 / 1.0503

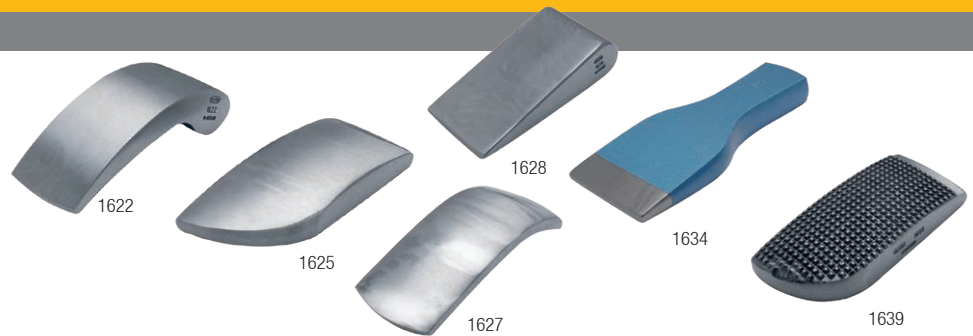


Code	Number	Productinformation	Measurement mm	Pieces	Weight/g
1623000000000	1623	Anvil dolly	62 x 80 x 70 x 100 x 40	1	1400
1624000000000	1624	Fender dolly	68 x 54 x 68	1	1200
1629000000000	1629	Heel dolly	80 x 60 x 35	1	1050
1635000000000	1635	Diabolo dolly	60 x Ø 56 x Ø 56	1	750
1636000000000	1636	Round anvil	130 x 48 x Ø 58	1	930

1622-1639

WEDGE DOLLY

- geschmiedet
- blau lackiert, Arbeitsflächen geschliffen oder kariert
- Vergütungsstahl 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
1639000000000	1639	Grid dolly	125 x 55 x 25	1	1100

1647-1649

BODY AND PRYBUMPING SPOONS

- forged
- blue lacquered, faces ground
- high grade tool steel C45 / 1.0503

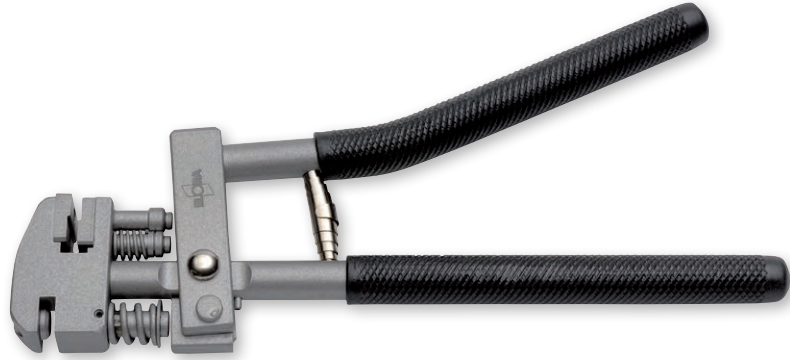


Code	Number	Productinformation	Measurement mm	Pieces	Weight/g
1647000000000	1647	Body spoon, heavy	390 x 25 x 58	2	950
1649000000000	1649	Prybumping spoon, heavy	500 x 58	1	2200

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 H	Pieces 📦	Weight/g ⚖️
1644000207000	1644-20	290	1	1221

355-...

SPOT WELD DRILL

- for exact drilling of spot welds
- with self-cutting centre tip
- HSS



Code	Number	mm	l/mm H	Pieces 📦	Weight/g ⚖️
0355000061000	355-6	6	66	12	19
0355000081000	355-8	8	79	12	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 H	Productinformation	Pieces 📦	Weight/g ⚖️
0354000000000	354	70	Spot-weld cutter	12	20
0354000000001	354-1	-	Spare part cutter 10 mm	12	5
0354000000002	354-2	-	Spare part centre pin	12	3

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	559

1640H

FILE HOLDER FOR CAR BODY FILES

- ▶ for file blades ELORA-No. 1641 (delivery without file blade)
- ▶ wood

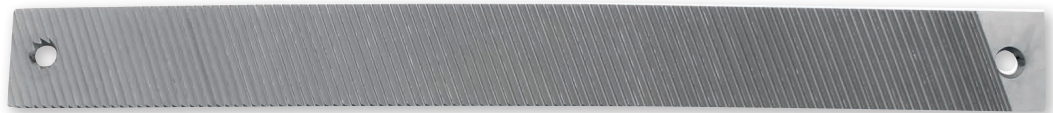


Code	Number	l/mm	Pieces	Weight/g
164000008000	1640H	535	1	349

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 PANNELLING EXTRACTION TOOL

- ▶ for dismantling 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 dismantling 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	243

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	511

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	372
0280000800000	280-80	60 kg	325	1	745

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	831

You will find screwdriver, extra long on page no. 275



You will find TORX® hexagonal key with t-handle, extra long on page no. 265



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	1394

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	1120

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	65

287

BATTERY ACID FILLER

- ▶ for filling conventional batteries with screw caps
- ▶ with rubber ball and PVC tube
- ▶ acid-resistant

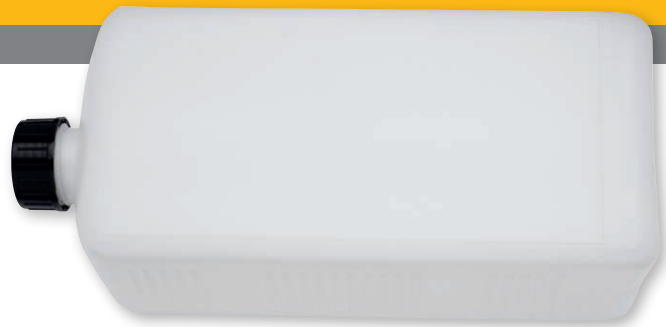


Code	Number	l/mm	Pieces	Weight/g
0287000000000	287	150	1	40

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

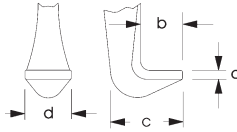


Code	Number	Contents	Pieces	Weight/g
0240000000000	240S12	Double Open Ended Spanner, ELORA-100-10x13 mm Waterpump Plier, ELORA-130BI-240 Terminal Puller, ELORA-174-50 Terminal brush, ELORA-252 Battery Testing unit, ELORA-270 Battery acid tester, ELORA-277 2 Battery plastic bottles, ELORA-278 Cable knife, 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

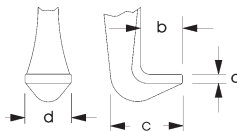


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174000506100	174-50	10-60	1,5	6,5	13,5	9	40	1	130

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

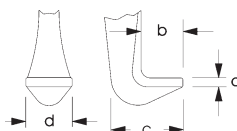


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174008026100	174-80/2	10-75	2,1	7	18	10,5	75	1	221

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

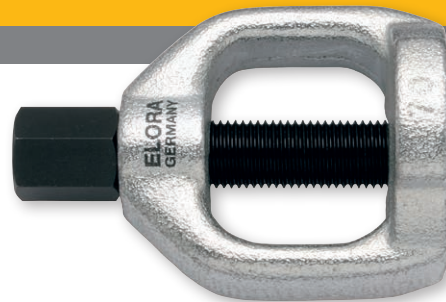


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174008036100	174-80/3	10-75	2,1	7	18	10,5	75	1	278

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	38	37	22	1	310
0168000236100	168-23	25	48	46	17	1	510
0168000296100	168-29	29	60	60	27	1	1450
0168000406100	168-40	40	80	71	27	1	2370
0168000466100	168-46	46	100	90	27	1	2730

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	20	50	19	1	1200
0169000806100	169-80	20	80	23	1	1500
0169000906100	169-90	40	90	19	1	4450
0169001156100	169-115	45	115	27	1	6300

328

JOINT BOLT PULLER

- for gentle removing of ball joint pivots on steering tie rods and stabilizers
- zinc-plated
- high grade tool steel

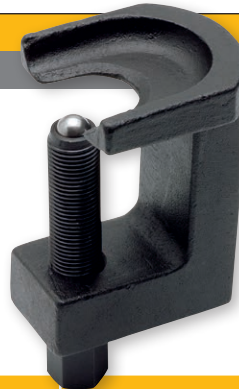


Code	Number	Span Width mm	l/mm	⌀ mm	Pieces	Weight/g
0328000506100	328	50	100	19	1	779

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	839
0323000286100	323-28	28	55	17	1	843
0323000346100	323-34	34	63	19	1	982

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

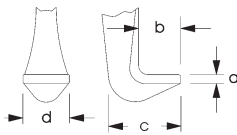


Code	Number	Legs	Bolt Circle mm	Pieces	Weight/g
0175000033000	175-3	3	to 225	1	3590
0175000053000	175-5	5	to 225	1	4795

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

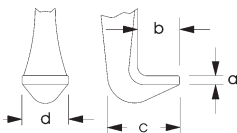


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Opening mm	mm	Pieces	Weight/g
0172001506100	172-150	20-150	2,5	9	22	16	85	15	1	900
0172002006100	172-200	40-220	2,5	12,5	27	27	130	19	1	2700

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)

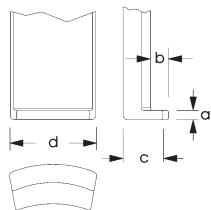


Code	Number	External Tension mm	Internal Tension mm	Span depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0173000806100	173-80	20-90	70-130	100	3	13	25	19	15	1	1100
0173001306100	173-130	25-130	80-180	100	3	13	25	19	15	1	1200
0173001606100	173-160	50-160	105-220	150	4	16	35	24	22	1	2860
0173002006100	173-200	60-200	120-270	150	4	16	35	24	22	1	3420
0173002506100	173-250	80-250	160-330	200	5,5	25	54	34	27	1	7480
0173003506100	173-350	80-350	160-420	200	5,5	25	54	34	27	1	8600
0173005206100	173-520	110-520	195-600	200	5,5	25	54	34	27	1	13000
0173006406100	173-640	140-640	225-715	225	5,5	25	54	34	27	1	23160

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)

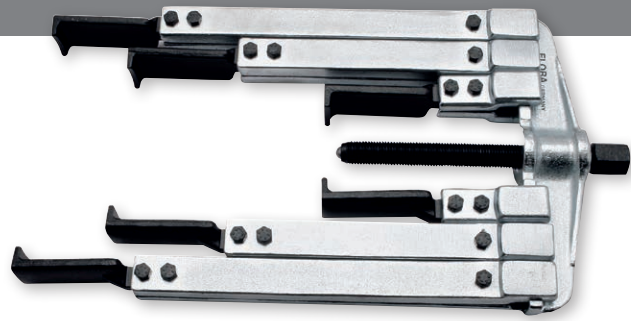


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0173020806100	173K-80	20-90	100	3,6	8	14	28	15	1	1000
0173021306100	173K-130	25-130	100	3,6	8	14	28	15	1	1200
0173021606100	173K-160	50-160	150	5	7,5	15	40	22	1	2850
0173022006100	173K-200	60-200	150	5	7,5	15	40	22	1	3400

173S-2

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
017350006100	173S-2	1 Bridge, Span width 25-130 mm 1 Spindle, Thread length 140 mm 2 Puller hooks, opening 100 mm 2 Puller hooks, opening 200 mm 2 Puller hooks, opening 250 mm	1	3300

173S-3

UNIVERSAL PULLER SET

- 2/3 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

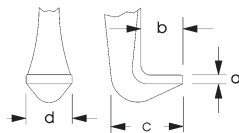


Code	Number	Contents	Pieces	Weight/g
017350006103	173S-3	1 Standard Puller 173-130 with bridge 1 Universal Puller 327-130 with bridge 1 pcs. each Hook 130 200 250 mm 1 Spindle M14x1,5x140	1	7423

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

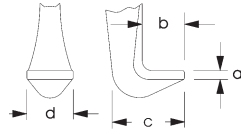


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0176001006100	176-100	20-120	120	3	10	22	15	12	1	480
0176002006100	176-200	20-165	145	4	13	23	15	15	1	780
0176002506100	176-250	35-230	220	4	15	31,5	24	19	1	2200
0176003006100	176-300	50-300	270	4,5	28	40	31	24	1	4560
0176004006100	176-400	50-400	400	6,5	27	48	31	24	1	5880
0176005006100	176-500	50-500	500	6,5	26	48	35	24	1	7400

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

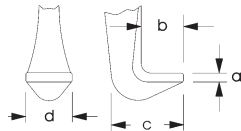


Code	Number	Extrenal Tension mm	Interal Tension mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0317000806100	317- 80	15-80	70-130	100	3	12	20	22	15	1	922
0317001206100	317-120	15-120	80-170	100	3	12	20	22	15	1	1052
0317001606100	317-160	20-160	110-210	150	3,5	15	31	28	22	1	2700
0317002006100	317-200	20-200	120-250	150	3,5	15	31	28	22	1	2920
0317002506100	317-250	40-250	170-300	200	5,5	22	43	38	27	1	6760
0317003506100	317-350	40-350	190-400	200	5,5	22	43	38	27	1	7760

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

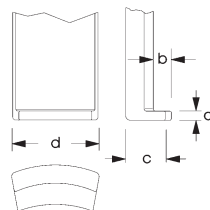


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0320001506100	320-150	20-150	85	2,5	22	22	16	15	1	1200
0320002006100	320-200	40-220	130	2,5	12,5	27	27	19	1	2900

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

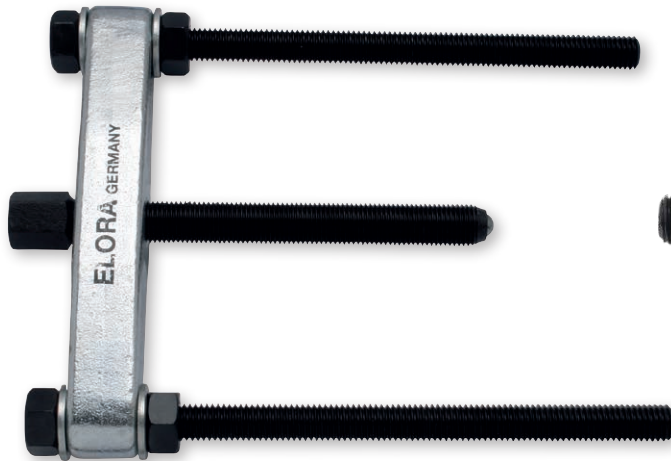


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0322001006100	322-100	6-100	70-85	2,5	4,5	8,5	23	12	1	430
0322001406100	322-140	10-140	85-120	3,5	5	10	31	17	1	1008

325, 326

SEPARATORS AND TAPERED BLADES

- for pulling off ball and roller bearings and close-fitting components
- zinc-plated, spindles gunmetal-finish
- high grade tool steel

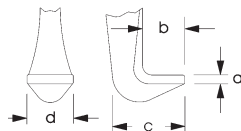


Code	Number	Ø mm	for separator	mm	mm	Pieces	Weight/g
0325000606100	325-60	5-60	326-45	17	M10	1	600
0325000756100	325-75	12-75	326-55	19	M12	1	800
0325001156100	325-115	22-115	326-60	24	M14	1	2100
0325001506100	325-150	30-155	326-85	30	M20	1	4500
0326000456100	326-45	45-110	-	15	M10	1	900
0326000556100	326-55	55-140	-	15	M12	1	2200
0326000606100	326-60	60-215	-	22	M14	1	5100
0326000856100	326-85	85-295	-	24	M20	1	8000

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

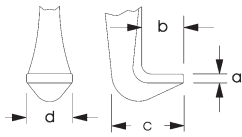


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0177001006100	177-100	20-120	120	3	10	22	15	12	1	610
0177002006100	177-200	20-165	145	4	13	23	15	15	1	1120
0177002506100	177-250	35-230	220	4	15	31,5	24	19	1	2820
0177003006100	177-300	50-300	270	4,5	28	40	31	24	1	5800
0177004006100	177-400	50-400	400	6,5	27	48	31	24	1	8100
0177005006100	177-500	50-500	500	6,5	26	48	35	24	1	10500

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

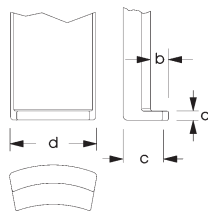


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	Ø mm	Pieces	Weight/g
0327000806100	327-80	20-90	100	3	13	25	19	17	1	1300
0327001306100	327-130	25-130	100	3	13	25	19	17	1	1500
0327001606100	327-160	50-160	150	4	16	35	24	22	1	3980
0327002006100	327-200	60-200	150	4	16	35	24	22	1	3900

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	Ø mm	Pieces	Weight/g
0327020806100	327K-80	20-90	100	3,6	8	14	28	15	1	1262
0327021306100	327K-130	25-130	100	3,6	8	14	28	15	1	1446
0327021606100	327K-160	50-160	150	5	7,5	15	40	22	1	3900
0327022006100	327K-200	60-200	150	5	7,5	15	40	22	1	4150

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	49
0372000076100	372-7	7-9	1	49
0372000106100	372-10	10-13	1	53
0372000146100	372-14	14-19	1	89
0372000206100	372-20	20-25	1	109
0372000256100	372-25	25-30	1	118
0372000306100	372-30	30-37	1	275
0372000386100	372-38	38-45	1	293
0372000406100	372-40	40-75	1	777

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	649
0373000356100	373-35	372-40	19	1	1586

372S10

INTERNAL EXTRACTOR SET

- 10 pcs.
- for extracting ball-bearings, ball-bearingrings and bushinger with a bore diameter of Ø 10–75 mm
- high grade tool steel
- in black plastic box with plastic foam insert



Code	Number	Contents	Pieces	Weight/g
0372501006100	372-S10	372-10, 372-14, 372-20, 372-25, 372-30, 372-38, 372-40, 373- 5, 373-35, M10/M12 Adaptor, M10 Hexagon long nut	1	6925

372-S14

PULLER SET

- 14 pcs.
- 3 Universal pullers for outside Ø 10-160 mm
- 7 internal pullers for bores Ø 10-75 mm
- 2 support braces
- 1 slide hammer
- high grade tool steel
- in black plastic box with plastic foam insert



Code	Number	Contents	Pieces	Weight/g
0372501406100	372-S14	174-50 173-80, 173-160, 372-10, 372-14, 372-20, 372-25, 372-30, 372-38, 372-40, 373-5, 373-35, M10/M12 Adaptor, M10 Hexagon long nut, 1 slide hammer	1	15546

176-S

WINDSCREEN WIPER ARM PULLER SET

- 8 pcs.
- for removing screen wiper arms
- heavy-duty, forged pattern
- zinc-plated, spindle gunmetal-finish
- high grade tool steel
- in black plastic box with plastic foam insert



Code	Number	Contents	Opening mm	depth mm	Span Ø mm	Pieces	Weight/g
0176500006100	176-S	1 pcs. each Puller 176-200 250 1 pcs. each Separator 325-75 115 1 pcs. each Puller 177-200 250 1 pcs. each Hook 145 220 mm					11200

325S-...

PULLER/SEPARATOR SET

- containing one puller, one separator and one set of drawbar extensions
- zinc-plated, spindle gunmetal-finish
- in black plastic box with plastic foam insert



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	2400
0325500806100	325S-80	Extension 1 piece each 325-75, 326-55	150	12-75	1	2980
0325501006100	325S-100	Extension 1 piece each 325-115, 326-60	210	22-115	1	7480
0325501506100	325S-150	Extension 1 piece each 325-150, 326-85	315	25-155	1	12920