

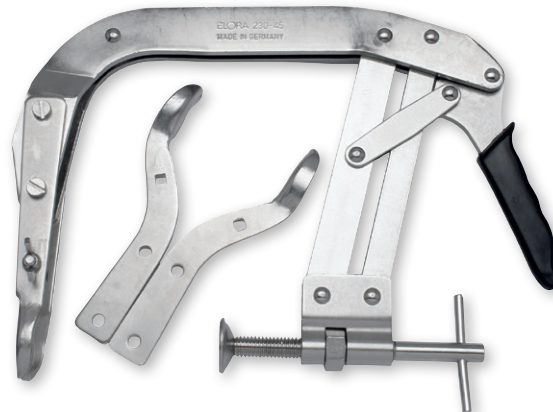


Working 12 months a year for the ELORA family, from morning to night. Except at Christmas! This is the time to be spent with private family and friends.

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
0230401153000	230E-115	Spare jaw, straight	-	1	114
0230401503000	230E-150	Spare jaw, cranked	-	1	106

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	5-15	1	359
0178000201000	178-20	5-20	1	412
0178000221000	178-22	10-19	1	370
0178000281000	178-28	18-28	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

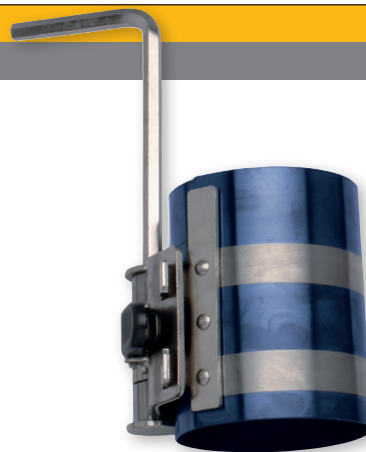
You will find scrapers
on page no. 480



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

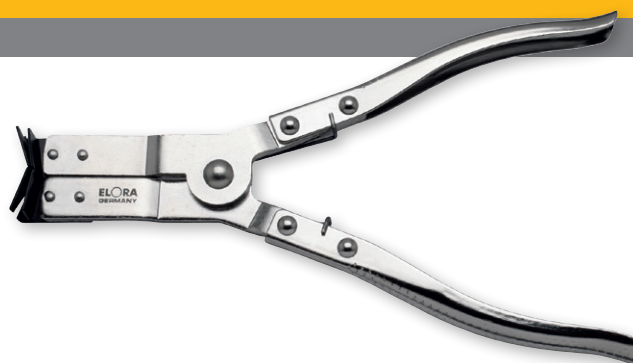


Code	Number	Span Ø mm	l/mm 	Pieces 	Weight/g
0235000503000	235-50	50-100	200	1	294
0235000803000	235-80	80-120	220	1	335
0235001103000	235-110	90-150	240	1	484

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

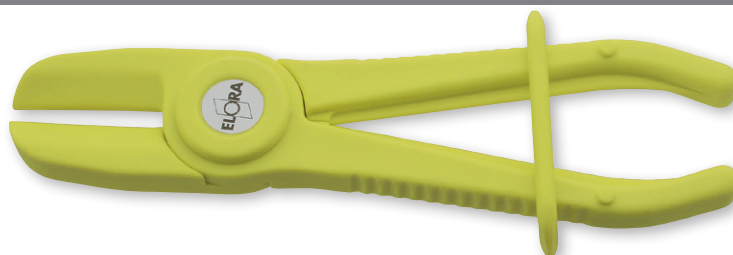


Code	Number	l/mm	Pieces	Weight/g
0244000030000	244-3	206	1	200

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

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	234

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	272
0374000021000	374-2	bent	280	1	276

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. 474



You will find chain pipe or exhaust pipe cutters on page no. 355



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. 501



You will find inspection mirrors on page no. 501



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

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	354
0190000803000	190-80	80-110	240	1	390

You will find claws
on page no. 501



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

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	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-high grade tool steel C45 / 1.0503



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

464-...

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	464-200Bl	200	8	1	247

465-...

SPARK PLUG PLIER

- for difficult to access spark plug sockets
- jaw length 50mm
- Bl: matt chrome plated
- Al: gunmetal finished
- 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	465-230Al	50	240	9,5	1	280
0465002301100	465-230Bl	50	240	9,5	1	275
0465003005100	465-300Al	50	300	12	1	350
0465003001100	465-300Bl	50	300	12	1	353

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	Ø		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

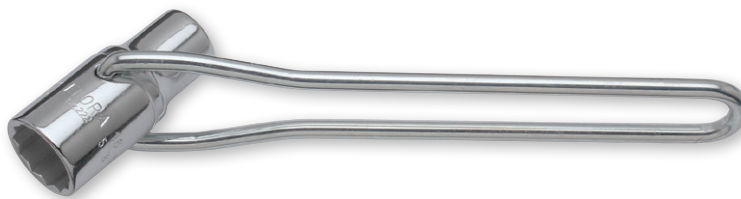


Code	Number	Ø mm	l/mm	Pieces	Weight/g
0229000000000	229D	8	185	6	74

222-...

SPARK PLUG WRENCH

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



Code	Number	mm		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		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. 118



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	193
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	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

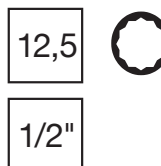


Code	Number	Edge mm	 mm	 mm	Pieces 	Weight/g 
0580000451000	580-45	3	45	120	6	14

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

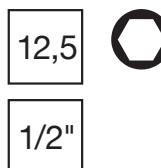







Code	Number	 mm	l/mm 	Pieces 	Weight/g 
0770035701000	770-LTD	27	80	1	267

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 **craw foot spanners** on page no. 142



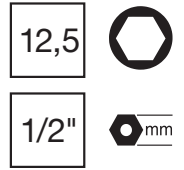
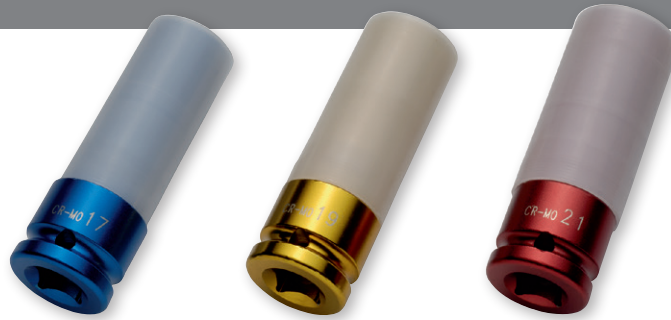
You will find **impact sockets 1/2", extra deep** on page no. 205



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

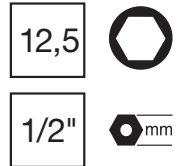


Code	Number	Colour	l/mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790026155101	790LTP-15	dark green	85	7903-25	7904-24	6	200
0790026175101	790LTP-17	blue	85	7903-25	7904-24	6	200
0790026195101	790LTP-19	yellow	85	7903-25	7904-24	6	220
0790026215101	790LTP-21	red	85	7903-25	7904-24	6	240
0790026225101	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

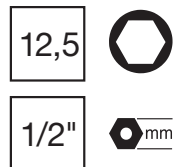
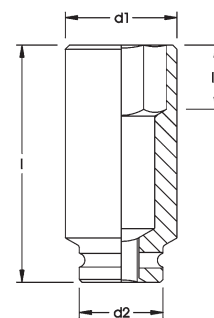


Code	Number	Contents	Pieces	Weight/g
0790526005100	790-LTPS3	790LTP- 17 mm blue, 19 mm yellow, 21 mm red	6	833

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

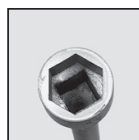


Code	Number	l/mm	l1 mm	d1 mm	d2 mm	Locking Pin	Locking Ring	Pieces	Weight/g
0790000175101	790DW-17	52	24	24,5	30	7903-25	7904-24	6	130
0790000195101	790DW-19	52	24	27	30	7903-25	7904-24	6	140
0790000215101	790DW-21	52	24	30	30	7903-25	7904-24	6	160

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

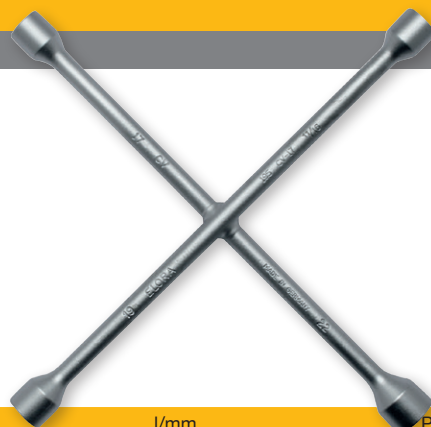


Code	Number	mm	l/mm	Pieces	Weight/g
0185000171000	185-17	17	375	3	620
0185000191000	185-19 / 3/4	19 (3/4 AF)	400	3	750

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

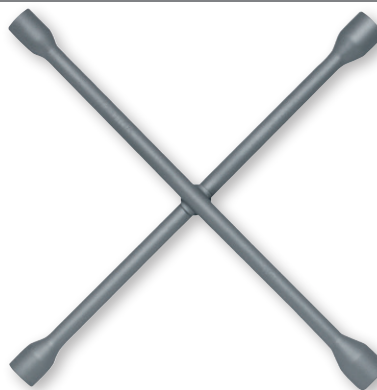


Code	Number	Size	l/mm	Pieces	Weight/g
0195000176100	195WS-17	17, 19, 22, 13/16 AF	410	1	1280
0195100236100	195WS-1/2	17, 19, 22, 1/2" male square drive	410	1	1280

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

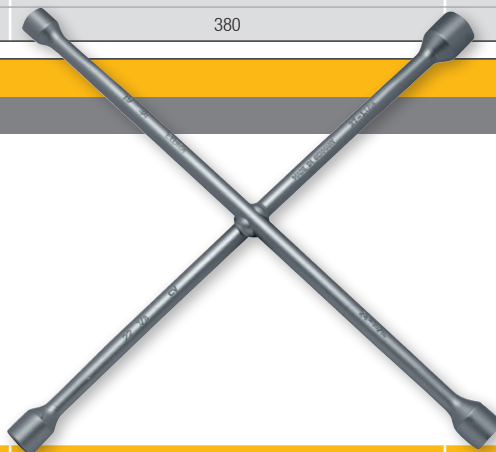


Code	Number	Size	l/mm	Pieces	Weight/g
0195000171000	195CV-17	17, 19, 22, 11/16 AF	380	1	1300
0195100261000	195CV-5/8	5/8, 11/16, 3/4, 7/8 AF	380	1	1300

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. 155



196-...

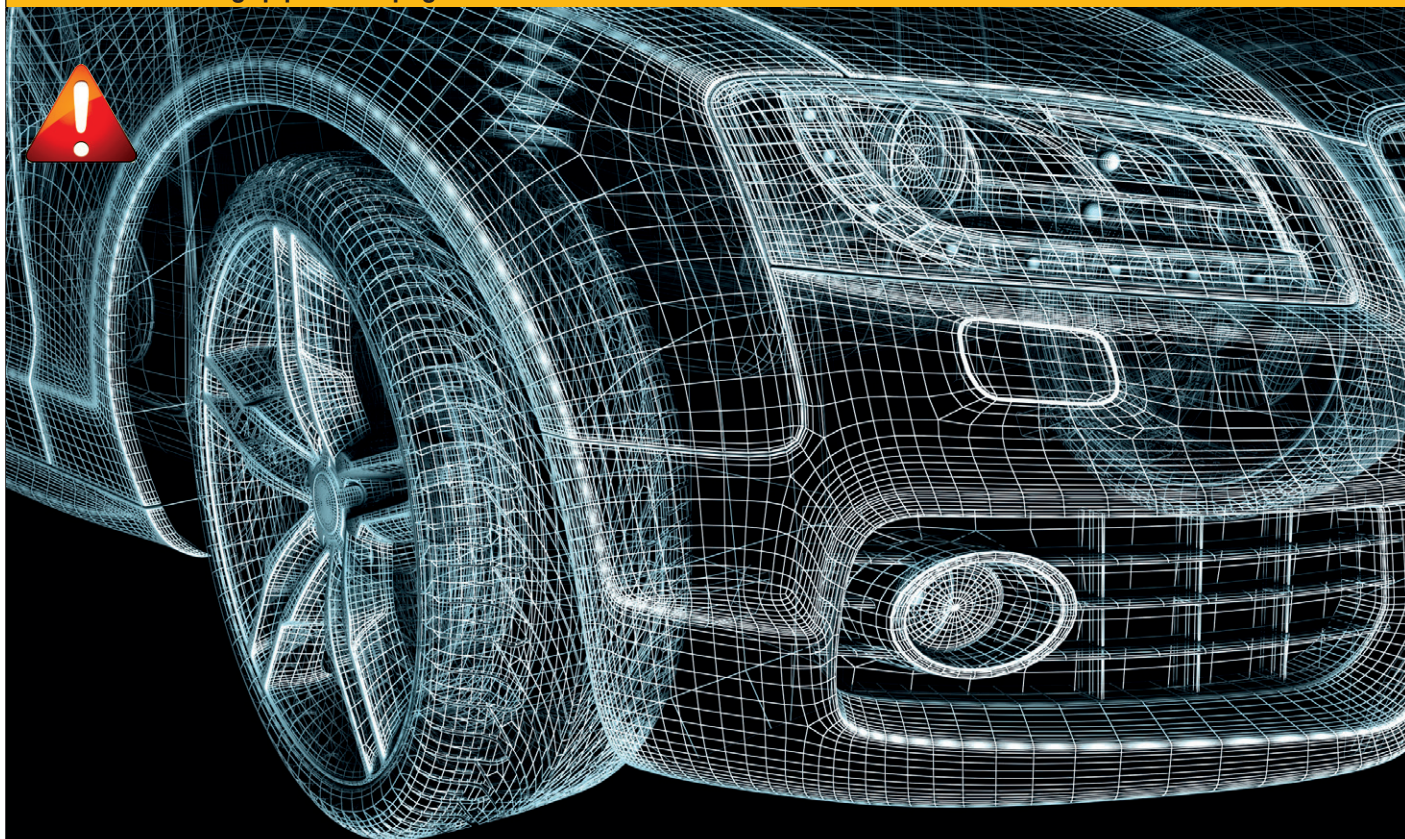
FOUR WAY WHEEL NUT WRENCH

- 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
- chrome-plated
- Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	l/mm	Pieces	Weight/g
0243000001000	243MB	240	1	390

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
- 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

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	300
0480003301000	480-330	330	1	419

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-...

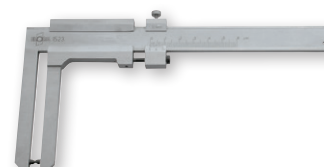
SEPARATOR "FORK"-TYPE

- 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	330	1	846
0329000236100	329-23	23	330	1	916
0329000316100	329-31	31	330	1	1036

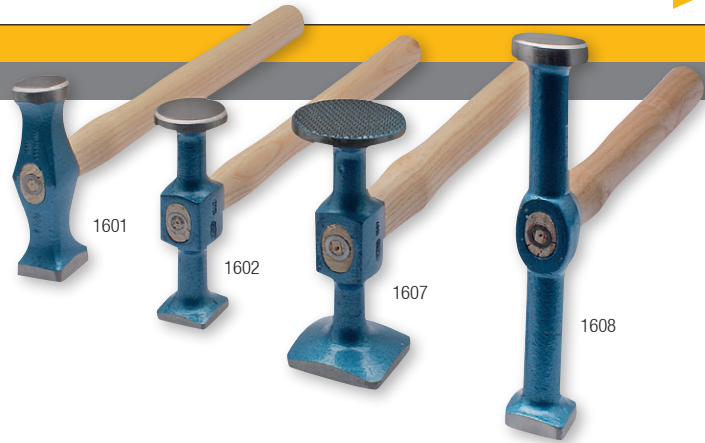
You will find precision vernier callipers for brake disc on page no. 408



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 EMBOSING 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 rubber face ELORA No. 1619E
- ash handle
- high grade tool steel C45 / 1.0503

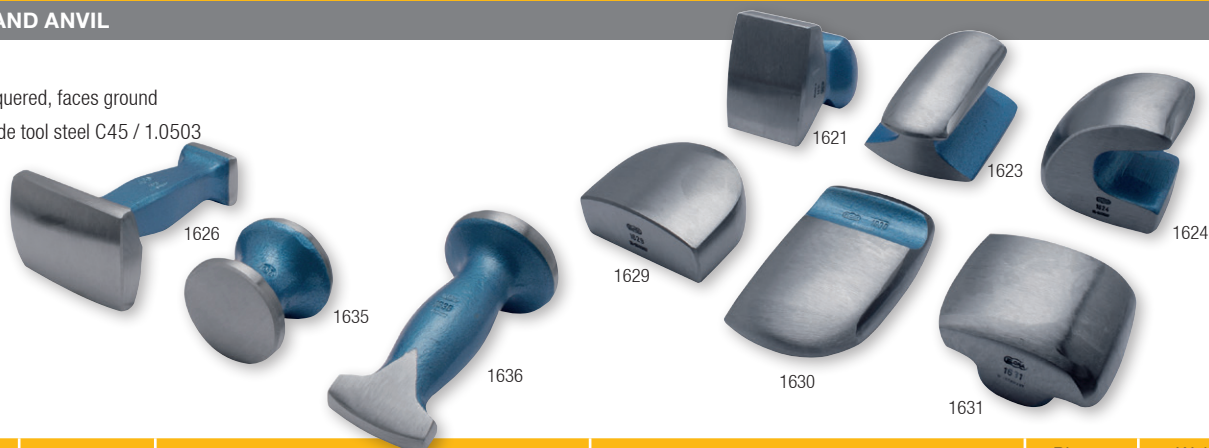


Code	Number	Hammer head Ø mm	Length hammer head Ø mm	l/mm	Productinformation	Pieces	Weight/g
1613000000000	1613	28	160	330	Fender bumping hammer	1	680
1614000000000	1614	40 x 30	155	300	Bumping hammer	1	430
1619000000000	1619	55 x 33	140	395	Combination mallet and Bumping hammer with replaceable rubber 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

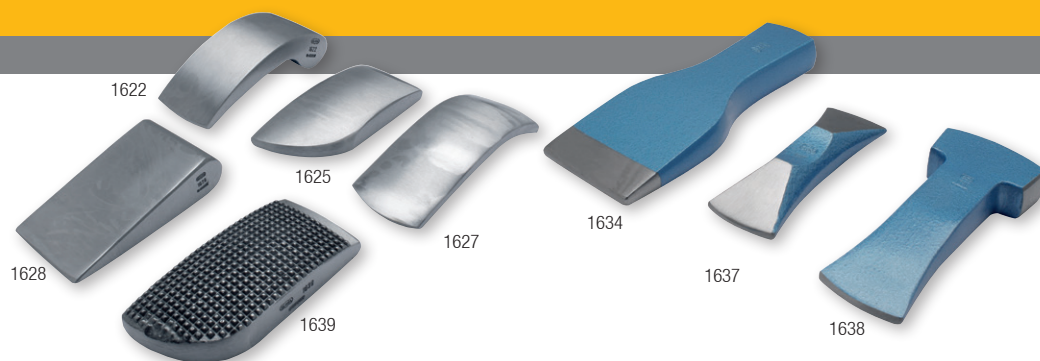
You will find rubber mallets on page no. 372



1622-1639

WEDGE DOLLY

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

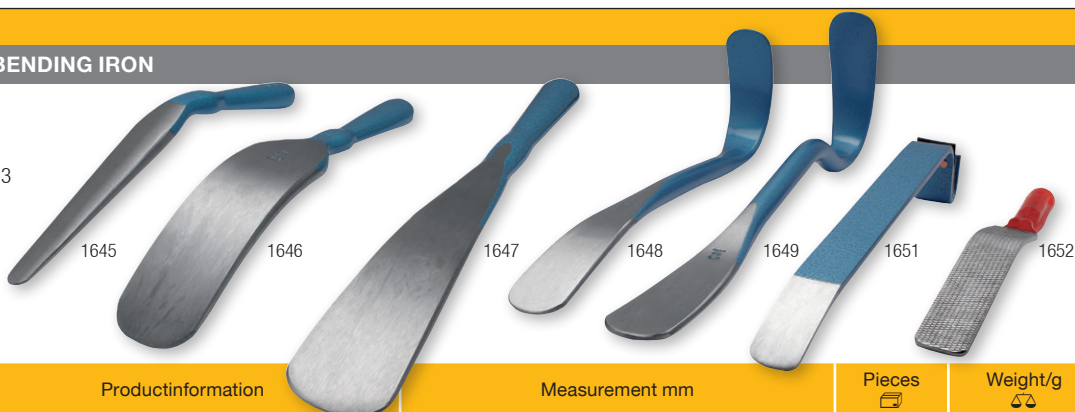


Code	Number	Productinformation	Measurement mm	Pieces	Weight/g
1622000000000	1622	Anvil dolly	130 x 55	1	950
1625000000000	1625	Fender dolly	120 x 56 x 21	1	760
1627000000000	1627	Curved dolly	145 x 52	1	550
1628000000000	1628	Grid dolly	112 x 64	1	900
1634000000000	1634	Wedge dolly	192 x 45 x 77	1	1600
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	1221

You will find seaming or bending pliers on page no. 336



You will find radiator drain sockets on page no. 436



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	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	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

You will find slit or body chisels on page no. 378



You will find axial or grip pliers on page no. 350-356



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

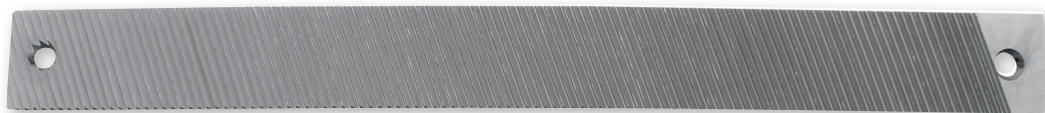


Code	Number	l/mm	Pieces	Weight/g
164000008000	1640H	535	1	349

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

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	117

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. 271



You will find TORX® hexagonal key with t-handle, extra long on page no. 261



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	1480

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	131

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

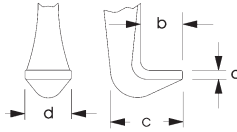


Code	Number	Contents	Pieces	Weight/g
0240000000000	240S12	Double Open Ended Spanner, ELORA-100-10x13 mm Waterpump Plier, ELORA-130MB-240 Terminal Puller, ELORA-174-50 Terminal brush, ELORA-252 Battery Testing unit, ELORA-270 Battery acid tester, ELORA-277 2 Battery plastic bottles, ELORA-278 Cable knife,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

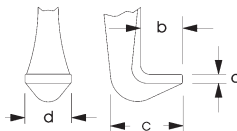


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174000506100	174-50	10-60	1	5	12	8	40	1	160

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

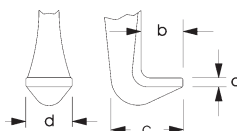


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174008026100	174-80/2	10-90	1,8	10	20	12	84	1	350

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

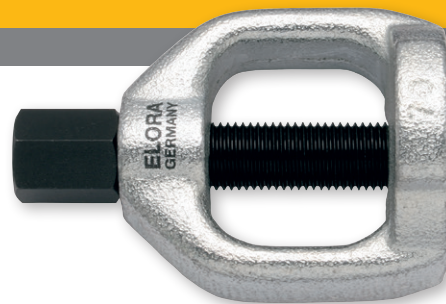


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Span depth mm	Pieces	Weight/g
0174008036100	174-80/3	10-90	1,8	10	20	12	84	1	450

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	597
0168000296100	168-29	29	60	60	19	1	920
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	1700
0169000906100	169-90	36	90	22	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

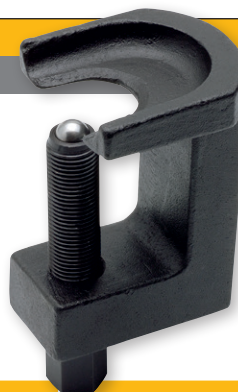


Code	Number	Span Width mm	l/mm	⌀ mm	Pieces	Weight/g
0328000506100	328	50	100	19	1	779

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	3700
0175000053000	175-5	5	to 225	1	4700

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

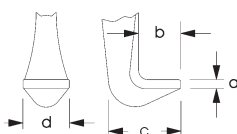


Code	Number	max. Span Width mm	max. depth mm	Pieces	Weight/g
0314500306100	314S3	195	88	1	2740

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

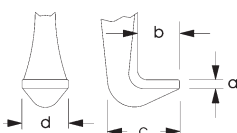


Code	Number	Span Width mm	a mm	b mm	c mm	d mm	Opening mm	mm	Pieces	Weight/g
0172001506100	172-150	20-150	2	9	21	12	85	17	1	900
0172002006100	172-200	40-220	4	11	25	21	130	19	1	2100

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)

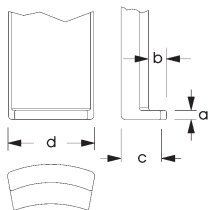


Code	Number	External Tension mm	Internal Tension mm	Span depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0173000806100	173-80	20-90	70-130	100	3	13	25	20	17	1	1100
0173001306100	173-130	25-130	80-180	100	3	13	25	20	17	1	1200
0173001606100	173-160	50-160	105-220	150	4	16	35	25	22	1	2860
0173002006100	173-200	60-200	120-270	150	4	16	35	25	22	1	3420
0173002506100	173-250	80-250	160-330	200	5	25	54	35	27	1	7480
0173003506100	173-350	80-350	160-420	200	5	25	54	35	27	1	8600
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	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	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	2850
0173022006100	173K-200	60-200	150	5	7,5	15	40	22	1	3400

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

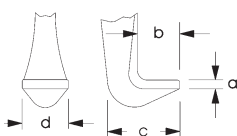


Code	Number	Contents	Pieces	Weight/g
0173500006100	173S	1 Bridge, Span width 25-130 mm 1 Spindle, Thread length 130 mm 2 Puller hooks, opening 100 mm 2 Puller hooks, opening 200 mm 2 Puller hooks, opening 250 mm	1	3300

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

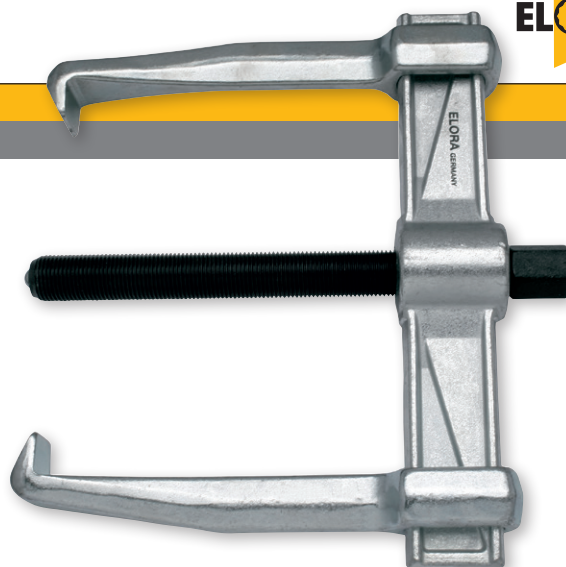
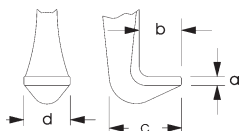


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0176001006100	176-100	18-100	85	2	10	20	14	12	1	450
0176002006100	176-200	20-200	150	3	14	25	18	17	1	980
0176002506100	176-250	35-250	220	4	20	36	25	19	1	2450
0176003006100	176-300	50-300	250	5	25	48	30	22	1	5300
0176003506100	176-350	50-350	350	5	25	48	30	22	1	6300
0176004006100	176-400	50-400	400	5	25	48	30	22	1	6700
0176004506100	176-450	50-450	450	5	25	48	30	22	1	7200
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

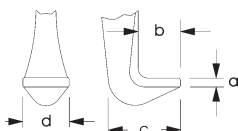


Code	Number	Extrenal Tension mm	Interal Tension mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0317000806100	317- 80	15-80	70-130	100	3	12	22	22	17	1	922
0317001206100	317-120	15-120	80-170	100	3	12	22	22	17	1	1052
0317001606100	317-160	20-160	110-210	150	4	18	30	29	22	1	2700
0317002006100	317-200	20-200	120-250	150	4	18	30	29	22	1	2920
0317002506100	317-250	40-250	170-300	200	6,5	23	43	38	27	1	6760
0317003506100	317-350	40-350	190-400	200	6,5	23	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

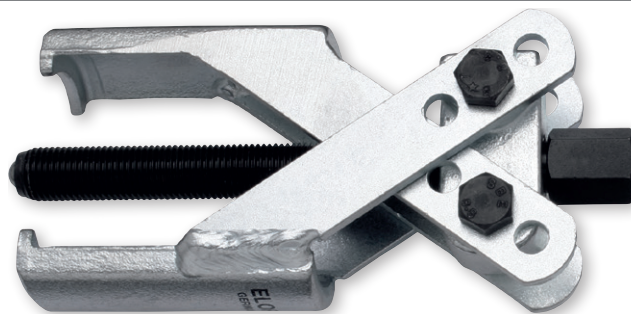
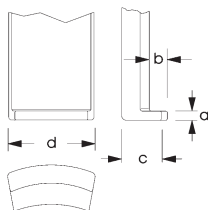


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0320001506100	320-150	20-150	85	2	9	21	12	17	1	1184
0320002006100	320-200	40-220	130	4	11	25	21	19	1	2800

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

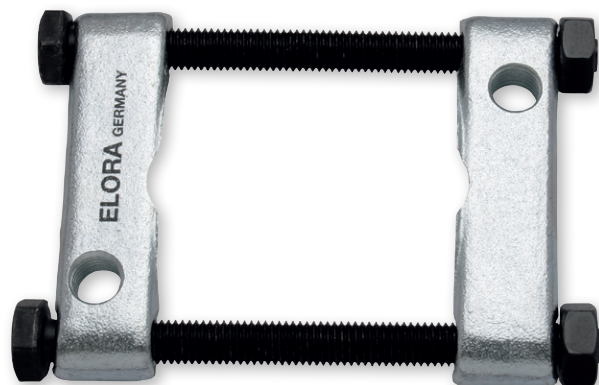


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0322001006100	322-100	6-100	70-85	2,5	4,5	8,5	23	12	1	430
0322001406100	322-140	10-140	85-120	3,5	5	10	31	17	1	1008

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

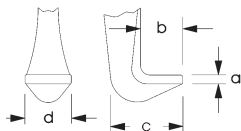


Code	Number	Ø mm	for separator	mm	mm	Pieces	Weight/g
0325000606100	325-60	5-60	326-45	17	M12	1	390
0325000756100	325-75	12-75	326-45	19	M12	1	650
0325001156100	325-115	22-115	326-80	24	M16	1	1753
0325001506100	325-150	25-155	326-100	30	M20 x 1,5	1	3900
0326000456100	326-45	45-140	-	17	M12	1	1027
0326000806100	326-80	55-205	-	22	M16	1	2800
0326001006100	326-100	90-260	-	22	M20 x 1,5	1	5000

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

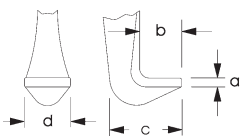


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0177001006100	177-100	18-100	85	2	8	20	17	12	1	500
0177002006100	177-200	20-200	150	3	12	25	18	17	1	1700
0177002506100	177-250	35-250	220	3	18	32	18	19	1	3900
0177003006100	177-300	50-300	250	5	22	50	30	22	1	7300
0177003506100	177-350	50-350	350	5	22	50	30	22	1	8300
0177004006100	177-400	50-400	400	5	22	50	30	22	1	8800
0177004506100	177-450	50-450	450	5	22	50	30	22	1	9400
0177005006100	177-500	50-500	500	5	22	50	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

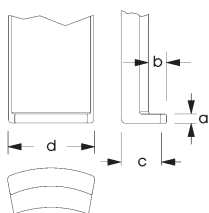


Code	Number	Span Width mm	Span Depth mm	a mm	b mm	c mm	d mm	mm	Pieces	Weight/g
0327000806100	327-80	20-90	100	3	13	25	20	17	1	1300
0327001306100	327-130	25-130	100	3	13	25	20	17	1	1500
0327001606100	327-160	50-160	150	4	16	35	25	22	1	3980
0327002006100	327-200	60-200	150	4	16	35	25	22	1	3900

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	1262
0327021306100	327K-130	25-130	100	3,6	8	14	28	17	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
0372000716100	372-70	70-115	1	1372

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
0373000706100	373-70	372-40 and 372-70	19	1	3380

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	6750

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 slide hammer
- 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 slide hammer	1	15380

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 wiper with water jet in the centre of the hub 1 spindle extension 8 hooks	260	68	210	1	2250

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	2400
0325500806100	325S-80	Extension 1 piece each 325-75, 326-45	150	12-75	1	2980
0325501006100	325S-100	Extension 1 piece each 325-115, 326-80	210	22-115	1	7480
0325501506100	325S-150	Extension 1 piece each 325-150, 326-100	315	25-155	1	12920

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	4200
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





DIFFERENT TOOLS

Pipe- and Plumber's Tools _____	Page 474
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