

# 08

## PLIERS, CUTTERS AND SHEARS



Precision Pliers _____	Page 330
Profi Classic Pliers _____	Page 336
Different Pliers _____	Page 339
Waterpump Pliers and Pipe Wrenches ____	Page 341
Heavy duty Jaw Cutters _____	Page 346
Revolving punch Pliers and Eyes _____	Page 348
Tinmas Shears _____	Page 349
Shears _____	Page 353
Grip Pliers _____	Page 354
Circlip Pliers _____	Page 362

**490-BI...**

**HEAVY DUTY SIDE CUTTER**

- high cutting performance with minimal effort
- maximum stability under load by additional inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm<sup>2</sup>)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0490001452000	490BI-145	2,0	1,6	145	5,75	1	140
0490001652000	490BI-165	2,5	2,0	170	6,75	1	215
0490002002000	490BI-200	3,0	2,5	210	8,25	1	290

**492-BI...**

**SIDE CUTTER**

- oval head
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm<sup>2</sup>)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0492001452000	492BI-145	4	2,5	145	5,75	1	185
0492001602000	492BI-160	4	2,8	160	6,25	1	220
0492001802000	492BI-180	4	3	180	7	1	250

08

**494 BI**

**WIRE STRIPPER WITH RESTRICTED OPENING**

- self opening by spring
- V-shaped jaws for stripping of plastic insulation from single and multi-wire conductors
- adjustment of opening position to required diameter by adjustable screw with locknut
- for wires from Ø 0,8 to 6,0 mm
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0494000002000	494BI	160	6,25	1	190

### 494S-0,5 BI

#### WIRE STRIPPER

- self-adjusting blades in respect of diameter to be stripped
- for stripping of single or multi-wire conductors
- for wires from Ø 0,5 to 5,0 mm
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0494000052000	494S-0,5BI	160	6,25	1	215

### 485-BI

#### HEAVY DUTY END CUTTER

- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300N/mm<sup>2</sup>)
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C60 / 1.0601
- similar DIN ISO 5748



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0485000002000	485BI	2,5	2,2	170	6,75	1	220

### 495-BI...

#### COMBINATION PLIER, GERMAN PATTERN

- strong edition for tough conditions
- lay on cutter box for better cutting
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-64 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm<sup>2</sup>)
- serrated gripping surface and burner hole
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5746



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0495001652000	495BI-165	3,0	2,0	165	6,5	1	215
0495001852000	495BI-185	3,2	2,2	185	7,25	1	255
0495002052000	495BI-205	3,6	2,5	205	8,0	1	330

### 470-BI...

#### SNIBE NOSE PLIER WITH SIDE CUTTER, STRAIGHT PATTERN

- serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0470001652000	470BI-165	165	6,5	1	130
0470000002000	470BI-200	200	8	1	215

### 471-45 BI...

#### SNIBE NOSE PLIER WITH SIDE CUTTER, BENT

- 45° bent, serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0471001602000	471-45 BI 165	165	6,5	1	145
0471000002000	471-45 BI 200	200	8	1	210

### 471-90 BI 200

#### SNIBE NOSE PLIER WITH SIDE CUTTER, BENT

- 90° bent, serrated gripping surface, burner hole and side cutter
- maximum stability under load of the blades by inductive hardening
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- similar DIN ISO 5745



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0471092002000	471-90 BI 200	200	8	1	220

### 476BI-170

#### FLAT NOSE PLIER

- for holding and bending
- short jaws, serrated gripping surface
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0476001702000	476BI-170	165	6,5	1	150

### 477-BI-...

#### ROUND NOSE PLIER

- with long jaws, serrated gripping surface
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0477001452000	477BI-145*	145	5,75	1	125
0477001702000	477BI-170	160	6,25	1	115

### 404-S3

#### MECHANIC'S PLIER SET

- 3 pcs.
- carton box packed
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished



Code	Number	Contents	Pieces	Weight/g
0404500301000	404-S3	470-BI 200 Snap Nose Plier with side cutter, straight pattern 490-BI 165 Heavy Duty Side Cutter 495-BI 185 Engineer's Plier, German pattern	1	685

### 404-S31

#### MECHANIC'S PLIER SET

- 3 pcs.
- carton box packed
- chrome-plated, polished



Code	Number	Contents	Pieces	Weight/g
0404500311000	404-S31	132-240 Waterpump Plier 490-BI 165 Heavy Duty Side Cutter 495-BI 185 Engineer's Plier, German pattern	1	815

You will find VDE- and electronic pliers on page no. 316



### 404-S4

#### ELECTRICIAN'S PLIER SET

- 4 pcs.
- carton box packed
- nonslip QUATROLIT®-2C-handles
- chrome-plated, polished



Code	Number	Contents	Pieces	Weight/g
0404500401000	404-S4	470-BI 165 Snipe Nose Plier with side cutter, straight pattern 490-BI 165 Heavy Duty Side Cutter 494 BI Wire Stripper with restricted opening 495-BI 185 Engineer's Plier, German pattern	1	980

### 504-S8

#### MECHANIC' SET

- 8 pcs.
- assortment in convenient plastic case



Code	Number	Contents	Pieces	Weight/g
0504500801000	504-S8	470-BI 200 Snipe Nose Plier with side cutter, straight pattern 490-BI 165 Heavy Duty Side Cutter 495-BI 185 Engineer's Plier, German pattern 545-IS 100, IS 125, IS 150 Screwdriver, plain slotted 547-PH1, PH2 Screwdriver, cross slotted	1	1600

### 949 H

#### PLIERS HOLDER

- for presentation of pliers on perforated display walls
- empty, without pliers



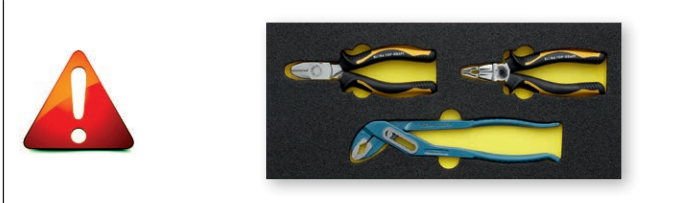
Code	Number	l/mm	Pieces	Weight/g
0949000206000	949 H	200	1	160

You will find special automotive pliers on page no. 437

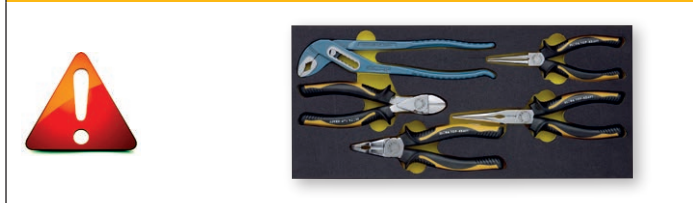


08

You will find the matching OMS-10 module on page no. 53



You will find the matching OMS-5 module on page no. 54

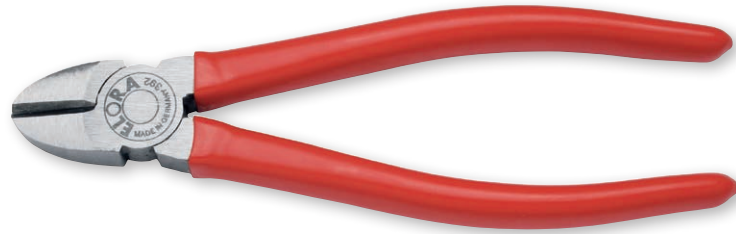


You will find the matching OMS-21 module on page no. 64



**392-...**
**SIDE CUTTER**

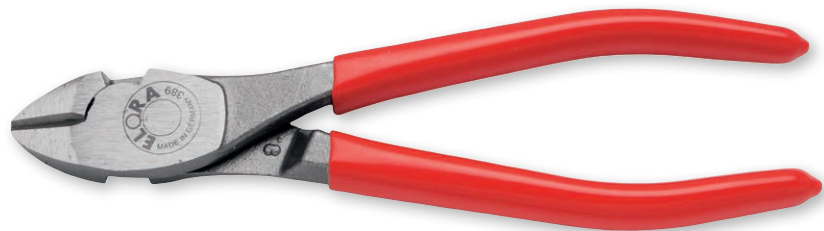
- oval head
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm<sup>2</sup>)
- ground, with red dip insulated handles
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0392001455100	392-145	2,2	1,4	145	5,75	1	150
0392001605100	392-160	2,4	1,7	160	6,25	1	180

**389-...**
**HEAVY DUTY SIDE CUTTER**

- high cutting performance with minimal effort
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-65 HRC
- for hardened steel wire, piano wire (tensile strength 2300 N/mm<sup>2</sup>)
- ground, with red dip insulated handles
- ELORA-high grade tool steel C60 / 1.0601
- according to DIN ISO 5749



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0389001705100	389-170	2,5	2,0	165	6,5	1	220
0389002005100	389-200	3,0	2,5	200	8	1	260

**395-...**
**COMBINATION PLIER**

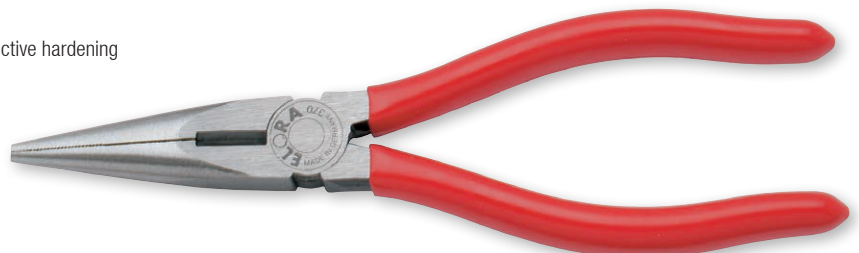
- strong edition for tough conditions
- maximum stability under load by inductive hardening
- cutting edge hardness: 63-64 HRC
- for medium hard wire, steel wire (tensile strength 1600N/mm<sup>2</sup>)
- serrated gripping surface and burner hole
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5746



Code	Number	Ø mm	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0395001605100	395-160	2,5	1,8	160	6,25	1	190
0395001805100	395-180	2,8	2,0	180	7,0	1	260
0395002005100	395-200	3,0	2,5	200	8	1	330

**370-...**
**SNIBE NOSE PLIER WITH SIDE CUTTER, STRAIGHT**

- serrated gripping surface and side cutter
- maximum stability under load of the blades by inductive hardening
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



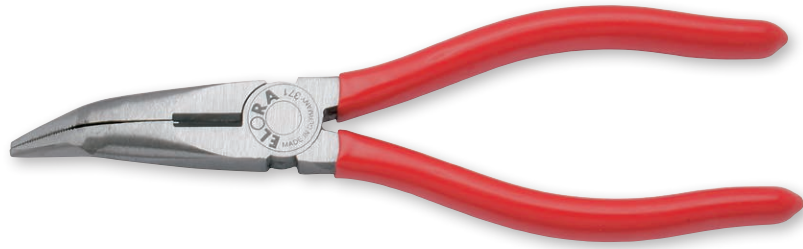
Code	Number	l/mm	l/Inch	Pieces	Weight/g
0370001605100	370-160	165	6,5	1	130
0370002005100	370-200	200	8	1	170



### 371-...

#### SNIPE NOSE PLIER WITH SIDE CUTTER, BENT

- 45° bent, serrated gripping surface and side cutter
- maximum stability under load of the blades by inductive hardening
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745

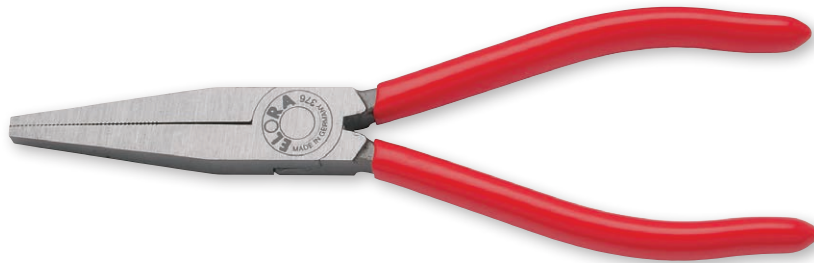


Code	Number	l/mm ┌──┐	l/Inch ┌──┐	Pieces ☞	Weight/g ⚖
0371001605100	371-160	165	6,5	1	130
0371002005100	371-200	200	8	1	170

### 376-160

#### FLAT NOSE PLIER

- for holding and bending
- long, flat jaws, rippled serrated surface
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm ┌──┐	l/Inch ┌──┐	Pieces ☞	Weight/g ⚖
0376001605100	376-160	160	6,25	1	140

### 377-160

#### ROUND NOSE PLIER

- long jaws, serrated gripping surface
- ground, with red dip insulated handles
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 5745



Code	Number	l/mm ┌──┐	l/Inch ┌──┐	Pieces ☞	Weight/g ⚖
0377001605100	377-160	160	6,25	1	118

08

You will find VDE- and electronic pliers on page no. 316



### 304-S3

#### MECHANIC'S PLIER ASSORTMENT

- 3 pcs.
- carton box packed
- ground, with red dip insulated handles



Code	Number	Contents	Pieces	Weight/g
0304500301000	304-S3	370-200 Snipe Nose Plier with side cutter, straight 389-170 Heavy Duty Side Cutter 395-180 Combination Plier	1	715

### 304-S31

#### MECHANIC'S PLIER ASSORTMENT

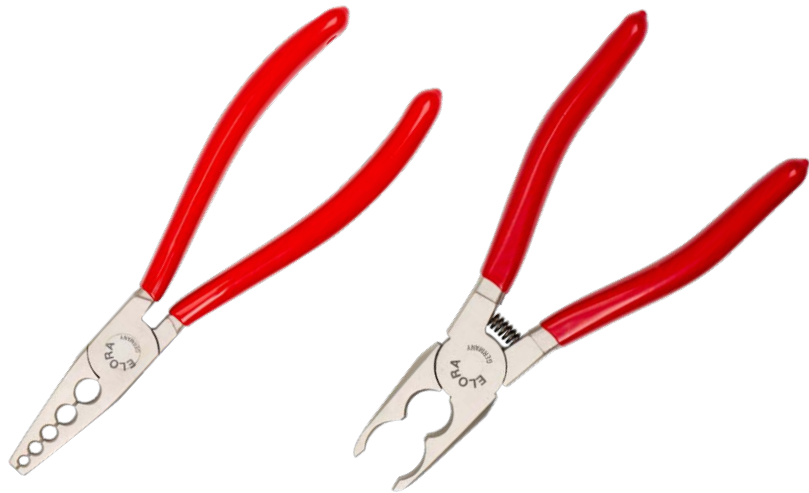
- 3 pcs.
- carton box packed



Code	Number	Contents	Pieces	Weight/g
0304500311000	304-S31	132-240 Waterpump plier 389-170 Heavy Duty Side Cutter 395-180 Combination Plier	1	924

**470-...**
**BIRD RINGING PLIER**

- for closing rings
- suspension hole in one handle
- 470-2 with opening spring
- nickel-plated, with dip-insulated handles
- ELORA-high grade tool steel C45 / 1.0503



Code	Number	for rings from ... to internal Ø mm	l/mm	l/Inch	Pieces	Weight/g
0470200000005	470-5	2-7	160	6,25	1	147
0470200000002	470-2	> 8	180	7	1	245

**470-135**
**BIRD DE-RINGING PLIER**

- for opening metal rings or for ringing with plastic rings
- with opening leaf spring
- chrome-plated, checkered handles
- ELORA Chrome-Vanadium 31CrV3 / 1.2208



Code	Number	for rings from ... to internal Ø mm	l/mm	l/Inch	Pieces	Weight/g
0470200000135	470-135	2-7	140	5,5	1	92

**321-...**
**CARPENTER'S PINCER**

- for highest operational demands
- inductive hardened cutting blades
- cutting blades hardness 61-63 HRC
- gunmetal-finish, ground head
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 9243 Form A



Code	Number	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0321001605100	321-160	1,8	160	6,25	1	253
0321001805100	321-180	2,0	180	7	1	317
0321002005100	321-200	2,2	200	8	1	414
0321002255100	321-225	2,2	230	9	1	455

## 499-...

### CONCRETER'S NIPPER

- Mechanic's nipper for heaviest action
- inductive hardened cutting edge, cutting blade hardness 61-63HRC
- gunmetal-finish, ground head
- ELORA-high grade tool steel C45 / 1.0503
- according to DIN ISO 9242 Form A



Code	Number	Ø mm	l/mm	l/Inch	Pieces	Weight/g
0499002205100	499-220	2,4	220	8,5	1	356
0499002505100	499-250	2,4	250	10	1	438
0499002805100	499-280	2,8	280	11	1	467

## 489-...

### SEAMING PLIER

- for seaming of metal sheets
- forged, black laquered
- jaw width 60 mm
- Model ELORA-No. 489-1 straight
- Model ELORA-No. 489-2 45° bent
- Model ELORA-No. 489-3 90° bent
- high grade tool steel C60 / 1.0601



489-1



489-2



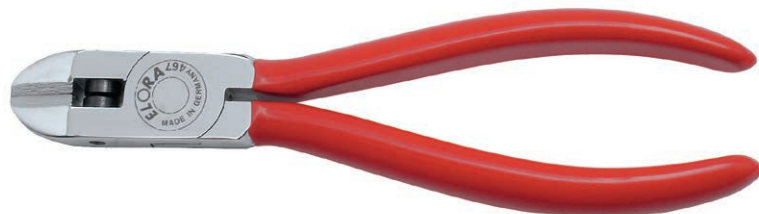
489-3

Code	Number	l/mm	l/Inch	Pieces	Weight/g
0489000011000	489-1	280	11	1	799
0489000021000	489-2	280	11	1	827
0489000031000	489-3	280	11	1	772

## 467-BI 160

### SEAMING PLIERS WITH SIDE CUTTER

- for sealing and cutting the sealing wire
- suitable for lead and plastic seals
- stamp Ø 8mm, neutral, interchangeable
- polished chrome-plated
- with dip-insulated handles
- ELORA-high grade tool steel C60 / 1.0601



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0467000002000	467-BI 160	160	6,25	1	170

**130BI-240**
**WATERPUMP PLIER**

- lay-on slip joint and teeth cut-out
- tooth inductive hardened, trap protection
- chrome plated, polished, dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form A



Code	Number	Pipe Ø mm	Pipe Ø Inch	l/mm	l/Inch	Pieces	Weight/g
0130002402000	130BI-240	46	1.1/4	250	10	1	354

**130BI-250**
**WATERPUMP PLIER**

- quick setting by push-button
- matt chrome plated
- self-locking due to gripping surfaces staggered in reverse order
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form A



Code	Number	max. Ø mm	max. Ø Inch	l/mm	l/Inch	Pieces	Weight/g
0130002502000	130BI-250	50	2	250	10	1	330

**132-...**
**WATERPUMP PLIER**

- box joint
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- ELORA-No. 132-190 adjustable in 6 positions, all other adjustable in 7 positions
- blue laquered, polished jaws
- handles with forged raffle
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form C



Code	Number	Pipe Ø mm	Pipe Ø Inch	l/mm	l/Inch	Pieces	Weight/g
0132001906500	132-190	34	1	175	7	1	196
0132002406500	132-240	43	1.1/4	250	10	1	345
0132003006500	132-300	48	1.1/2	300	12	1	502

**132-S3**
**WATERPUMP PLIER ASSORTMENT**

- 3 pcs.
- carton box packed
- box joint
- self-locking due to gripping surfaces staggered in reverse order
- teeth inductive hardened, trap protection
- ELORA-No. 132-190 adjustable in 6 positions, all others adjustable in 7 positions
- blue laquered, polished jaws
- handles with forged raffle
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN ISO 8976, Form C



Code	Number	Contents	Pieces	Weight/g
0132500036500	132-S3	Waterpump plier: 132-190, 132-240, 132-300	1	1135



## 66A-...

### PIPE WRENCH

- Swedish type
- for highest operational demands
- head angled at 90°
- drop forged, hardened and tempered
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- roll non-volatile
- red laquered, polished jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 5234, Form A



Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0066100346000	66A-1	40	1	340	13,5	1	1100
0066100426000	66A-1.1/2	55	1.1/2	400	16	1	1420
0066100496000	66A-2	67	2	530	21	1	2300
0066100636000	66A-3	103	3	720	29	1	3400

## 67E-...

### PIPE WRENCH

- for highest operational demands
- head angled at 45°
- drop forged, hardened and tempered
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- roll non-volatile
- red laquered, polished jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 5234, Form B



Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0067100236000	67E-1/2	25	1/2	270	11	1	480
0067100346000	67E-1	40	1	320	13	1	990
0067100426000	67E-1.1/2	55	1.1/2	420	17	1	1380
0067100496000	67E-2	67	2	570	23	1	2860
0067100636000	67E-3	103	3	700	28	1	4260

## 68SN-...

### PIPE WRENCH

- Swedish type
- 3 point S-jaw pipe wrench for highest operational demands
- head angled at 45°
- drop forged, hardened and tempered
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- roll non-volatile
- red laquered, polished jaws
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208
- according to DIN ISO 5234, Form C



Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0068100236000	68SN- 1/2	25	1/2	270	11	1	420
0068100346000	68SN- 1	40	1	320	13	1	820
0068100426000	68SN- 1.1/2	55	1.1/2	420	17	1	1340
0068100496000	68SN- 2	67	2	570	23	1	2640
0068100636000	68SN- 3	103	3	700	28	1	4200

### 136-...

#### QUICK ACTION PIPE WRENCH

- easy and quick adjusting due to knurled adjustment
- teeth additionally inductive hardened
- self-locking due to gripping surfaces staggered in reverse order
- high grade tool steel

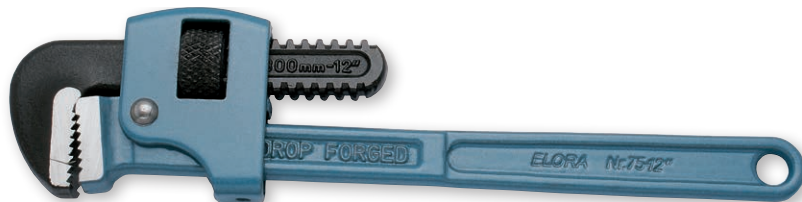


Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0136001755100	136-175	35	1.3/8	175	7	1	300
0136002255100	136-225	42	1.5/8	225	9	1	510
0136002755100	136-275	61	2.3/8	275	11	1	815
0136003155100	136-315	74	3	315	12	1	985
0136003605100	136-360	90	3.9/16	360	14	1	1620

### 75-...

#### PIPE WRENCH "STILLSON"

- American type
- adjustable with knurled adjustment
- forged pieces hardened and tempered
- teeth additionally inductive hardened and staggered in reverse order
- steel-grey, handles blue laquered, polished jaws
- special high grade tool steel
- US-Norm GGG-W-651, class A, Type 1



Code	Number	Pipe Ø mm	Pipe Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0075000105200	75-10	35	1.3/8	250	10	1	550
0075000125200	75-12	43	1.3/4	300	12	1	800
0075000145200	75-14	49	1.7/16	350	14	1	965
0075000185200	75-18	61	2.3/8	450	18	1	1650
0075000245200	75-24	77	3	600	24	1	3150

### 137

#### PLUMBING WRENCH

- for chrome and nickel plated bathroom fittings
- with lever clamp
- with exchangeable plastic jaws, 8mm wide
- gunmetal-finish
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208



Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0137000000000	137	65	275	1	757

### 131-250

#### PLIERS WRENCH

- for parallel, full faced, zero backlash firm gripping of multisided objects without harming of edges
- parallel shifttable up to 52mm/ 2"
- smooth jaws for gentle gripping and powerful pressing
- fine push-button adjustment of all wrench sizes
- high gripping force due to transmission >10:1
- with scale for presetting proper widths of jaws
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	max. Ø mm	max. Ø Zoll	l/mm	l/Inch	Pieces	Weight/g
0131002502000	131-250	52	2	250	10	1	450



### 138

#### PIPE GRIPPING PLIER (SIPHONPLIER)

- loosening and tightening of pipe connections with round union nuts from Ø 25 mm
- loosening and tightening of ring lock connectors (like Canon connectors)
- drop forged, with slip on joint, 4 adjusting positions
- serrated jaws, jaw width 10 mm
- chrome-plated, PVC-dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208



Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0138000000000	138	70	240	1	275

### 138-A

#### CONNECTORPLIER

- loosening and tightening of pipe connections with round union nuts from Ø 25 mm
- loosening and tightening of ring lock connectors (like Canon connectors)
- drop forged, with slip on joint, 4 adjusting positions
- serrated jaws, jaw width 10 mm
- with srewed plastic jaws
- chrome-plated, PVC-dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV3 / 1.2208



Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0138000001000	138-A	60	240	1	280
0138000000001	138-E	1 pair spare jaws		1	5

### 462

#### BLIND-RIVET NUT PLIER

- to process blind rivets
- mandrel intake exchangeable on the head
- for blind rivets diameters: 2.4, 3.2, 4.0 and 4.8 mm
- black, plier body made of aluminium, leverage made of metal sheet
- PVC handles



Code	Number	l/mm	Pieces	Weight/g
0462000000000	462	280	1	699

## 288-...

### BOLT CUTTER

- inductive hardened jaws on the cutter head
- cutting capacity up to 48 HRC hardness
- easy and precise readjusting with double eccentric screws
- limbs made of steel tube with plastic handles
- jaws made of special high grade tool steel
- according to DIN ISO 9242



Code	Number	19 HRC Ø mm	40 HRC Ø mm	44 HRC Ø mm	l/mm	l/Inch	Pieces	Weight/g
0288003406000	288-340	6	5	-	330	13	1	775
0288004006000	288-400	6	5	-	400	16	1	850
0288004506000	288-450	8	7	5	460	18	1	1670
0288006106000	288-610	9	8	7	620	24	1	2370
0288008006000	288-800	11	9	8	780	30	1	4570
0288009006000	288-900	13	11	9	900	36	1	5100
0288003416000	288E-340			Spare jaw			1	234
0288004016000	288E-400			Spare jaw			1	349
0288004516000	288E-450			Spare jaw			1	420
0288006116000	288E-610			Spare jaw			1	770
0288008016000	288E-800			Spare jaw			1	1450
0288009016000	288E-900			Spare jaw			1	1460

## 289-...

### STEEL WIRE MESH CUTTER

- ▶ inductive hardened jaws on the cutter head
- ▶ head angled at 75°
- ▶ easy and precise readjusting with double eccentric screws
- ▶ according to DIN 5743
- ▶ limbs made of steel tube with plastic handles
- ▶ jaws made of special high grade tool steel



Code	Number	19 HRC Ø mm	40 HRC Ø mm	l/mm ┆	l/Inch ┆	Pieces ☞	Weight/g ⚖
0289008006000	289-800	9	8	790	31	1	3200
0289009006000	289-900	11	9	900	36	1	3460
0289008016000	289E-800	Spare jaw				1	860

## 4490

### BAG OR WIRE TWISTER

- ▶ for fast and efficient closing of bags or connecting tyre levers
- ▶ with moulded plastic grip



Code	Number	l/mm ┆	Pieces ☞	Weight/g ⚖
4490000000000	4490	310	1	462

## 525-...

### WIRE TWISTING PLIER

- ▶ for wire locking of metal fasteners
- ▶ serrated gripping for positive grip and side cutter
- ▶ for clockwise use and with automatic return
- ▶ jaws angled by 40°, for wires to Ø1,6mm
- ▶ gunmetal finish, head polished
- ▶ Chrome-Vanadium special steel



Code	Number	l/mm ┆	Pieces ☞	Weight/g ⚖
0525001503000	525-150	150	1	273
0525002303000	525-230	230	1	393

**458**
**REVOLVING PUNCH AND EYELET PLIER**

- ▶ for pre-punching and pressing of eyelets 458S-4,5, 458S-5,0, 458S-5,5
- ▶ bright nickel plated, with black ergonomically formed plastic handles
- ▶ high-strength special tool steel



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0458000000000	458	210	8,5	1	346

**458S-...**
**EYELETS**

- ▶ for pressing with ELORA-No. 458
- ▶ nickel plated
- ▶ sheet metal



Code	Number	Contents	Ø	Pieces	Weight/g
0458000450000	458S-4,5	100 eyelets	4,5	1	20
0458000500000	458S-5,0	100 eyelets	5,0	1	26
0458000550000	458S-5,5	100 eyelets	5,5	1	26

**460**
**REVOLVING PUNCH PLIER WITH LEVERAGE**

- ▶ 70% power saving by leverage
- ▶ for punching thin and strong awnings, fabrics, leather, textiles and thin metal sheet
- ▶ punching hole diameter 2,0-2,5-3,0-3,5-4,0-4,5 mm
- ▶ bright nickel plated, with black ergonomic formed plastic handles
- ▶ high-strength special tool steel



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0460000000000	460	250	10	1	464

**461**
**REVOLVING PUNCH PLIER**

- ▶ for punching thin and strong awnings, fabrics, leather, textiles and thin metal sheet
- ▶ punching hole diameter 2,0-2,5-3,0-3,5-4,0-4,5 mm
- ▶ nickel plated, with black ergonomic formed plastic handles
- ▶ high-strength special tool steel



Code	Number	l/mm	l/Inch	Pieces	Weight/g
0461000000000	461	210	8,5	1	328

**402-...**
**SHAPE CUTTING LEVER TIN SNIP**

- for figures, short and straight cuts
- with leverage
- self-opening due to mounted leaf spring, with lock
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground
- nonslip 2C-handles with trap protection
- for metal sheet thickness of max. 1,2mm with a tensile strength of 600 N/mm<sup>2</sup>



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0402002501001	402/1-L	left cutting	250	10	38	1	390
0402002501003	402/1-G	straight cutting	250	10	44	1	541
0402002501002	402/1-R	right cutting	250	10	38	1	555

**402/1 S3**
**SHAPE CUTTING LEVER TIN SNIP SET**

- 3 pcs.
- carton box packed
- for figures, short and straight cuts
- with leverage
- self-opening due to mounted leaf spring, with lock
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground
- nonslip 2C-handles with trap protection
- for metal sheet thickness of max. 1,2 mm with a tensile strength of 600 N/mm<sup>2</sup>



Code	Number	Contents	Pieces	Weight/g
0402500031000	402/1 S3	Figure Snips 402/1-L, 402/1-R, 402/1-G	1	1689

## 483L / 483R

### SHAPE CUTTING LEVER TIN SNIP

- for short, straight and figure cuts, small radius
- with leverage
- self-opening due to mounted leaf spring, with lock
- burr-free cut
- adjustable, bolted joints
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground, 60-62 HRC
- with plastic handles and trap protection
- for metal sheet thickness of max. 1,8 mm with a tensile strength of 400 N/mm<sup>2</sup> or 1,2 mm with a tensile strength of 600 N/mm<sup>2</sup>
- high grade tool steel, forged



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0483000016000	483L	left cutting	250	10	35	1	524
0483000026000	483R	right cutting	250	10	35	1	523

## 484L / 484R

### IDEAL LEVER TIN SNIP

- for short, straight and figure cuts, big radius
- with leverage
- self-opening due to mounted leaf spring, with lock
- burr-free cut
- adjustable, bolted joint
- blades with micro denticulation to maximize the safety factor against sliding
- blades additionally inductive hardened and ground, 60-62 HRC
- with plastic handles and trap protection
- for metal sheet thickness of max. 1,8 mm with a tensile strength of 400 N/mm<sup>2</sup> or 1,2 mm with a tensile strength of 600 N/mm<sup>2</sup>
- high grade tool steel, forged



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0484000016000	484L	left cutting	250	10	30	1	565
0484000026000	484R	right cutting	250	10	30	1	565

## 284-250

### BERLIN PATTERN TIN SNIP

- for long straight cuts
- blades additionally inductive hardened and ground, 56-58 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- high grade tool steel, forged



Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0284002506000	284-250	250	10	60	1	446

### 1483-...

#### SHAPE CUTTING TIN SNIP

- for short, straight and figure cuts, small radius
- blades additionally inductive hardened and ground, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm<sup>2</sup> or 1 mm with 600 N/mm<sup>2</sup>
- high grade tool steel, forged



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
1483002506000	1483L-250	left cutting	250	10	42	1	501
1483012506000	1483R-250	right cutting	250	10	42	1	435

### 1484-...

#### IDEAL TIN SNIP

- for continuous cuts and figure cuts
- blades additionally inductive hardened and sharpened, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm<sup>2</sup> or 1 mm with 600 N/mm<sup>2</sup>
- high grade tool steel, forged



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
1484002606000	1484L-260	left cutting	260	10,25	35	1	590
1484012606000	1484R-260	right cutting	280	10,25	35	1	590

### 488-...

#### PUNCH TIN SNIP

- for short, straight and figure cuts, big radius
- blades additionally inductive hardened and ground, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,5 mm with a tensile strength of 400 N/mm<sup>2</sup> or 1 mm with 600 N/mm<sup>2</sup>
- high grade tool steel, forged



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0488002506000	488L-250	left cutting	250	10	42	1	506
0488002516000	488R-250	right cutting	250	10	42	1	435

## 497R-300

### PELICAN TIN SNIP

- for long straight continuous cuts
- blades additionally inductive hardened and ground, 56-59 HRC
- adjustable, bolted joint
- black handles, PVC dip coated, trap protection, opening spring
- for metal sheet thickness of max. 1,8 mm with a tensile strength of 400 N/mm<sup>2</sup> or 1 mm with 600 N/mm<sup>2</sup>
- high grade tool steel, forged



Code	Number	Type of Cut	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0497003006000	497R-300	right cutting	300	12	60	1	839

## 401-...

### AMERICAN TINMANS SHEAR

- for long straight cuts
- blades additionally inductive hardened and ground, 57-59 HRC
- adjustable, bolted joint
- high grade tool steel, forged
- ELORA-No. 401/1 with trap protection
- ELORA-No. 401/2 black handles, PVC dip coated
- trap protection



Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0401001751001	401/1-175	175	7	40	1	294
0401002001001	401/1-200	200	8	45	1	338
0401002501001	401/1-250	250	10	65	1	515
0401003001001	401/1-300	300	12	80	1	680
0401003501001	401/1-350	350	14	90	1	868
0401001751002	401/2-175	175	7	40	1	307
0401002001002	401/2-200	200	8	45	1	376
0401002501002	401/2-250	250	10	65	1	561
0401003001002	401/2-300	300	12	80	1	705
0401003501002	401/2-350	350	14	90	1	868



498-...

UNIVERSAL SCISSORS

- for cutting thin metal sheet, wire, plastics, adhesive weights, carpet, paper, etc.
- self-opening, one-hand lock function
- plastic handles
- made of stainless steel



Code	Number	l/mm	l/Inch	Length of cutting edges mm	Pieces	Weight/g
0498000016000	498-1	140	5,5	31	1	73
0498000026000	498-2	190	7,5	42	1	108



08

You will find wire snips on page 309



**500H**
**HOLDER FOR ELORA-GRIP PLIERS**

- inserted into the holder ELORA grip pliers can be used as bench vise for simple works to screw on a work table or a work bench
- fits to all 8" and 10" ELORA grip pliers and ELORA-No. 510-280, 510-280A, 511-280 and 524
- black laquered



Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0500000003000	500H	0-50	110	1	200

**500-...**
**GRIP PLIER WITH WIRE CUTTER, CURVED JAWS**

- for round and flat material
- with adjustment screw
- quick release lever with return spring
- forged, hardened and tempered half-round jaws
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0500001253000	500-125	25	125	5	1	195
0500001803000	500-180	35	180	8	1	360
0500002503000	500-250	50	250	10	1	570
0500003003000	500-300	65	300	12	1	895

**500P-...**
**PRISM GRIP PLIER**

- for round and flat material
- 3-point support for any material profile
- with adjustment screw
- quick release lever with return spring
- forged, hardened and tempered prism jaws
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0500011803000	500P-180	25	180	8	1	280
0500012503000	500P-250	45	250	10	1	750
0500013003000	500P-300	45	300	12	1	975

**500G-250**
**GRIP PLIER, STRAIGHT JAWS**

- for flat material
- with adjustment screw
- quick release lever with return spring
- forged, hardened and tempered straight jaws
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0500202503000	500G-250	40	250	10	1	510

### 502-...

#### IDEAL GRIP PLIER

- ▶ for round, profile and flat material
- ▶ combined jaw shape
- ▶ with adjustment screw and release lever
- ▶ quick release lever with return spring
- ▶ nickel-plated
- ▶ jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0502001803000	502-180	45	180	8	1	365
0502002503000	502-250	45	250	10	1	570

### 501

#### PARALLEL-GRIP PLIER

- ▶ for round and flat material
- ▶ plier mouth with swivelling jaws
- ▶ with adjustment screw
- ▶ quick release lever with return spring
- ▶ nickel-plated
- ▶ jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0501000000000	501	45	250	10	1	575

### 508-...

#### LONG NOSE OR CROW NOSE PLIER

- ▶ to clamp or remove round, profile and flat material in narrow and deep sections for e.g. motors, control cabinets etc.
- ▶ long, slim jaws with burner hole
- ▶ quick release lever with return spring
- ▶ drop-forged, nickel-plated
- ▶ jaws made of 1045



Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0508001653000	508-165	0-40	165	12	1	190
0508002353000	508-235	0-55	235	12	1	380
0508003003000	508-300	0-130	300	12	1	480

### 505-...

#### PARALLEL GRIP PLIER

- ▶ suitable for small round parts and bulky items
- ▶ for exceedingly high work pieces
- ▶ even for smaller round pieces
- ▶ clamp function
- ▶ parallel clamping surface with prism recess
- ▶ equal parallelism over the complete clamping range
- ▶ long slide (100-200 mm)
- ▶ jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0505001003000	505-100	65	100	280	12.1/2	1	950
0505002003000	505-200	65	200	280	12.1/2	1	1100
0505000003000	505K	Protection cap set for parallel grip plier (for gentle tightening of sensitive surfaces)				1	5

### 512-180

#### SHEET METAL GRIP PLIER

- for clamping, bending and folding of thin and soft metal sheet
- 80 mm width, parallel joint jaws
- quick release lever with return spring
- nickel-plated
- drop-forged basis jaws
- tin jaws mad of C1045, hardened

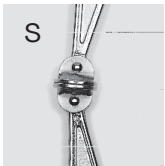


Code	Number	Span Width mm	l/mm	l/Inch	Pieces	Weight/g
0512101803000	512-180	0-45	180	7	1	470

### 507-165/165S

#### C-CLAMP GRIP PLIER

- to use instead of screw clamps
- movable steel jaws in the S version
- quick release lever with return spring
- nickel-plated
- jaws made of C1045

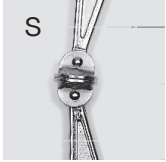


Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507101653000	507-165	0-50	50	175	7	1	235
0507101663000	507-165S	0-40	42	175	7	1	260

## 507-280/280S

### C-CLAMP GRIP PLIER

- ▶ to use instead of screw clamps
- ▶ movable steel jaws in the S version
- ▶ quick release lever with return spring
- ▶ nickel-plated
- ▶ jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208

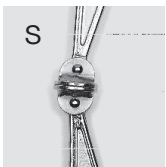


Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507102803000	507-280	0-90	77	280	11	1	750
0507102813000	507-280S	0-90	77	280	11	1	780

## 507-...

### C-CLAMP GRIP PLIER

- ▶ to use instead of screw clamps
- ▶ movable steel jaws in the S version
- ▶ quick release lever with return spring
- ▶ nickel-plated
- ▶ jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- ▶ extension made of ST37-2



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507104603000	507-460	0-220	265	460	18	1	1090
0507106003000	507-600	0-295	400	600	24	1	1415
0507106013000	507-600S	0-295	400	600	24	1	1505

## 507A-...

### ALUMINIUM C-CLAMP GRIP PLIER

- for clamping of profile material with high racks and for work on bulky work pieces
- the light alloy avoids the adhering of welding beads
- approx. 40% weight reduction for better handling in continuous operation
- quick release lever with return spring
- nickel-plated
- jaws made of heavy-duty light metal alloy



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0507203003000	507A-300	0-90	70	300	12	1	640
0507203603000	507A-360	0-180	140	360	14	1	870



08

➤ ELORA 90th anniversary - Adventure Day at the Landrover Experience Park

## 510-280

### WELDER'S GRIP PLIER

- for clamping of profiles and straps, especially appropriate to connect two working pieces of the same thickness
- the light metal alloy avoids the adhering of welding beads
- the large opening allows a good overview during welding
- quick release lever with return spring
- nickel-plated
- jaws made of heavy-duty light metal alloy



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0510102803000	510-280	0-60	80	280	11	1	790

## 511-280

### PIPE WELDERS GRIP PLIER

- for centered clamping of two close-fitting pipes for welding, drilling, soldering etc.
- the large opening allows a good overview during welding
- quick release lever with return spring
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	Span Width mm	Radial mm	l/mm	l/Inch	Pieces	Weight/g
0511102803000	511-280	10-90	90	280	11	1	935

## 524-...

### CHAIN GRIP PLIER

- for clamping of any shaped profile, especially appropriate in narrow and difficult to reach areas like oil filters, exhaust pipes, etc.
- ELORA-No. 524E is an extension as well as spare chain at the same time
- quick release lever with return spring
- nickel-plated
- jaws made of ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208



Code	Number	for ø up to mm	l/mm	Pieces	Weight/g
0524002503000	524-250	150	250	1	930
0524400003000	524-E	spare and extension chain	480	1	315

## 500-S4

### GRIP PLIER SET

- 4 pcs.
- carton box packed



Code	Number	Contents	Pieces	Weight/g
0500500401000	500-S4	500-250 Rip Plier with Wire Cutter, curved Jaws 508-165 Long Nose- or Crow Nose Plier 507-280 C-Clamp Grip Plier 519 Micro Grip Plier	1	1760



**519**
**MICRO GRIP PLIER**

- high grade, hardened and tempered aluminium alloy, 120 g light only
- ergonomic design with rounded shape
- one-hand operation
- axial movement of the moveable jaw
- brass screw is also the moveable jaw
- brass screw/ moveable jaw made of solid brass
- knurled knob of the brass adjust screw
- anodized body



Code	Number	Span Width mm	l/mm	Pieces	Weight/g
0519000003000	519	12	92	1	130

**513**
**AXIAL GRIP PLIER**

- for clamping of overlapping metal sheets during spot welding, makes it possible to weld 4 clean spots without moving the plier, for use on doorways, side pieces, etc.
- slim shape with quick release lever
- jaw adjustment: 0-15 mm
- jaw wideness: 57 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel



Code	Number	l/mm	Pieces	Weight/g
0513000003000	513	195	1	551

**517**
**AXIAL GRIP PLIER**

- for clamping of U-profiles and U-shaped body profiles, especially appropriate for adjusting door sills, wheel housings, roofs and side panels for afterwards spot welding between the plier jaws
- slim shape with quick release lever
- jaw adjustment: 0-15 mm
- jaw wideness: 45 mm
- bright nickel-plated, black jaws
- jaws made of high-strength steel



Code	Number	l/mm	Pieces	Weight/g
0517000003000	517	220	1	494

**473-J0-J4**
**CIRCLIP PLIER FOR INTERNAL CIRCLIPS IN BORE HOLES**

- for internal retaining rings acc. to DIN 472, DIN 984
- straight jaws
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form C



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0473010081000	473-J0	3-10	0,9	140	5,5	1	90
0473010082000	473-J1	8-25	1,3	140	5,5	1	90
0473010192000	473-J2	19-60	1,8	170	7	1	150
0473010402000	473-J3	40-100	2,3	220	9	1	240
0473010852000	473-J4	85-165	3,2	320	12,5	1	470

**473-J01-J41**
**CIRCLIP PLIER FOR INTERNAL CIRCLIPS IN BORE HOLES**

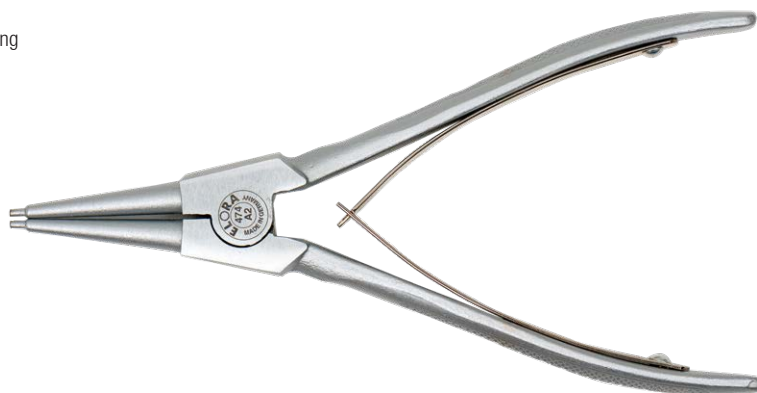
- for internal retaining rings acc. to DIN 472, DIN 984
- jaws bent at 90°
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form D



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0473020081000	473-J01	3-10	0,9	130	5	1	90
0473020082000	473-J11	8-25	1,3	130	5	1	90
0473020192000	473-J21	19-60	1,8	160	6,25	1	155
0473020402000	473-J31	40-100	2,3	210	8,5	1	260
0473020852000	473-J41	85-165	3,2	290	11,5	1	460

**474-A0-A4**
**CIRCLIP PLIER FOR EXTERNAL CIRCLIPS ON SHAFTS**

- for external retaining rings acc. to DIN 471, DIN 983
- straight jaws, self-opening due to mounted double leaf spring
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form A



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0474010101000	474-A0	3-10	0,9	140	5,5	1	95
0474010102000	474-A1	8-25	1,3	140	5,5	1	95
0474010192000	474-A2	19-60	1,8	180	7	1	165
0474010402000	474-A3	40-100	2,3	230	9	1	250
0474010852000	474-A4	85-165	3,2	330	13	1	470

### 474-A01-A41

#### CIRCLIP PLIER FOR EXTERNAL CIRCLIPS ON SHAFTS

- for external retaining rings acc. to DIN 471, DIN 983
- jaws bent at 90°, self-opening due to mounted double leaf spring
- chrome plated, polished joint, chequered handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form B

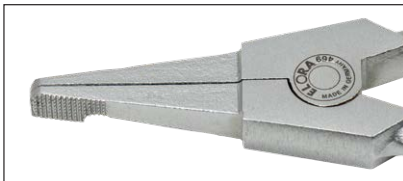


Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0474020101000	474-A01	3-10	0,9	130	5	1	95
0474020102000	474-A11	8-25	1,3	130	5	1	95
0474020192000	474-A21	19-60	1,8	160	6,25	1	165
0474020402000	474-A31	40-100	2,3	210	8,5	1	245
0474020852000	474-A41	85-165	3,2	300	12	1	470

### 469

#### SPECIAL RETAINING RING PLIER

- for fitting retaining rings and circlips without grip holes
- for engines, gearboxes, clutches and differentials
- for retaining rings with a minimum ring split gap of 3.6 mm
- straight jaws, self-opening due to mounted double leaf spring
- chrome plated, polished joint, chequered handles
- ELORA Chrome-Vanadium 31CrV3 / 1.2208

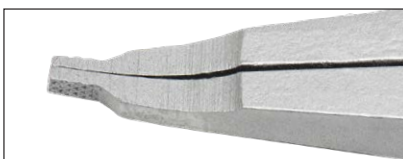


Code	Number	l/mm	l/Inch	Pieces	Weight/g
0469000000000	469	180	7	1	170

### 469-2

#### SPECIAL RETAINING RING PLIER

- for mounting circlips and retaining rings without gripping holes
- for engines, gearboxes, clutches and differentials
- for retaining rings from 12 mm Ø
- Minimum opening of the rings 3.2mm
- 10° curved jaws, checkered tips
- self-opening due to spiral spring
- chrome-plated, handle dip-insulated
- ELORA Chrome-Vanadium 31CrV3 / 1.2208

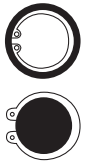


Code	Nummer	l/mm	l/Zoll	Stück	Gewicht/g
0469000002000	469-2	200	8	1	205

### 404-S41

#### CIRCLIP PLIER SET

- 4 pcs.
- carton box packed
- chequered handles
- chrome-plated, polished joint

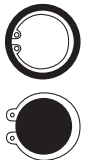


Code	Number	Contents	Pieces	Weight/g
0404500411000	404-S41	Circlip Plier for Internal Retaining Ring 473-J 2; 473-J 21 Circlip Plier for External Retaining Ring 474-A2; 474-A21	1	635

### 404-S8

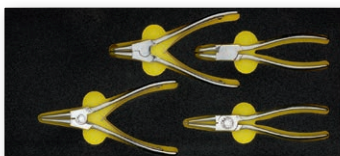
#### CIRCLIP PLIER SET

- 8 pcs.
- assortment in convenient plastic case
- chrome plated, polished joint, chequered handles



Code	Number	Contents	Pieces	Weight/g
0404500801000	404-S8	Circlip Plier for Internal Retaining Ring 473-J 1; 473-J 11; 473-J 2; 473-J 21 Circlip Plier for External Retaining Ring 474-A1; 474-A11; 474-A2; 474-A21	1	1400

You will find the matching OMS-20 module on page no. 55



You will find the matching MS-26 module on page no. 65



### 383-J0-J4

#### CIRCLIP PLIER FOR INTERNAL CIRCLIPS IN BORE HOLES

- for internal retaining rings acc. to DIN 472, DIN 984
- straight jaws
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form C



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0383030085100	383-J0	3-10	0,9	140	5,5	1	95
0383010085100	383-J1	8-25	1,3	140	5,5	1	95
0383010195100	383-J2	19-60	1,8	180	7	1	165
0383010405100	383-J3	40-100	2,3	230	9	1	255
0383010855100	383-J4	85-165	3,2	320	12,5	1	495

### 383-J01-J41

#### CIRCLIP PLIER FOR INTERNAL CIRCLIPS IN BORE HOLES

- for internal retaining rings acc. to DIN 472, DIN 984
- jaws bent at 90°
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5256 Form D



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0383040085100	383-J01	3-10	0,9	130	5	1	95
0383020085100	383-J11	8-25	1,3	130	5	1	95
0383020195100	383-J21	19-60	1,8	160	6,25	1	165
0383020405100	383-J31	40-100	2,3	210	8,5	1	260
0383020855100	383-J41	85-165	3,2	290	11,5	1	495

### 384-A0-A4

#### CIRCLIP PLIER FOR EXTERNAL CIRCLIPS ON SHAFTS

- for external retaining rings acc. to DIN 471, DIN 983
- straight jaws, self-opening due to mounted spiral spring
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form A



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0384010035100	384-A0	3-10	0,9	140	5,5	1	95
0384010105100	384-A1	10-25	1,3	140	5,5	1	95
0384010195100	384-A2	19-60	1,8	180	7	1	165
0384010405100	384-A3	40-100	2,3	230	9	1	250
0384010855100	384-A4	85-165	3,2	330	13	1	495

### 384-A01-A41

#### CIRCLIP PLIER FOR EXTERNAL CIRCLIPS ON SHAFTS

- for external retaining rings acc. to DIN 471, DIN 983
- jaws bent at 90°, self-opening due to mounted spiral spring
- gunmetal-finish, ground joint
- red dip insulated handles
- ELORA-Chrome-Vanadium 31 CrV 3 / 1.2208
- according to DIN 5254 Form B



Code	Number	for circlips from ... to Ø mm	Point Ø mm	l/mm	l/Inch	Pieces	Weight/g
0384020035100	384-A01	3-10	0,9	130	5	1	95
0384020105100	384-A11	10-25	1,3	130	5	1	95
0384020195100	384-A21	19-60	1,8	160	6,25	1	165
0384020405100	384-A31	40-100	2,3	210	8,5	1	245
0384020855100	384-A41	85-165	3,2	300	12	1	500

### 304-S4

#### CIRCLIP PLIER SET

- 4 pcs.
- carton box packed
- red dip insulated handles



Code	Number	Contents	Pieces	Weight/g
0304500401000	304-S4	Circlip Plier for Internal Retaining Ring 383-J 2; 383-J 21 Circlip Plier for External Retaining Ring 384-A2; 384-A21	1	660

08

You will find the matching MS-25 module on page no. 65

