



PREMIUM-WERKZEUGE



PREMIUM TOOLS



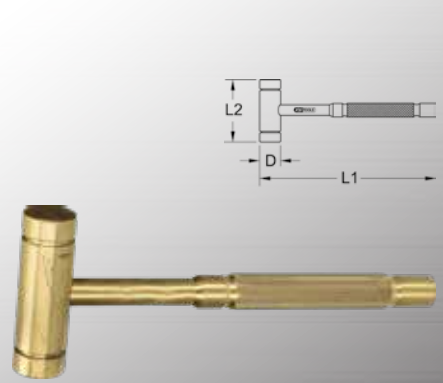
www.kstools.com

HAMMER & CHISELS

SOFT HEAD HAMMER

Brass hammer

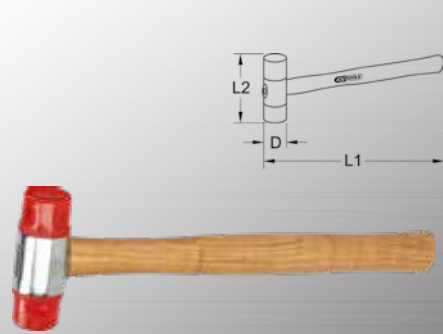
- Full brass execution
- Protective material



| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|------|------|-------|-------|-------------------|-----|--------|
| 140.2081 | 800 | 26,0 | 230,0 | 83,0 | 140.5301 140.5401 | 230 | 89,90 |
| 140.2082 | 1400 | 31,0 | 260,0 | 100,0 | 140.5304 140.5404 | 450 | 131,90 |

Plastic hammer

- With transparent head made from impact resistant cellulose acetate
- Impact heads are exchangeable (screw thread)
- With hickory handle
- Ideal for hammering out and gentle sheet metal working

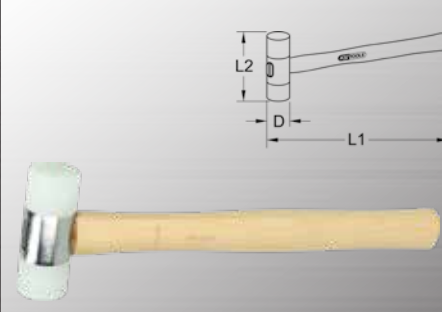


| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------------------|-----|-------|
| 140.5201 | 200 | 28,0 | 260,0 | 82,0 | 140.5301 140.5401 | 210 | 12,90 |
| 140.5202 | 340 | 35,0 | 300,0 | 95,0 | 140.5304 140.5404 | 350 | 11,90 |



Nylon hammer

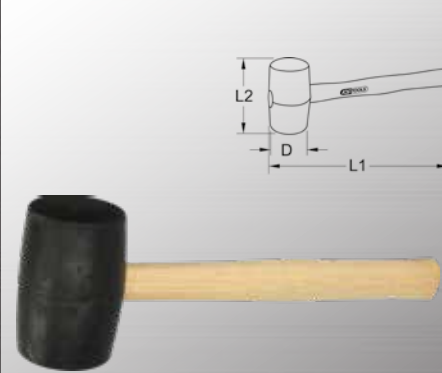
- With impact heads made out of impact resistant nylon
- Shatterproof, break and wear-resistant
- With hickory handle
- Ideal for hammering out and gentle sheet metal working



| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------------------|-----|-------|
| 140.5211 | 200 | 28,0 | 260,0 | 82,0 | 140.5301 140.5401 | 230 | 12,90 |
| 140.5212 | 340 | 35,0 | 300,0 | 95,0 | 140.5304 140.5404 | 450 | 13,90 |

Rubber hammer

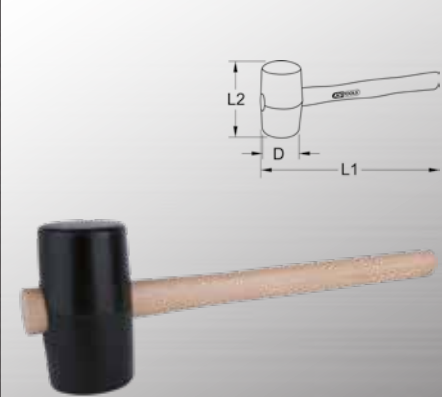
- DIN 5128
- With hickory handle
- Hammer head made out of hard rubber



| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------------------|-----|-------|
| 140.5221 | 300 | 45,0 | 300,0 | 80,0 | 140.5304 140.5404 | 340 | 10,90 |
| 140.5222 | 500 | 58,0 | 310,0 | 95,0 | 140.5305 140.5405 | 560 | 10,90 |
| 140.5223 | 700 | 63,0 | 345,0 | 112,0 | 140.5306 140.5405 | 780 | 11,90 |

Rubber hammer

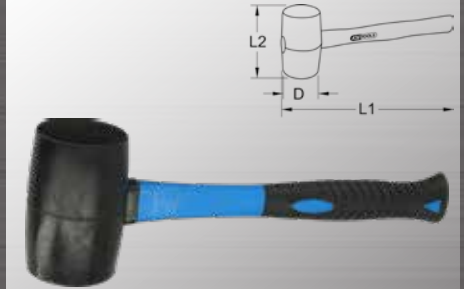
- DIN 5128
- With tapered hickory inserted handle
- Hammer head made out of hard rubber



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|------|
| 140.1230 | 425 | 60,0 | 340,0 | 110,0 | 525 | 9,90 |

Rubber hammer

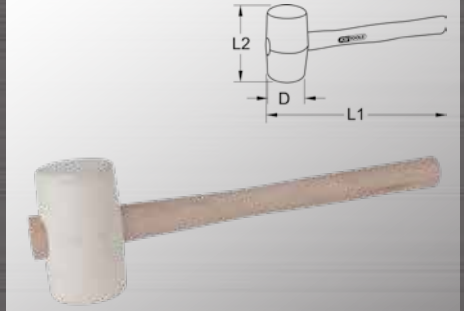
- DIN 5128
- With fibreglass handle
- Hammer head made out of hard rubber



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.1237 | 500 | 56,0 | 325,0 | 100,0 | 520 | 14,90 |

Rubber hammer

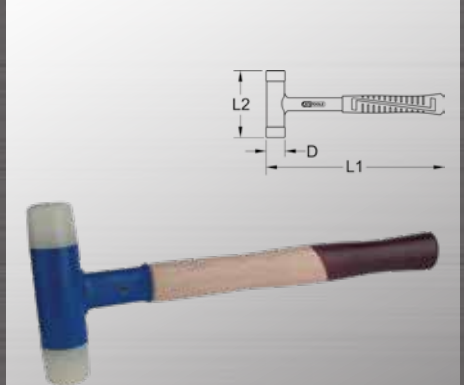
- DIN 5128
- With tapered hickory inserted handle
- Hammer head made out of hard rubber
- With white rubber head



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.1234 | 270 | 55,0 | 300,0 | 115,0 | 300 | 13,90 |
| 140.1235 | 500 | 60,0 | 340,0 | 115,0 | 595 | 13,90 |
| 140.1236 | 735 | 65,0 | 380,0 | 130,0 | 855 | 20,50 |

Recoil free soft faced hammer

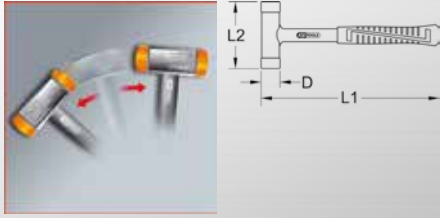
- With hickory handle
- Shock absorbing effect through steel shot in the head
- Up to 100% higher impact effect than normal Soft head hammers
- Shatterproof and wear resistant
- Polyamid heads interchangeable
- For safer working with less recoil



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.1215 | 350 | 35,0 | 330,0 | 120,0 | 480 | 68,50 |

Recoil free soft faced hammer

- With steel tube handle and plastic handle
- Shock absorbing effect through steel shot in the head
- Up to 100% higher impact effect than normal Soft head hammers
- Shatterproof and wear resistant
- Polyamid heads interchangeable
- For safer working with less recoil



| | g | D mm | L1 mm | L2 mm | head spare | g | € |
|----------|------|------|-------|-------|------------|------|-------|
| 140.5270 | 360 | 25,0 | 290,0 | 105,0 | 140.5280 | 360 | 34,50 |
| 140.5271 | 480 | 30,0 | 290,0 | 110,0 | 140.5281 | 500 | 39,50 |
| 140.5272 | 590 | 35,0 | 295,0 | 110,0 | 140.5282 | 590 | 39,50 |
| 140.5273 | 850 | 40,0 | 300,0 | 120,0 | 140.5283 | 650 | 46,50 |
| 140.5274 | 990 | 45,0 | 305,0 | 125,0 | 140.5284 | 950 | 46,50 |
| 140.5275 | 1110 | 50,0 | 310,0 | 125,0 | 140.5285 | 1080 | 54,50 |
| 140.5277 | 1670 | 60,0 | 360,0 | 140,0 | 140.5287 | 1420 | 66,50 |

Recoil free soft faced hammer

- Polyurethane fiberglass composite
- Serrated surface for secure grip
- Free of sparks due to rubber cover
- Special absorbing effect through steel shot in the hammer head
- Substantially higher blow effect than in conventional hammering
- For safer working with less recoil



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|------|------|-------|-------|------|-------|
| 140.5252 | 500 | 46,0 | 300,0 | 100,0 | 690 | 24,90 |
| 140.5254 | 570 | 46,0 | 300,0 | 100,0 | 750 | 31,50 |
| 140.5255 | 600 | 50,0 | 325,0 | 100,0 | 860 | 37,50 |
| 140.5256 | 620 | 54,0 | 340,0 | 100,0 | 900 | 37,50 |
| 140.5257 | 1050 | 60,0 | 350,0 | 126,0 | 1450 | 44,90 |
| 140.5258 | 1250 | 70,0 | 370,0 | 135,0 | 1800 | 57,90 |

Recoil free soft faced hammer, extra large

- Polyurethane fiberglass composite
- Rubber handle for better grip
- Special absorbing effect through steel shot in the hammer head
- Substantially higher blow effect than in conventional hammering
- For safer working with less recoil

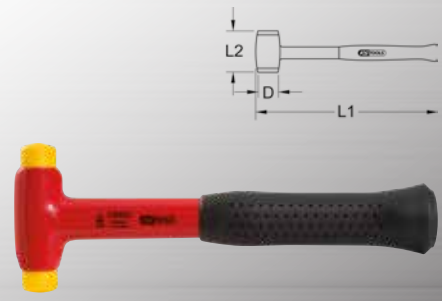


| | g | D mm | L1 mm | L2 mm | g | € |
|----------|------|-------|-------|-------|------|-------|
| 140.5259 | 5500 | 105,0 | 890,0 | 180,0 | 5,76 | 87,90 |

INSULATED SOFT-HEAD HAMMERS

Soft-face hammer with protective insulation

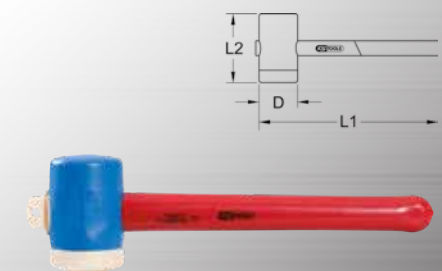
- Insulated to IEC 60900
- Shock absorbing effect through steel shot in the head
- Shatterproof and wear resistant
- Polyamid heads interchangeable
- For safer working with less recoil



| | D mm | L1 mm | L2 mm | head spare | ⚡ | g | € |
|----------|------|-------|-------|------------|-------|-----|--------|
| 117.1126 | 25,0 | 300,0 | 105,0 | 117.1128 | 1000V | 560 | 133,90 |
| 117.1127 | 35,0 | 310,0 | 115,0 | 117.1129 | 1000V | 790 | 145,50 |

Plastic hammer with protective insulation

- Insulated to IEC 60900
- Made from plastic
- Without metal parts

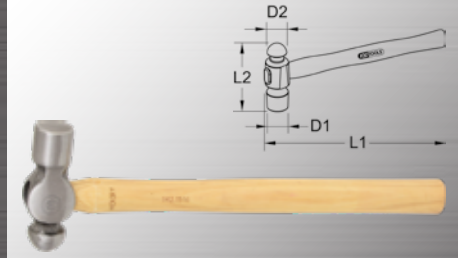


| | D mm | L1 mm | L2 mm | ⚡ | g | € |
|----------|------|-------|-------|-------|-----|-------|
| 117.1131 | 55,0 | 300,0 | 82,0 | 1000V | 325 | 42,90 |

FITTERS HAMMER

Pin hammer

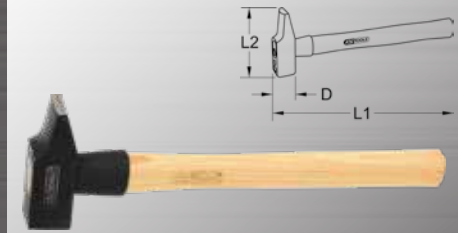
- With hickory handle
- Additional head security
- Extremely durable



| | g | D1 mm | D2 mm | L1 mm | L2 mm | Handle number | g | € | |
|----------|-----|-------|-------|-------|-------|---------------|----------|------|-------|
| 142.1508 | 225 | 20,0 | 20,0 | 290,0 | 80,0 | 142.1510 | 140.5403 | 300 | 8,50 |
| 142.1512 | 340 | 28,0 | 25,0 | 310,0 | 91,0 | 142.1520 | 140.5403 | 420 | 9,90 |
| 142.1516 | 450 | 30,0 | 27,0 | 350,0 | 102,0 | 142.1530 | 140.5405 | 550 | 10,90 |
| 142.1524 | 680 | 38,0 | 32,0 | 365,0 | 116,0 | 142.1540 | 140.5405 | 800 | 13,90 |
| 142.1532 | 900 | 40,0 | 35,0 | 380,0 | 130,0 | 142.1550 | 140.5405 | 1100 | 16,50 |

Fitters hammer, French form

- With hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | g | € | |
|----------|------|------|-------|-------|---------------|----------|------|-------|
| 142.1030 | 250 | 25,0 | 300,0 | 81,5 | 142.5301 | 140.5401 | 365 | 9,90 |
| 142.1032 | 300 | 28,0 | 282,0 | 87,0 | 142.5302 | 140.5402 | 390 | 10,90 |
| 142.1050 | 400 | 32,0 | 320,0 | 92,0 | 142.5302 | 140.5402 | 525 | 10,90 |
| 142.1033 | 500 | 32,0 | 305,0 | 100,0 | 142.5325 | 140.5403 | 560 | 12,90 |
| 142.1080 | 800 | 40,0 | 350,0 | 110,0 | 142.5303 | 140.5403 | 1055 | 14,90 |
| 142.1100 | 1000 | 42,0 | 360,0 | 120,0 | 142.5303 | 140.5403 | 1140 | 14,90 |
| 142.1150 | 1500 | 50,0 | 380,0 | 138,0 | 142.5304 | 140.5404 | 1957 | 18,50 |
| 142.1034 | 2000 | 57,0 | 385,0 | 140,0 | 142.5304 | 140.5404 | 2150 | 17,50 |
| 142.1250 | 2500 | 60,0 | 380,0 | 150,0 | 142.5304 | 140.5404 | 2730 | 21,50 |

Fitters hammer, French form

- With fiberglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|------|------|-------|-------|------|-------|
| 142.1031 | 250 | 25,0 | 290,0 | 81,5 | 415 | 10,90 |
| 142.1051 | 400 | 32,0 | 310,0 | 92,0 | 575 | 11,90 |
| 142.1081 | 800 | 40,0 | 338,0 | 110,0 | 1160 | 14,90 |
| 142.1101 | 1000 | 42,0 | 340,0 | 117,0 | 1270 | 16,50 |
| 142.1151 | 1500 | 50,0 | 405,0 | 138,0 | 2140 | 18,50 |

Fitters hammer

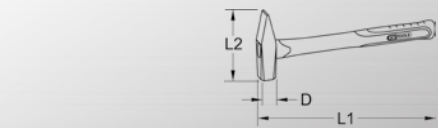
- DIN 1041
- With hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|------|------|-------|-------|-------------------|------|-------|
| 142.1310 | 100 | 15,0 | 260,0 | 82,0 | 142.5305 140.5405 | 180 | 12,90 |
| 142.1320 | 200 | 19,0 | 280,0 | 95,0 | 142.5306 140.5405 | 283 | 11,90 |
| 142.1330 | 300 | 23,0 | 300,0 | 105,0 | 142.5307 140.5405 | 350 | 16,50 |
| 142.1315 | 400 | 25,0 | 320,0 | 112,0 | 142.5307 140.5405 | 530 | 22,50 |
| 142.1350 | 500 | 27,0 | 320,0 | 118,0 | 142.5308 | 590 | 16,50 |
| 142.1316 | 600 | 29,0 | 330,0 | 122,0 | 142.5308 | 750 | 13,90 |
| 142.1380 | 800 | 33,0 | 350,0 | 130,0 | 142.5309 | 920 | 12,90 |
| 142.1400 | 1000 | 36,0 | 360,0 | 135,0 | 142.5310 | 1268 | 14,90 |
| 142.1318 | 1500 | 42,0 | 380,0 | 145,0 | 142.5318 140.5408 | 1750 | 20,50 |
| 142.1319 | 2000 | 47,0 | 400,0 | 155,0 | 142.5318 140.5408 | 2250 | 21,50 |

Fitters hammer

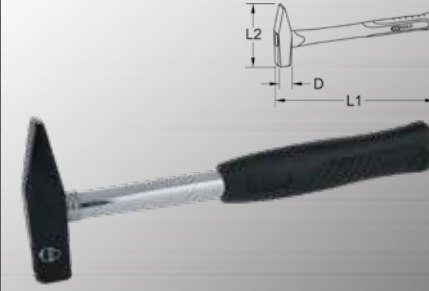
- DIN 1041
- With fibreglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|------|------|-------|-------|------|-------|
| 142.1311 | 100 | 15,0 | 260,0 | 82,0 | 180 | 13,90 |
| 142.1321 | 200 | 19,0 | 280,0 | 95,0 | 280 | 8,50 |
| 142.1331 | 300 | 23,0 | 300,0 | 105,0 | 500 | 11,90 |
| 142.1402 | 400 | 25,0 | 320,0 | 112,0 | 530 | 12,90 |
| 142.1351 | 500 | 27,0 | 320,0 | 118,0 | 590 | 11,90 |
| 142.1403 | 600 | 29,0 | 330,0 | 122,0 | 750 | 11,90 |
| 142.1381 | 800 | 33,0 | 350,0 | 130,0 | 920 | 14,90 |
| 142.1401 | 1000 | 36,0 | 360,0 | 135,0 | 1325 | 17,50 |
| 142.1404 | 1500 | 42,0 | 380,0 | 145,0 | 1880 | 18,50 |
| 142.1405 | 2000 | 47,0 | 400,0 | 155,0 | 2100 | 20,50 |

Fitters hammer

- DIN 1041
- With steel tube handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel

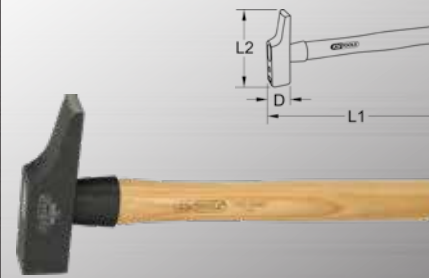


| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 142.1221 | 350 | 20,0 | 300,0 | 100,0 | 580 | 33,50 |

CLAW HAMMERS

Claw hammer, French form

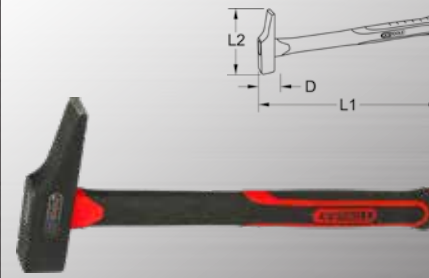
- With lacquered hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------------------|-----|-------|
| 142.2020 | 200 | 20,0 | 270,0 | 92,0 | 142.5311 140.5401 | 300 | 8,50 |
| 142.2045 | 500 | 30,0 | 310,0 | 121,0 | 142.5313 140.5402 | 600 | 11,90 |

Claw hammer, French form

- With fibreglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel

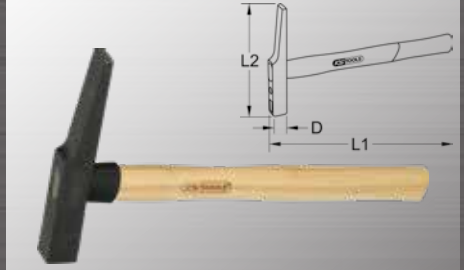


| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 142.2021 | 200 | 20,0 | 285,0 | 92,0 | 270 | 13,90 |
| 142.2033 | 250 | 22,0 | 290,0 | 107,0 | 320 | 10,90 |
| 142.2046 | 500 | 30,0 | 328,0 | 121,0 | 600 | 11,90 |

ELECTRICIANS HAMMER

Electricians hammer, French form

- With lacquered hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------------------|-----|------|
| 142.4020 | 200 | 18,0 | 260,0 | 128,0 | 142.5314 140.5401 | 260 | 8,50 |

Electricians hammer, French form

- With fibreglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel

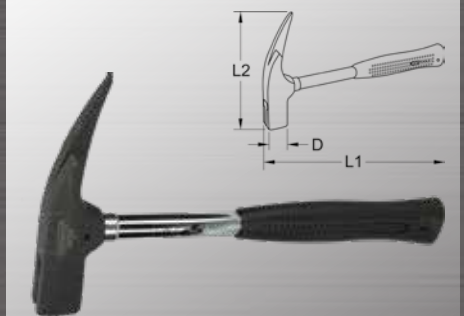


| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|------|
| 142.4030 | 200 | 18,0 | 285,0 | 126,0 | 250 | 8,50 |

SCABBLING PICK

Scabbling pick

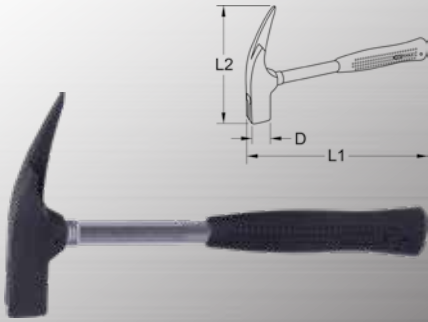
- With steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Pane with nail puller
- With nail holder



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.2001 | 600 | 30,0 | 320,0 | 170,0 | 835 | 13,90 |

Scabbling pick, magnetic

- With steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Pane with nail puller
- With nail holder



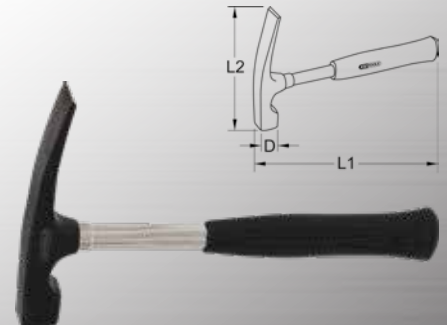
| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.2002 | 600 | 30,0 | 320,0 | 170,0 | 900 | 10,90 |



BRICK HAMMER

Brick hammer, Rhenish form

- With steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Extremely strong and robust

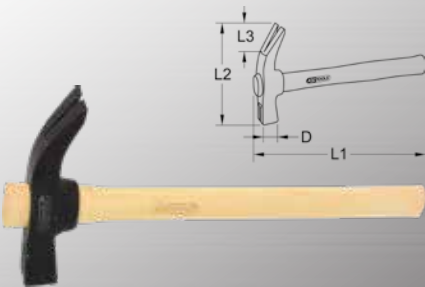


| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.2030 | 500 | 25,0 | 270,0 | 178,0 | 800 | 11,90 |

CLAW HAMMER

Claw hammer

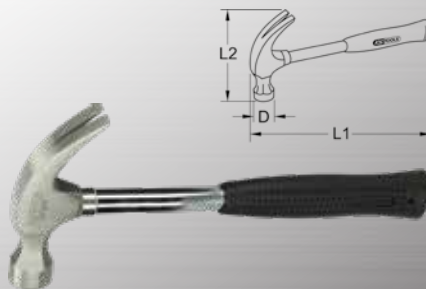
- With tapered hickory inserted handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Pane with nail puller
- With nail holder



| | g | D mm | L1 mm | L2 mm | L3 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------|---------------|-----|-------|
| 142.2008 | 700 | 30,0 | 370,0 | 172,0 | 48,0 | 140.5315 | 860 | 13,90 |

Claw hammer American form

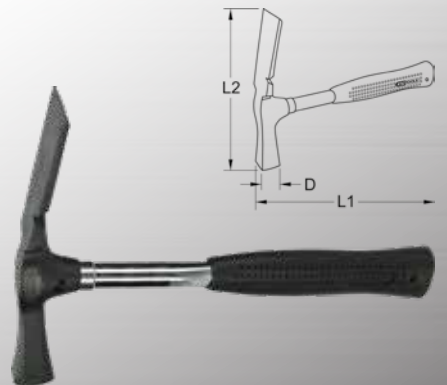
- Steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Pane with nail puller



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.2006 | 600 | 30,0 | 320,0 | 133,0 | 850 | 10,90 |

Brick hammer, Berlin form

- With steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Hammer head with nail puller
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 140.2003 | 600 | 27,0 | 270,0 | 203,0 | 940 | 11,90 |

Claw hammer

- With tapered fiberglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Pane with nail puller
- With nail holder

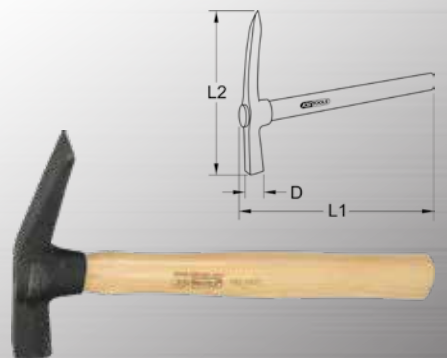


| | g | D mm | L1 mm | L2 mm | L3 mm | Handle number | g | € |
|----------|-----|------|-------|-------|-------|---------------|-----|-------|
| 142.2010 | 700 | 28,0 | 370,0 | 172,0 | 48,0 | 142.5315 | 920 | 19,50 |



Brick hammer, American form

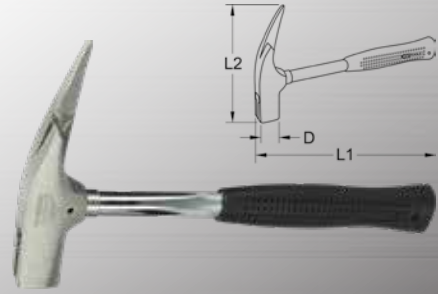
- With hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Extremely strong and robust



| | g | D mm | L1 mm | L2 mm | g | € |
|----------|-----|------|-------|-------|-----|-------|
| 142.1417 | 600 | 27,0 | 320,0 | 163,0 | 800 | 11,90 |

Concrete shell hammer, magnetic

- With steel tube handle and plastic handle
- Forged execution
- for scraping off concrete residues
- Impact area surfaces inductively hardened
- Hammer head made out of high quality special steel
- Head coating made from structured powder baked lacquer
- Pane with nail puller
- With nail holder

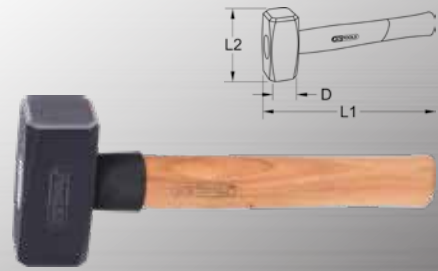


| | g | D mm | L1 mm | L2 mm | kg | € |
|----------|-----|------|-------|-------|------|-------|
| 142.1411 | 600 | 28,0 | 310,0 | 170,0 | 0,83 | 11,90 |

CLUB HAMMER

Club hammer

- DIN 6475
- With lacquered hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | kg | € |
|----------|------|------|-------|-------|-------------------|------|-------|
| 142.5100 | 1000 | 40,0 | 260,0 | 95,0 | 142.5316 140.5405 | 1,10 | 13,90 |
| 142.5125 | 1250 | 43,0 | 260,0 | 100,0 | 142.5317 140.5405 | 1,36 | 14,90 |
| 142.5150 | 1500 | 45,0 | 280,0 | 110,0 | 142.5318 | - | 16,50 |
| 142.5111 | 2000 | 50,0 | 300,0 | 120,0 | 142.5318 | - | 21,10 |

Club hammer

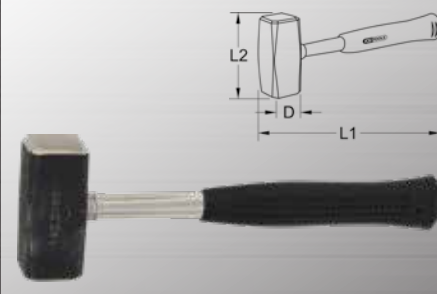
- DIN 6475
- With fiberglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | kg | € |
|----------|------|------|-------|-------|------|-------|
| 142.5101 | 1000 | 40,0 | 260,0 | 95,0 | 1,13 | 13,90 |
| 142.5126 | 1250 | 43,0 | 260,0 | 100,0 | 1,36 | 14,90 |
| 142.5151 | 1500 | 45,0 | 280,0 | 110,0 | 1,65 | 21,50 |

Club hammer

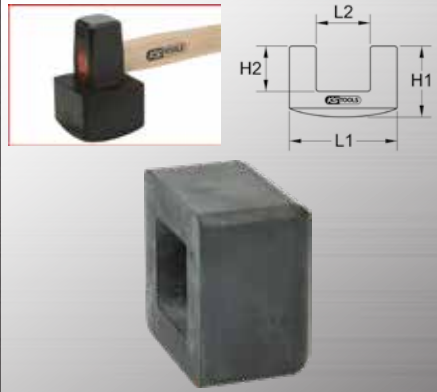
- DIN 6475
- With steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | kg | € |
|----------|------|------|-------|-------|------|-------|
| 142.5165 | 1000 | 40,0 | 260,0 | 95,0 | 1,18 | 13,90 |
| 142.5166 | 1250 | 43,0 | 260,0 | 100,0 | 1,43 | 27,90 |

Rubber cap for club hammer

- Rubber cap for club hammer to DIN 6475

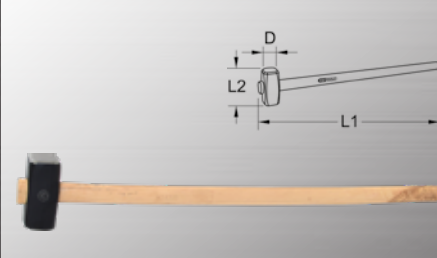


| | H1 mm | H2 mm | L1 mm | L2 mm | kg | € |
|----------|-------|-------|-------|-------|-----|------|
| 140.2075 | 55,0 | 27,0 | 72,0 | 40,0 | 400 | 4,50 |
| 140.2076 | 55,0 | 29,0 | 72,0 | 42,0 | 400 | 4,50 |
| 140.2077 | 55,0 | 33,0 | 72,0 | 44,0 | 400 | 4,50 |

SLEDGE HAMMER

Sledge hammer

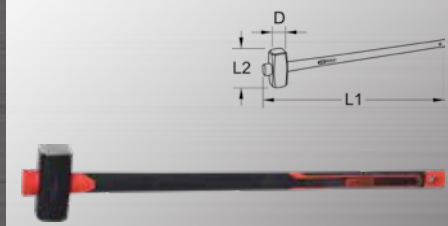
- Forged execution
- With tapered hickory inserted handle
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | kg | € |
|----------|------|------|-------|-------|---------------|------|-------|
| 142.6300 | 3000 | 58,0 | 900,0 | 138,0 | 140.5330 | 3,50 | 39,50 |
| 142.6400 | 4000 | 64,0 | 900,0 | 148,0 | 140.5330 | 4,44 | 44,90 |
| 142.6500 | 5000 | 70,0 | 900,0 | 158,0 | 140.5340 | 5,44 | 42,90 |

Sledge hammer

- With tapered fiberglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel

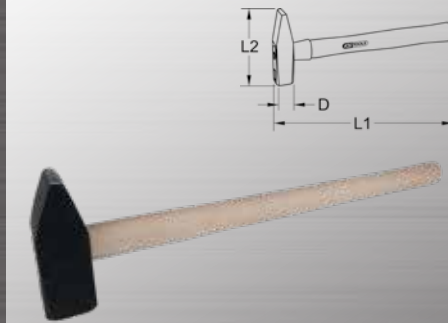


| | g | D mm | L1 mm | L2 mm | Handle number | kg | € |
|----------|------|------|-------|-------|---------------|------|-------|
| 142.6301 | 3000 | 58,0 | 900,0 | 138,0 | 142.5323 | 3,80 | 39,50 |
| 142.6401 | 4000 | 64,0 | 900,0 | 148,0 | 142.5323 | 4,80 | 42,90 |
| 142.6501 | 5000 | 70,0 | 900,0 | 158,0 | 142.5332 | 5,80 | 48,50 |



Sledge hammer

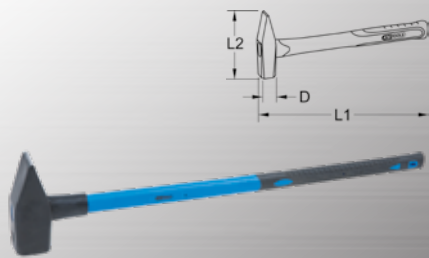
- DIN 1042
- With ash handle
- Forged execution
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | kg | € |
|----------|-------|------|-------|-------|-------|--------|
| 142.1223 | 3000 | 54,0 | 600,0 | 162,0 | 3,30 | 63,50 |
| 142.1226 | 5000 | 70,0 | 795,0 | 180,0 | 5,64 | 68,50 |
| 142.1227 | 8000 | 80,0 | 895,0 | 220,0 | 8,80 | 112,50 |
| 142.1228 | 10000 | 85,0 | 900,0 | 225,0 | 10,72 | 128,50 |

Sledge hammer

- With fibreglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Surfaces polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel

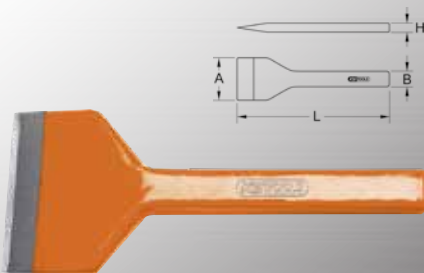


| | g | D mm | L1 mm | L2 mm | kg | € |
|-----------------|------|------|-------|-------|------|---------------|
| 142.1210 | 5000 | 70,0 | 880,0 | 180,0 | 6,00 | 142,50 |

BOLSTER CHISEL

Bolster chisel

- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft gold lacquer
- Carbon manganese silicon steel

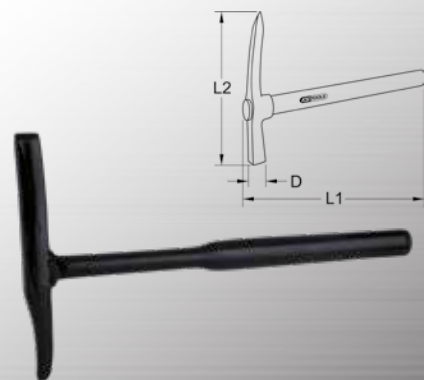


| | L mm | A mm | H mm | B mm | g | € |
|-----------------|-------|-------|------|------|-----|--------------|
| 162.0431 | 200,0 | 60,0 | 15,0 | 18,0 | 500 | 44,90 |
| 162.0432 | 200,0 | 80,0 | 15,0 | 20,0 | 600 | 53,50 |
| 162.0433 | 220,0 | 100,0 | 18,0 | 22,0 | 750 | 62,50 |
| 162.0434 | 220,0 | 120,0 | 18,0 | 22,0 | 900 | 75,90 |

CHIPPING HAMMERS

Chipping hammer

- DIN 5133
- With steel tube handle



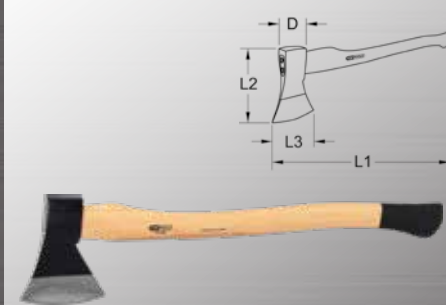
| | D mm | L1 mm | L2 mm | kg | € |
|-----------------|------|-------|-------|-----|--------------|
| 140.1220 | 15,0 | 295,0 | 155,0 | 360 | 19,50 |



AXES AND HATCHETS

Wood axe

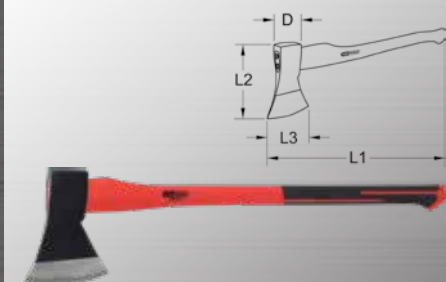
- DIN 5131
- With cambered hickory handle
- Handle with round double fixed wedges
- Forged execution
- Blade polished ground
- Head coating made from structured powder baked lacquer
- Axe head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | L3 mm | Handle number | kg | € | |
|-----------------|------|------|-------|-------|-------|---------------|----------|------|--------------|
| 140.2066 | 1250 | 60,0 | 700,0 | 185,0 | 130,0 | 140.2069 | 140.5405 | 1,80 | 33,50 |

Axe

- DIN 7287
- Forged execution
- Blade polished ground
- Head coating made from structured powder baked lacquer
- Axe head made out of high quality special steel
- With fibreglass handle



| | g | D mm | L1 mm | L2 mm | L3 mm | kg | € |
|-----------------|------|------|-------|-------|-------|------|--------------|
| 140.1213 | 1800 | 60,0 | 690,0 | 185,0 | 137,0 | 2,71 | 41,90 |

Hand axe

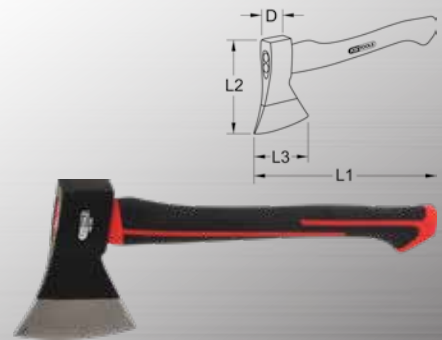
- DIN 5131
- With cambered hickory handle
- Handle with round double fixed wedges
- Forged execution
- Blade polished ground
- Head coating made from structured powder baked lacquer
- Axe head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | L3 mm | Handle number | kg | € |
|----------|-----|------|-------|-------|-------|-------------------|------|-------|
| 140.2062 | 600 | 40,0 | 350,0 | 15,0 | 105,0 | 140.2067 140.5403 | 800 | 14,90 |
| 140.2063 | 800 | 45,0 | 380,0 | 17,0 | 115,0 | 140.2068 140.5405 | 1040 | 17,50 |

Hand axe

- DIN 5131
- With fiberglass handle
- Forged execution
- Blade polished ground
- Head coating made from structured powder baked lacquer
- Axe head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | L3 mm | kg | € |
|----------|-----|------|-------|-------|-------|------|-------|
| 140.1239 | 800 | 40,0 | 350,0 | 150,0 | 110,0 | 1232 | 19,50 |

Plasterers axe

- With steel tube handle and plastic handle
- Forged execution
- Impact area surfaces inductively hardened
- Blade polished ground, serrated hammer head
- Hammer head with nail puller
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | L3 mm | kg | € |
|----------|-----|------|-------|-------|-------|-----|-------|
| 140.2004 | 600 | 27,0 | 330,0 | 180,0 | 70,0 | 900 | 10,90 |

Plasterers axe with fiberglass handle

- With tapered fiberglass handle
- Forged execution
- Impact area surfaces inductively hardened
- Blade polished ground, serrated hammer head
- Hammer head with nail puller
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | L3 mm | kg | € |
|----------|-----|------|-------|-------|-------|-----|-------|
| 142.2013 | 600 | 28,0 | 310,0 | 180,0 | 22,0 | 860 | 13,90 |

PANEL BEATING HAMMERS

Bodywork serrated hammer

- For hammering out the bodywork area
- High-quality design
- Work area coarse
- Special tool steel
- With ash handle



| | Length mm | head length mm | square dim. mm | kg | € |
|----------|-----------|----------------|----------------|-----|-------|
| 140.2204 | 325,0 | 60,0 | 30 x 45 mm | 330 | 42,90 |

Bodywork standard hammer, slightly curved

- For hammering out the bodywork area
- High-quality design
- Work area ground and lightly arched
- Special tool steel
- With ash handle



| | Length mm | head length mm | square dim. mm | kg | € |
|----------|-----------|----------------|----------------|-----|-------|
| 140.2209 | 325,0 | 60,0 | 30 x 45 mm | 330 | 39,50 |

Bodywork standard hammer, sharply curved

- For hammering out the bodywork area
- High-quality design
- Work area ground and strongly arched
- Special tool steel
- With ash handle



| | Length mm | head length mm | square dim. mm | kg | € |
|----------|-----------|----------------|----------------|-----|-------|
| 140.2319 | 325,0 | 60,0 | 30 x 45 mm | 360 | 38,50 |

Bodywork dinging hammer set

- For hammering out the car body
- High-quality design
- Optimum composition of rough and curved faces
- Work areas ground
- Special tool steel
- In durable plastic storage case
- With ash handle



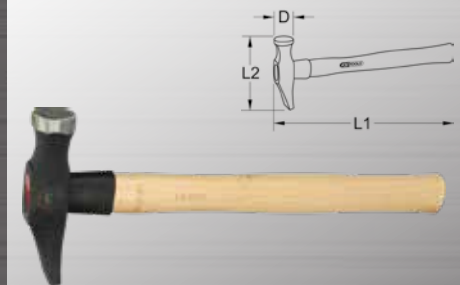
| | kg | € |
|----------|-------|--------|
| 140.2200 | 3 pcs | 1,02 |
| | | 127,50 |

consists of:

| | kg | |
|----------|--|-----|
| 140.2204 | Bodywork serrated hammer, 30x45mm | 330 |
| 140.2209 | Bodywork standard hammer, slightly curved, 30x45mm | 330 |
| 140.2319 | Bodywork standard hammer, sharply curved, 30x45mm | 360 |

Panel beaters hammer

- With hickory handle
- Forged execution
- Impact area surfaces inductively hardened
- Head and edge areas polished ground
- Rounded edges
- Head coating made from structured powder baked lacquer
- Hammer head made out of high quality special steel



| | g | D mm | L1 mm | L2 mm | Handle number | kg | € |
|----------|-----|------|-------|-------|-------------------|-----|-------|
| 140.4003 | 400 | 30,0 | 310,0 | 118,0 | 140.5304 140.5404 | 560 | 12,90 |

Panel beater's serrated hammer, round/tip

- For reworking repaired areas, distortion-free
- Stresses are removed from the plate using a special profile in the impact area
- For tightening with a round, rough serrated head
- Fine face curved for accurate hammering out
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | Tip width mm | kg | € |
|----------|-----------|----------------|-----------------|--------------|-----|-------|
| 140.2109 | 280,0 | 120,0 | 40,0 | 20,0 | 460 | 53,50 |

Wing dinging hammer

- Ideal for hammering out the wings
- Extra heavy execution
- Fine face curved for accurate hammering out
- Safe and easy use
- Work areas ground
- With hickory handle
- Special tool steel



| | Length mm | head length mm | square dia. mm | Tip width mm | kg | € |
|----------|-----------|----------------|----------------|--------------|------|-------|
| 140.2461 | 380,0 | 220 | 30 x 38 mm | 35 | 1,31 | 78,50 |

Panel beaters pick hammer straight head, round/pointed

- Planishing hammer with a round, slightly domed face
- Fine conical face for accurate hammering out
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | kg | € |
|----------|-----------|----------------|-----------------|-----|-------|
| 140.2137 | 325,0 | 140,0 | 40,0 | 460 | 31,50 |



Aluminium bodywork pick hammer curved head, round/flat tip

- For hammering out aluminium car body panels
- Planishing hammer with a round, slightly domed face
- Fine conical face for accurate hammering out
- Polished surface
- Aluminium
- With ash handle



| | Length mm | head length mm | Ø round side mm | kg | € |
|----------|-----------|----------------|-----------------|-----|-------|
| 700.1489 | 300,0 | 140,0 | 40,0 | 110 | 65,50 |

Panel beaters pick hammer straight head, flat/pointed

- Planishing hammer with a round, slightly domed face
- Fine face curved for accurate hammering out
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | Tip width mm | kg | € |
|----------|-----------|----------------|-----------------|--------------|-----|-------|
| 140.2131 | 325,0 | 140,0 | 40,0 | 19,0 | 460 | 31,50 |

Panel beaters hammer, small round/square

- Simple hammer with a flat, angular face and a round, slightly arched face
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | kg | € |
|----------|-----------|----------------|-----------------|----------------|-----|-------|
| 140.2138 | 325,0 | 100,0 | 30,0 | 28 x 28 mm | 390 | 31,50 |

Aluminium bodywork flat pick hammer curved head, round/flat tip

- For hammering out aluminium car body panels
- Planishing hammer with a round, slightly domed face
- Fine face for accurate hammering out
- Polished surface
- Aluminium
- With ash handle



| | Length mm | head length mm | Ø round side mm | Tip width mm | kg | € |
|----------|-----------|----------------|-----------------|--------------|-----|-------|
| 700.1490 | 300,0 | 140,0 | 40,0 | 20,0 | 140 | 47,50 |

Aluminium bodywork standard hammer curved head, round/square

- For hammering out aluminium car body panels
- Simple hammer with a flat, angular face and a round, slightly arched face
- Polished surface
- Aluminium
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | kg | € |
|----------|-----------|----------------|-----------------|----------------|-----|-------|
| 700.1491 | 300,0 | 100,0 | 40,0 | 38 x 38 mm | 148 | 47,50 |

Panel beaters serrated hammer, round/square

- For forming with a square, finely serrated face
- For stretching with a round, slightly domed face
- Round work surfaces ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | kg | € |
|----------|-----------|----------------|-----------------|----------------|-----|-------|
| 140.2132 | 325,0 | 100,0 | 40,0 | 38 x 38 mm | 490 | 36,50 |

Panel beaters pick hammer straight head, round/flat point

- Planishing hammer with a round, slightly domed face
- Fine face for accurate hammering out
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | Tip width mm | kg | € |
|----------|-----------|----------------|-----------------|--------------|-----|-------|
| 140.2136 | 325,0 | 140,0 | 40,0 | 19,0 | 460 | 32,50 |

Panel beaters hammer, round/square

- Bumping hammer with strong arched faces
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | kg | € |
|----------|-----------|----------------|-----------------|----------------|-----|-------|
| 140.2130 | 325,0 | 105,0 | 30,0 | 26 x 26 mm | 390 | 32,50 |

Panel beaters hammer rounded head, small round/square

- Simple hammer with a flat, angular face and a round, slightly arched face
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | kg | € |
|----------|-----------|----------------|-----------------|----------------|-----|-------|
| 140.2135 | 325,0 | 100,0 | 30,0 | 27 x 27 mm | 390 | 35,50 |

Panel beaters standard hammer, large round/square

- Planishing hammer with a square and round, flat face
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | g | € |
|-----------------|-----------|----------------|-----------------|----------------|-----|--------------|
| 140.2133 | 325,0 | 100,0 | 40,0 | 39 x 39 mm | 420 | 34,50 |

Panel beaters standard hammer curved head, large round/square

- Simple hammer with a flat, angular face and a round, slightly arched face
- Work areas ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | g | € |
|-----------------|-----------|----------------|-----------------|----------------|-----|--------------|
| 140.2134 | 325,0 | 100,0 | 40,0 | 38 x 38 mm | 490 | 36,50 |

Panel beaters serrated hammer fine, round/square

- For forming with an square, rough serrated face
- For stretching with a round, slightly domed face
- Round work surfaces ground
- Special tool steel
- With ash handle



| | Length mm | head length mm | Ø round side mm | square dia. mm | g | € |
|-----------------|-----------|----------------|-----------------|----------------|-----|--------------|
| 140.2139 | 325,0 | 100,0 | 40,0 | 38 x 38 mm | 490 | 36,50 |

Aluminium hammer

- With hickory handle
- Aluminium head
- Protective material



| | g | Ø mm | Length mm | head length mm | Handle number | g | € |
|-----------------|-----|------|-----------|----------------|-------------------|-----|--------------|
| 140.2121 | 280 | 30,0 | 310,0 | 145,0 | 140.2122 140.2123 | 380 | 28,90 |

REPLACEMENT HANDLES

Replacement handles, hickory

- Without wedge



| | L mm | Handle form | Handle style | g | € |
|-----------------|-------|-------------|--------------|-----|--------------|
| 140.5301 | 260,0 | round key | hickory | 10 | 4,50 |
| 140.5304 | 300,0 | round key | hickory | 160 | 3,50 |
| 140.5305 | 310,0 | round key | hickory | 60 | 4,50 |
| 140.5306 | 330,0 | round key | hickory | 60 | 5,50 |
| 142.5301 | 300,0 | round key | hickory | 10 | 5,50 |
| 142.5302 | 320,0 | round key | hickory | 160 | 5,50 |
| 142.5303 | 350,0 | round key | hickory | 120 | 5,50 |
| 142.5304 | 380,0 | round key | hickory | 160 | 6,50 |
| 142.5311 | 270,0 | round key | hickory | 100 | 4,50 |
| 142.5312 | 290,0 | round key | hickory | 100 | 4,50 |
| 142.5313 | 310,0 | round key | hickory | 100 | 5,50 |
| 142.5314 | 260,0 | round key | hickory | 60 | 4,50 |
| 142.5316 | 260,0 | round key | hickory | 100 | 5,50 |
| 142.5317 | 260,0 | round key | hickory | 110 | 5,50 |
| 142.5318 | 280,0 | round key | hickory | 100 | 5,50 |
| 140.5320 | 260,0 | beveled | hickory | 130 | 4,50 |
| 140.5322 | 280,0 | beveled | hickory | 130 | 3,90 |
| 140.5323 | 300,0 | beveled | hickory | 130 | 4,50 |
| 140.5330 | 700,0 | beveled | hickory | 440 | 13,90 |
| 140.5340 | 900,0 | beveled | hickory | 850 | 21,50 |
| 140.2067 | 350,0 | round key | hickory | 200 | 4,50 |
| 140.2068 | 380,0 | round key | hickory | 240 | 9,90 |
| 140.2069 | 700,0 | round key | hickory | 550 | 16,50 |
| 142.1510 | 290,0 | round key | hickory | 80 | 4,50 |
| 142.1520 | 310,0 | round key | hickory | 110 | 5,50 |
| 142.1530 | 350,0 | round key | hickory | 120 | 8,50 |
| 142.1540 | 365,0 | round key | hickory | 190 | 6,50 |
| 142.1550 | 380,0 | round key | hickory | 240 | 6,50 |
| 142.5305 | 260,0 | round key | hickory | 80 | 3,50 |
| 142.5306 | 280,0 | round key | hickory | 83 | 3,50 |
| 142.5307 | 300,0 | round key | hickory | 50 | 4,50 |
| 142.5308 | 320,0 | round key | hickory | 90 | 5,50 |
| 142.5309 | 350,0 | round key | hickory | 120 | 5,50 |
| 142.5310 | 360,0 | round key | hickory | 268 | 6,50 |



Replacement handles fiberglass

- Without wedge
- Tapered style form



| | L mm | Handle form | Handle style | g | € |
|-----------------|-------|-------------|--------------|------|--------------|
| 142.5315 | 370,0 | beveled | fiberglass | 220 | 5,50 |
| 142.5319 | 280,0 | beveled | fiberglass | 150 | 5,50 |
| 142.5332 | 900,0 | beveled | fiberglass | 800 | 19,50 |
| 142.5323 | 900,0 | beveled | fiberglass | 1010 | 17,50 |

ROUND KEY, LOCKING DEVICE

Round key, locking device

- For hammer and axe handles
- With barbed angel
- Aluminium



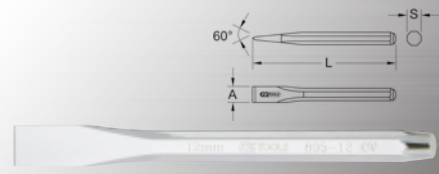
| | D1 mm | D2 mm | g | € |
|-----------------|-------|-------|----|-------------|
| 140.5402 | 8,0 | 10,0 | 10 | 0,90 |
| 140.5404 | 10,0 | 12,0 | 10 | 0,90 |
| 140.5405 | 12,0 | 14,0 | 10 | 1,50 |
| 140.5408 | 17,0 | 23,0 | 10 | 1,50 |



FLAT CHISELS

Flat chisel

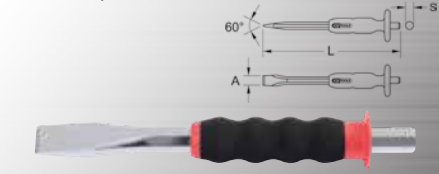
- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium



| | L mm | A mm | S mm | Handle number | g | € |
|-----------------|-------|------|------|---------------|----|-------------|
| 156.0162 | 130,0 | 12,0 | 9,0 | - | 70 | 4,50 |

Flat chisel with hand grip

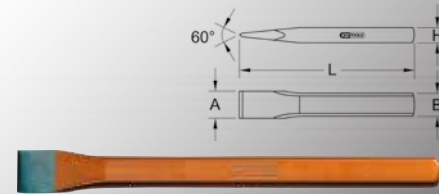
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | g | € |
|-----------------|-------|------|------|-----|-------------|
| 156.0241 | 210,0 | 20,0 | 14,0 | 273 | 9,90 |

Flat chisel

- DIN 6453
- Flat oval form
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|-----------------|-------|------|------|------|---------------|-----|--------------|
| 162.0101 | 100,0 | 18,0 | 14,0 | 9,0 | - | 80 | 8,50 |
| 162.0102 | 125,0 | 18,0 | 14,0 | 9,0 | - | 100 | 9,90 |
| 162.0103 | 150,0 | 21,0 | 17,0 | 11,0 | - | 180 | 7,50 |
| 162.0104 | 175,0 | 24,0 | 20,0 | 12,0 | - | 280 | 8,50 |
| 162.0105 | 200,0 | 28,0 | 23,0 | 13,0 | 162.0442 | 380 | 9,90 |
| 162.0106 | 250,0 | 28,0 | 23,0 | 13,0 | 162.0442 | 500 | 10,90 |
| 162.0107 | 300,0 | 31,0 | 23,0 | 13,0 | 162.0442 | 600 | 11,90 |

Flat chisel with hand grip

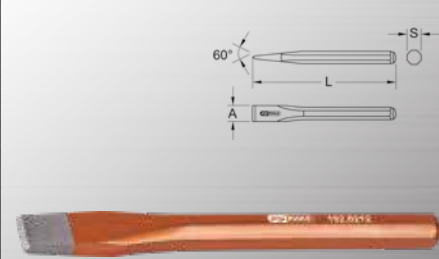
- DIN 6453
- Flat oval form
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | g | € |
|-----------------|-------|------|------|------|-----|--------------|
| 162.0113 | 250,0 | 28,0 | 23,0 | 13,0 | 500 | 14,90 |
| 162.0114 | 300,0 | 31,0 | 23,0 | 13,0 | 600 | 17,50 |

Flat chisel

- 8-point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum

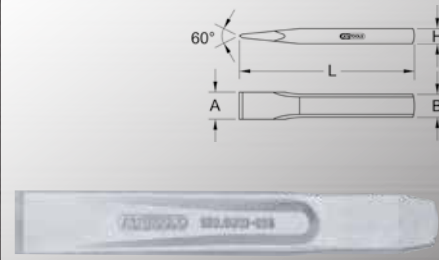


| | L mm | A mm | S mm | Handle number | g | € |
|-----------------|-------|------|------|---------------|-----|-------------|
| 162.0211 | 125,0 | 13,0 | 10,0 | - | 80 | 8,50 |
| 162.0212 | 150,0 | 15,0 | 12,0 | - | 120 | 9,90 |



Flat chisel

- Flat oval form
- Blade can be resharpened
- Quenched and tempered
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|-----------------|-------|------|------|------|---------------|-----|-------------|
| 156.0691 | 125,0 | 19,0 | 13,0 | 8,0 | - | 81 | 5,50 |
| 156.0692 | 150,0 | 21,0 | 14,0 | 9,0 | - | 136 | 5,50 |
| 156.0693 | 200,0 | 27,0 | 17,0 | 11,0 | - | 244 | 7,50 |
| 156.0694 | 250,0 | 31,0 | 19,0 | 12,0 | - | 411 | 8,50 |

Flat chisel set

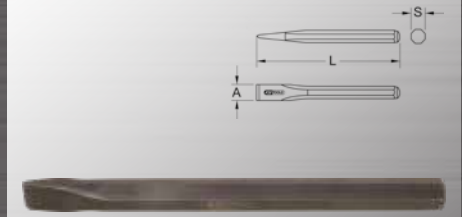
- Flat oval form
- Blade can be resharpened
- Quenched and tempered
- Highly polished
- Chrome molybdenum



| | g | € |
|-----------------|--|------------------|
| 156.0690 | 4 pcs 125x19 - 150x21 - 200x27 - 250x31 mm | 970 26,90 |

Flat chisel

- 6 point
- Heavy execution
- Dimensionally stable 25 mm six point shaft
- Ideal for preparation working
- For the preparation of truck rivets and welds
- Chiseling of rusted bolts and nuts is possible
- Special tool steel



| | L mm | A mm | S mm | g | € |
|-----------------|-------|------|------|------|---------------|
| 450.0026 | 400,0 | 30,0 | 25,0 | 1,20 | 73,90 |
| 450.0027 | 600,0 | 30,0 | 25,0 | 2,64 | 113,50 |

Flat chisel set, heavy duty for commercial vehicle

- Heavy execution
- Dimensionally stable 25 mm six point shaft
- For the preparation of truck rivets and welds
- Ideal for preparation working
- Chiseling of rusted bolts and nuts is possible
- Ideally suited for commercial vehicles
- Special tool steel



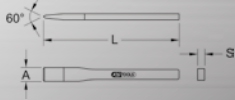
| | g | € |
|-----------------|--------------------|--------------------|
| 450.0025 | 2 pcs 400 - 600 mm | 3,97 187,50 |



TILER'S FLAT CHISELS

Tilers flat chisel

- 4 point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|----|------|
| 162.0311 | 100,0 | 10,0 | 8,0 | - | 40 | 6,50 |

SLITTING CHISEL

Slitting chisel

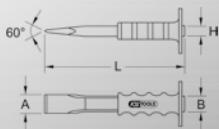
- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|---------|---------|---------|---------|------------------|-----|-------|
| 162.0131 | 230,0 | 26,0 | 26,0 | 7,0 | 162.0441 | 285 | 10,90 |

Slitting chisel with hand grip

- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|-----|-------|
| 162.0141 | 230,0 | 26,0 | 26,0 | 7,0 | 285 | 16,50 |

Panel beaters slitting chisel, extra thin

- Flat oval form
- Extra thin
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|---------|---------|---------|---------|------------------|-----|-------|
| 162.0421 | 240,0 | 26,0 | 26,0 | 7,0 | 162.0443 | 260 | 10,90 |

Slitting chisel with hand grip

- Flat oval form
- Extra thin
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum

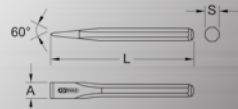


| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|-----|-------|
| 162.0471 | 240,0 | 26,0 | 26,0 | 7,0 | 370 | 16,50 |

JOINTING CHISELS

Jointing chisel

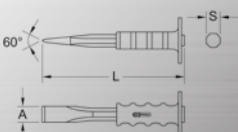
- 8-point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|-----|-------|
| 162.0151 | 250,0 | 25,0 | 18,0 | 162.0446 | 420 | 18,50 |
| 162.0152 | 250,0 | 100,0 | 20,0 | 162.0447 | 685 | 44,90 |

Jointing chisel with hand grip

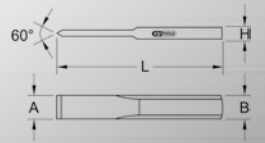
- 8-point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | g | € |
|----------|---------|---------|---------|-----|-------|
| 162.0161 | 250,0 | 25,0 | 18,0 | 420 | 22,50 |
| 162.0162 | 250,0 | 100,0 | 20,0 | 685 | 47,50 |

Jointing chisel

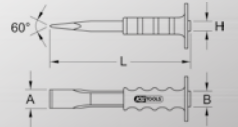
- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|---------|---------|---------|---------|------------------|-----|-------|
| 162.0171 | 250,0 | 50,0 | 23,0 | 13,0 | 162.0442 | 500 | 18,50 |
| 162.0172 | 250,0 | 60,0 | 26,0 | 13,0 | 162.0444 | 550 | 17,50 |
| 162.0173 | 250,0 | 70,0 | 26,0 | 13,0 | 162.0444 | 580 | 19,50 |

Jointing chisel with hand grip

- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



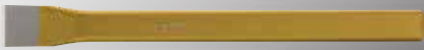
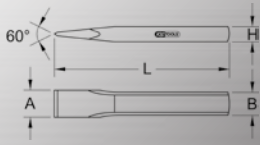
| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|-----|-------|
| 162.0181 | 250,0 | 50,0 | 23,0 | 13,0 | 500 | 19,50 |
| 162.0182 | 250,0 | 60,0 | 26,0 | 13,0 | 550 | 21,50 |
| 162.0183 | 250,0 | 70,0 | 26,0 | 13,0 | 580 | 24,90 |



BRICKLAYERS CHISEL

Bricklayers chisel

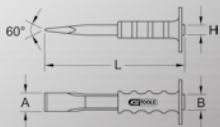
- DIN 7254 form A
- Flat oval form
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|---------|---------|---------|---------|------------------|------|--------|
| 162.0191 | 200,0 | 27,0 | 20,0 | 12,0 | 162.0441 | 310 | 8,50 |
| 162.0192 | 250,0 | 27,0 | 20,0 | 12,0 | 162.0441 | 400 | 10,90 |
| 162.0193 | 300,0 | 31,0 | 23,0 | 13,0 | 162.0442 | 580 | 11,90 |
| 162.0194 | 350,0 | 31,0 | 23,0 | 13,0 | 162.0442 | 720 | 12,90 |
| 162.0195 | 400,0 | 31,0 | 23,0 | 13,0 | 162.0442 | 780 | 13,90 |
| 162.0196 | 500,0 | 33,0 | 26,0 | 13,0 | 162.0444 | 1160 | 19,50 |
| 162.0197 | 600,0 | 33,0 | 26,0 | 13,0 | 162.0444 | 1400 | 58,90 |
| 162.0198 | 800,0 | 33,0 | 26,0 | 13,0 | 162.0444 | 1860 | 83,50 |
| 162.0199 | 1000,0 | 33,0 | 26,0 | 13,0 | 162.0444 | 2360 | 111,50 |

Bricklayers chisel with hand grip

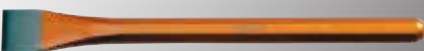
- DIN 7254 form A
- Flat oval form
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|------|--------|
| 162.0202 | 250,0 | 27,0 | 20,0 | 12,0 | 400 | 14,90 |
| 162.0203 | 300,0 | 31,0 | 23,0 | 13,0 | 580 | 18,50 |
| 162.0204 | 350,0 | 31,0 | 23,0 | 13,0 | 720 | 22,50 |
| 162.0205 | 400,0 | 31,0 | 23,0 | 13,0 | 800 | 20,50 |
| 162.0206 | 500,0 | 33,0 | 26,0 | 13,0 | 1160 | 26,90 |
| 162.0207 | 600,0 | 33,0 | 26,0 | 13,0 | 1400 | 62,50 |
| 162.0208 | 800,0 | 33,0 | 26,0 | 13,0 | 1860 | 86,90 |
| 162.0209 | 1000,0 | 33,0 | 26,0 | 13,0 | 2360 | 110,50 |

Bricklayers chisel

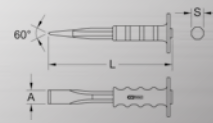
- DIN 7254 form B
- 8-point
- Blade can be resharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|------|-------|
| 162.0481 | 200,0 | 27,0 | 16,0 | 162.0445 | 300 | 9,90 |
| 162.0482 | 250,0 | 27,0 | 16,0 | 162.0445 | 380 | 10,90 |
| 162.0483 | 300,0 | 30,0 | 18,0 | 162.0446 | 600 | 11,90 |
| 162.0484 | 350,0 | 30,0 | 18,0 | 162.0446 | 700 | 12,90 |
| 162.0485 | 400,0 | 30,0 | 20,0 | 162.0447 | 980 | 13,90 |
| 162.0486 | 500,0 | 30,0 | 20,0 | 162.0447 | 1240 | 46,50 |

Bricklayers chisel with hand grip

- DIN 7254 form B
- 8-point
- Blade can be resharpened
- With hand protection grip
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum

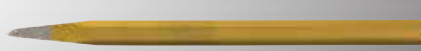
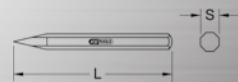


| | L mm | A mm | S mm | g | € |
|----------|---------|---------|---------|------|-------|
| 162.0222 | 250,0 | 27,0 | 16,0 | 380 | 18,50 |
| 162.0223 | 300,0 | 30,0 | 18,0 | 600 | 11,90 |
| 162.0224 | 350,0 | 30,0 | 18,0 | 700 | 19,50 |
| 162.0225 | 400,0 | 30,0 | 20,0 | 980 | 20,50 |
| 162.0226 | 500,0 | 30,0 | 20,0 | 1240 | 54,50 |

POINTED CHISELS

Pointed chisel

- DIN 7256
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | S mm | Handle number | g | € |
|----------|---------|---------|------------------|------|-------|
| 162.0231 | 200,0 | 16,0 | 162.0445 | 280 | 8,50 |
| 162.0232 | 250,0 | 16,0 | 162.0445 | 360 | 10,90 |
| 162.0233 | 300,0 | 18,0 | 162.0446 | 560 | 11,90 |
| 162.0234 | 350,0 | 18,0 | 162.0446 | 660 | 13,90 |
| 162.0235 | 400,0 | 20,0 | 162.0447 | 940 | 17,50 |
| 162.0236 | 500,0 | 20,0 | 162.0447 | 1200 | 41,90 |
| 162.0237 | 600,0 | 20,0 | 162.0447 | 1480 | 53,50 |
| 162.0238 | 800,0 | 20,0 | 162.0447 | 1960 | 69,50 |
| 162.0239 | 1000,0 | 20,0 | 162.0447 | 2440 | 84,50 |

Pointed chisel with hand grip

- DIN 7256
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



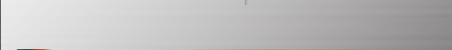
| | L mm | S mm | g | € |
|----------|---------|---------|------|-------|
| 162.0242 | 250,0 | 16,0 | 360 | 16,50 |
| 162.0243 | 300,0 | 18,0 | 560 | 18,50 |
| 162.0244 | 350,0 | 18,0 | 660 | 20,50 |
| 162.0245 | 400,0 | 20,0 | 940 | 22,50 |
| 162.0246 | 500,0 | 20,0 | 1200 | 47,50 |
| 162.0247 | 600,0 | 20,0 | 1480 | 55,90 |
| 162.0248 | 800,0 | 20,0 | 1960 | 75,90 |
| 162.0249 | 1000,0 | 20,0 | 2440 | 95,50 |



ELECTRICIANS CHISEL

Electricians chisel

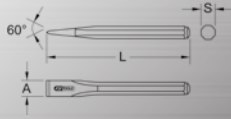
- 4 point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|-----|------|
| 162.0251 | 200,0 | 8,0 | 6,0 | - | 60 | 5,50 |
| 162.0252 | 200,0 | 10,0 | 8,0 | - | 100 | 5,50 |
| 162.0253 | 200,0 | 12,0 | 8,0 | - | 101 | 6,50 |
| 162.0254 | 200,0 | 12,0 | 10,0 | - | 140 | 6,50 |
| 162.0255 | 250,0 | 10,0 | 8,0 | - | 120 | 6,50 |
| 162.0256 | 250,0 | 12,0 | 8,0 | - | 120 | 6,50 |
| 162.0257 | 250,0 | 12,0 | 10,0 | - | 185 | 7,50 |
| 162.0258 | 300,0 | 12,0 | 8,0 | - | 140 | 7,50 |

Electricians chisel

- 8-point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum

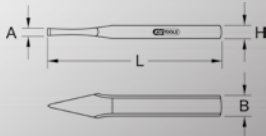


| | L mm | A mm | S mm | Handle number | g | € |
|----------|-------|------|------|---------------|-----|------|
| 162.0261 | 200,0 | 12,0 | 10,0 | - | 120 | 6,50 |
| 162.0262 | 200,0 | 14,0 | 12,0 | - | 160 | 7,50 |
| 162.0263 | 250,0 | 12,0 | 10,0 | - | 150 | 7,50 |
| 162.0264 | 250,0 | 14,0 | 12,0 | - | 210 | 8,50 |
| 162.0265 | 300,0 | 12,0 | 10,0 | - | 200 | 9,90 |
| 162.0266 | 300,0 | 14,0 | 12,0 | - | 260 | 8,50 |

CROSS CHISEL

Cross chisel

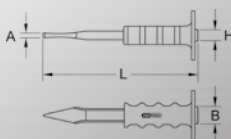
- DIN 6451
- Flat oval form
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|-------|------|------|------|---------------|-----|-------|
| 162.0281 | 100,0 | 5,0 | 14,0 | 9,0 | - | 60 | 8,50 |
| 162.0282 | 125,0 | 5,0 | 14,0 | 9,0 | - | 80 | 9,90 |
| 162.0283 | 150,0 | 6,0 | 17,0 | 11,0 | - | 160 | 7,50 |
| 162.0284 | 175,0 | 7,0 | 20,0 | 12,0 | - | 240 | 8,50 |
| 162.0285 | 200,0 | 8,0 | 23,0 | 13,0 | 162.0442 | 340 | 10,90 |
| 162.0286 | 250,0 | 8,0 | 23,0 | 13,0 | 162.0442 | 460 | 11,90 |
| 162.0287 | 300,0 | 9,0 | 23,0 | 13,0 | 162.0442 | 560 | 23,50 |

Cross chisel with hand grip

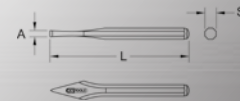
- DIN 6451
- Flat oval form
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | g | € |
|----------|-------|------|------|------|-----|-------|
| 162.0293 | 250,0 | 8,0 | 23,0 | 13,0 | 460 | 16,50 |
| 162.0294 | 300,0 | 9,0 | 23,0 | 13,0 | 560 | 27,90 |

Cross chisel

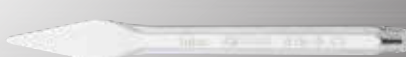
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | S mm | Handle number | g | € |
|----------|-------|------|------|---------------|----|------|
| 162.0301 | 125,0 | 4,0 | 10,0 | - | 60 | 8,50 |

Cross chisel

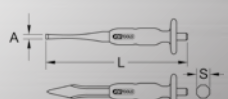
- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium



| | L mm | A mm | S mm | Handle number | g | € |
|----------|-------|------|------|---------------|----|------|
| 156.0161 | 130,0 | 5,0 | 10,0 | - | 60 | 4,50 |

Cross chisel with hand grip

- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



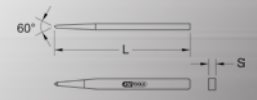
| | L mm | A mm | S mm | g | € |
|----------|-------|------|------|-----|------|
| 156.0242 | 190,0 | 7,0 | 12,0 | 169 | 7,50 |



TILERS POINTED CHISELS

Tilers pointed chisel

- 4 point
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum

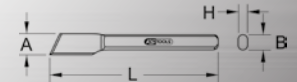


| | L mm | S mm | Handle number | g | € |
|----------|-------|------|---------------|-----|------|
| 162.0321 | 100,0 | 8,0 | - | 40 | 7,50 |
| 162.0322 | 200,0 | 6,0 | - | 60 | 8,50 |
| 162.0323 | 200,0 | 8,0 | - | 100 | 8,50 |
| 162.0324 | 250,0 | 8,0 | - | 120 | 9,90 |
| 162.0325 | 250,0 | 10,0 | - | 180 | 9,90 |

PARTING CHISEL

Bodywork slitting chisel

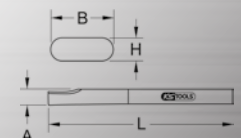
- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|-------|------|------|------|---------------|-----|-------|
| 162.0271 | 250,0 | 30,0 | 23,0 | 13,0 | 162.0442 | 460 | 43,90 |

Bodywork slitting chisel

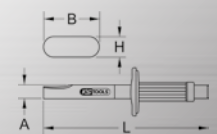
- DIN 7255
- Flat oval form
- Blade can be resharpened
- Extra flat
- Burnished
- Chrome vanadium



| | L mm | A mm | B mm | H mm | Handle number | g | € |
|----------|-------|------|------|------|---------------|-----|-------|
| 140.2162 | 300,0 | 21,0 | 25,0 | 6,0 | - | 310 | 32,50 |

Bodywork slitting chisel with hand grip

- DIN 7255
- Flat oval form
- Blade can be resharpened
- Extra flat
- Burnished
- Chrome vanadium



| | L mm | A mm | B mm | H mm | g | € |
|----------|-------|------|------|------|-----|-------|
| 140.2165 | 300,0 | 21,0 | 25,0 | 6,0 | 550 | 38,50 |

Bodywork spade chisel

- Extra wide execution
- With protective handgrip
- Quenched and tempered
- For cutting metal sheet and spot welds
- Shaft with powder coated lacquer
- Special tool steel



| | B mm | L mm | g | € |
|----------|---------|---------|-----|-------|
| 156.0330 | 60,0 | 240,0 | 600 | 27,90 |

Bodywork slitting chisel

- Suitable for separating welds
- With re-grindable cutters
- Continuous blade
- Two component handle
- Special tool steel



| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|-----|-------|
| 162.0216 | 300,0 | 25,0 | 19,0 | 6,0 | 330 | 21,50 |

Bodywork slitting chisel

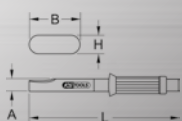
- Suitable for separating welds
- With re-grindable cutters
- Continuous blade
- Two component handle
- Special tool steel



| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|-----|-------|
| 162.0217 | 300,0 | 25,0 | 19,0 | 6,0 | 330 | 23,50 |

Bodywork slitting chisel

- Suitable for separating welds
- With re-grindable cutters
- Continuous blade
- Two component handle
- Special tool steel



| | L mm | A mm | B mm | H mm | g | € |
|----------|---------|---------|---------|---------|-----|-------|
| 162.0218 | 240,0 | 25,0 | 19,0 | 6,0 | 330 | 24,90 |

BOLSTER CHISEL

Bolster chisel

- Flat oval form
- Quenched and tempered
- Blade can be resharpened
- Shaft gold lacquer
- Carbon manganese silicon steel



| | L mm | A mm | Handle number | H mm | g | € |
|----------|---------|---------|------------------|---------|-----|-------|
| 162.0431 | 200,0 | 60,0 | - | 15,0 | 500 | 44,90 |
| 162.0432 | 200,0 | 80,0 | - | 15,0 | 600 | 53,50 |
| 162.0433 | 220,0 | 100,0 | - | 18,0 | 750 | 62,50 |
| 162.0434 | 220,0 | 120,0 | - | 18,0 | 900 | 75,90 |

GLASS FIBRE CHISELS

Glassfibre chisel

- For paint preserving removal of ornament and window strips and wheel weights on aluminium rims
- With impact cap for light impacts
- Special shape of the bit handle ensures safe work
- With flexible flat scraper and cutting edge
- Also suitable for the removal of labels, adhesive and type plates
- Surfaces are not damaged
- Sharpened with a file
- Solvent-resistant
- Special plastic



| | Blade width mm | g | € |
|----------|-------------------|-----|-------|
| 911.8131 | 19,0 | 130 | 9,90 |
| 911.8132 | 22,0 | 140 | 9,90 |
| 911.8133 | 25,0 | 150 | 10,90 |
| 911.8134 | 38,0 | 180 | 11,90 |

Glassfibre chisel set

- For paint preserving removal of ornament and window strips and wheel weights on aluminium rims
- With impact cap for light impacts
- Special shape of the bit handle ensures safe work
- With flexible flat scraper and cutting edge
- Also suitable for the removal of labels, adhesive and type plates
- Surfaces are not damaged
- Sharpened with a file
- Solvent-resistant
- Special plastic



| | g | € |
|----------|----------------------------|-----------|
| 911.8130 | 4 pcs 19 - 22 - 26 - 38 mm | 570 34,50 |

HAND GRIPS

Hand grip for chisel

- Standard version
- PVC



| | L mm | D mm | Handle size mm | g | € |
|----------|---------|---------|-------------------|-----|------|
| 162.0441 | 120,0 | 80,0 | 20x12 | 110 | 4,50 |
| 162.0442 | 120,0 | 80,0 | 23x13 | 110 | 5,50 |
| 162.0443 | 120,0 | 80,0 | 26x7 | 110 | 4,50 |
| 162.0444 | 120,0 | 80,0 | 26x13 | 110 | 5,50 |
| 162.0445 | 120,0 | 80,0 | 16 | 110 | 5,50 |
| 162.0446 | 120,0 | 80,0 | 18 | 110 | 5,50 |
| 162.0447 | 120,0 | 80,0 | 20 | 110 | 5,50 |

Safety hand grip for chisel

- Double hand protection
- PVC



| | L mm | D mm | Handle size mm | g | € |
|----------|---------|---------|-------------------|-----|-------|
| 162.2128 | 140,0 | 100,0 | 23x13 | 170 | 13,90 |
| 162.2129 | 140,0 | 100,0 | 20 | 170 | 13,90 |
| 162.2130 | 140,0 | 100,0 | 26x7 | 170 | 13,90 |
| 162.2132 | 140,0 | 100,0 | 26x13 | 170 | 13,90 |

PIN PUNCHES

Pin punch

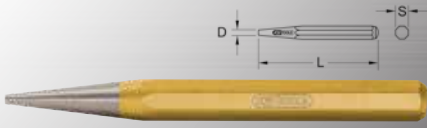
- DIN 6458 form B
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | D mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|----|------|
| 162.0331 | 120,0 | 1,0 | 10,0 | - | 65 | 3,50 |
| 162.0332 | 120,0 | 2,0 | 10,0 | - | 65 | 3,50 |
| 162.0333 | 120,0 | 3,0 | 10,0 | - | 65 | 3,50 |
| 162.0334 | 120,0 | 4,0 | 10,0 | - | 65 | 3,50 |
| 162.0335 | 120,0 | 5,0 | 10,0 | - | 65 | 3,50 |
| 162.0336 | 120,0 | 6,0 | 10,0 | - | 65 | 3,50 |

Pin punch

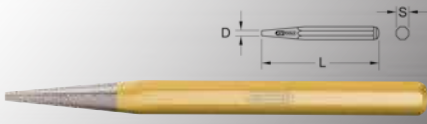
- DIN 6458 form D
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | D mm | S mm | Handle number | KS | € |
|----------|-------|------|------|---------------|-----|-------|
| 162.0341 | 120,0 | 1,0 | 12,0 | - | 85 | 6,50 |
| 162.0342 | 120,0 | 2,0 | 12,0 | - | 85 | 6,50 |
| 162.0343 | 120,0 | 3,0 | 12,0 | - | 85 | 6,50 |
| 162.0344 | 120,0 | 4,0 | 12,0 | - | 90 | 6,50 |
| 162.0345 | 120,0 | 5,0 | 12,0 | - | 90 | 6,50 |
| 162.0346 | 120,0 | 6,0 | 12,0 | - | 90 | 6,50 |
| 162.0347 | 120,0 | 7,0 | 12,0 | - | 95 | 6,50 |
| 162.0348 | 120,0 | 8,0 | 12,0 | - | 95 | 6,50 |
| 162.0349 | 120,0 | 9,0 | 12,0 | - | 100 | 6,50 |
| 162.0350 | 120,0 | 10,0 | 12,0 | - | 105 | 6,50 |
| 162.0352 | 150,0 | 12,0 | 16,0 | - | 220 | 16,50 |

Pin punch with hollow tip

- DIN 6458
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | D mm | S mm | Handle number | KS | € |
|----------|-------|------|------|---------------|----|------|
| 162.0461 | 120,0 | 1,0 | 10,0 | - | 65 | 4,50 |
| 162.0462 | 120,0 | 2,0 | 10,0 | - | 65 | 4,50 |
| 162.0463 | 120,0 | 3,0 | 10,0 | - | 65 | 4,50 |
| 162.0464 | 120,0 | 4,0 | 10,0 | - | 65 | 4,50 |
| 162.0465 | 120,0 | 5,0 | 10,0 | - | 65 | 4,50 |
| 162.0466 | 120,0 | 6,0 | 10,0 | - | 65 | 4,50 |

Punch set for trucks

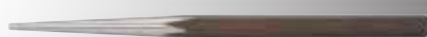
- Conical tapered point
- Universal usage
- For extracting cotter pins, bolts, bearing rings etc.
- Ideally suited for daily workshop use
- High quality and substantial construction
- Premium tempered and hardened steel
- Special steel



| | KS | € |
|--|------|-------|
| 450.0090 4 pcs 6,4 - 6,4 - 8,0 - 13,0 mm | 2,91 | 81,50 |

Truck punch

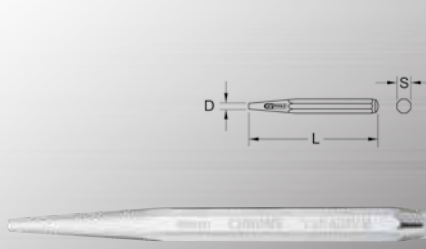
- Conical tapered point
- Universal usage
- For extracting cotter pins, bolts, bearing rings etc.
- Ideally suited for daily workshop use
- High quality and substantial construction
- Premium tempered and hardened steel
- Special steel



| | Ø mm | L mm | KS | € |
|----------|------|-------|------|-------|
| 450.0091 | 6,4 | 300,0 | 390 | 22,50 |
| 450.0092 | 6,4 | 380,0 | 730 | 27,90 |
| 450.0093 | 8,0 | 300,0 | 410 | 31,90 |
| 450.0094 | 13,0 | 460,0 | 1310 | 48,50 |

Pin punch

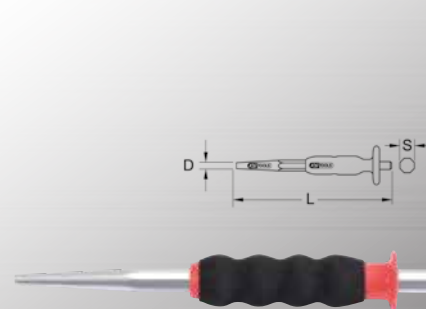
- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium



| | L mm | D mm | S mm | Handle number | KS | € |
|----------|-------|------|------|---------------|----|------|
| 156.0130 | 120,0 | 2,0 | 9,5 | - | 60 | 2,90 |
| 156.0131 | 120,0 | 3,0 | 9,5 | - | 60 | 2,50 |
| 156.0132 | 120,0 | 4,0 | 9,5 | - | 60 | 2,50 |
| 156.0133 | 120,0 | 5,0 | 9,5 | - | 60 | 2,90 |
| 156.0134 | 120,0 | 6,0 | 9,5 | - | 60 | 2,90 |

Pin punches with hand grip

- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



| | L mm | D mm | S mm | KS | € |
|----------|-------|------|------|-----|------|
| 156.0244 | 185,0 | 5,0 | 10,0 | 115 | 6,50 |

Pin punch set

- DIN 6458 Form B+D
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum
- In a plastic bag



| | KS | € |
|---|-----|-------|
| 162.2126 6 pcs 120x10x1 - 120x10x2 - 120x10x3 - 120x10x4 - 120x10x5 - 120x10 mm | 465 | 26,90 |

Pin punch set

- DIN 6458 Form B+D
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum
- In plastic stands



| | KS | € |
|---|-----|-------|
| 162.2127 6 pcs 120x10x1 - 120x10x2 - 120x10x3 - 120x10x4 - 120x10x5 - 120x10 mm | 465 | 28,90 |

Pin punch set

- DIN 6458 Form B+D
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum
- In metal storage cassette



| | KS | € |
|---|-----|-------|
| 162.2124 6 pcs 120x10x1 - 120x10x2 - 120x10x3 - 120x10x4 - 120x10x5 - 120x10 mm | 710 | 29,90 |

COTTER PIN DRIVES

Cotter pin drive, long

- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L1 mm | L2 mm | D mm | S mm | Handle number | KS | € |
|----------|-------|-------|------|------|---------------|-----|------|
| 162.0391 | 175,0 | 80,0 | 3,0 | 10,0 | - | 60 | 4,50 |
| 162.0392 | 175,0 | 80,0 | 4,0 | 10,0 | - | 70 | 4,50 |
| 162.0393 | 175,0 | 80,0 | 5,0 | 10,0 | - | 80 | 4,50 |
| 162.0394 | 175,0 | 80,0 | 6,0 | 10,0 | - | 90 | 4,50 |
| 162.0395 | 175,0 | 80,0 | 8,0 | 12,0 | - | 140 | 5,50 |
| 162.0396 | 175,0 | 80,0 | 10,0 | 12,0 | - | 150 | 5,50 |

Pin punches with hand grip

- Round
- Quenched and tempered
- Tip can be re-sharpened
- Burnished
- Chrome vanadium



| | L1 mm | L2 mm | D mm | S mm | g | € |
|----------|----------|----------|---------|---------|-----|-------|
| 156.0026 | 270,0 | 110,0 | 6,0 | 10,0 | 130 | 10,90 |
| 156.0028 | 300,0 | 130,0 | 8,0 | 12,0 | 220 | 12,90 |
| 156.0030 | 300,0 | 140,0 | 10,0 | 12,0 | 250 | 12,90 |
| 156.0032 | 300,0 | 140,0 | 12,0 | 14,0 | 340 | 17,50 |
| 156.0034 | 300,0 | 140,0 | 14,0 | 16,0 | 450 | 20,50 |

Pin punch set with hand protection grip

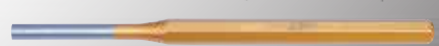
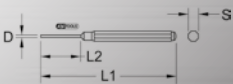
- Quenched and tempered
- Tip can be re-sharpened
- Burnished
- Chrome vanadium
- In metal stand with the possibility of wall hanging



| | g | € |
|--|------|-------|
| 156.0020 5 pcs 270x6 - 300x8 - 300x10 - 300x12 - 300x14 mm | 2,70 | 92,50 |

Pin punch, extra long

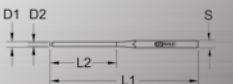
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L1 mm | L2 mm | D mm | S mm | Handle number | g | € |
|----------|----------|----------|---------|---------|------------------|-----|------|
| 162.0401 | 200,0 | 40,0 | 2,0 | 10,0 | - | 82 | 5,50 |
| 162.0402 | 200,0 | 50,0 | 3,0 | 10,0 | - | 90 | 5,50 |
| 162.0403 | 200,0 | 55,0 | 4,0 | 10,0 | - | 92 | 5,50 |
| 162.0404 | 200,0 | 55,0 | 5,0 | 10,0 | - | 96 | 5,50 |
| 162.0405 | 200,0 | 55,0 | 6,0 | 12,0 | - | 100 | 5,50 |
| 162.0406 | 200,0 | 55,0 | 8,0 | 12,0 | - | 150 | 6,50 |
| 162.0407 | 200,0 | 55,0 | 10,0 | 12,0 | - | 165 | 6,50 |

Brake pad cotter pin drive with guide tip

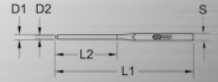
- 8-point
- Extra long execution
- Quenched and tempered
- With guide pin for locking pins
- Suitable for locking pins on vehicles with disk brakes
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L1 mm | L2 mm | D1 mm | D2 mm | S mm | Handle number | g | € |
|----------|----------|----------|----------|----------|---------|------------------|----|------|
| 162.0411 | 175,0 | 85,0 | 4,0 | 2,7 | 10,0 | - | 60 | 5,50 |
| 162.0412 | 175,0 | 85,0 | 6,0 | 3,8 | 10,0 | - | 70 | 5,50 |

Brake pad cotter pin drive with guide tip

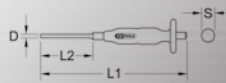
- 6 point
- Extra long execution
- Quenched and tempered
- 150.2151 with guide pin for locking pins
- Suitable for locking pins on vehicles with disk brakes
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L1 mm | L2 mm | D1 mm | D2 mm | S mm | Handle number | g | € |
|----------|----------|----------|----------|----------|---------|------------------|----|------|
| 150.2150 | 180,0 | 80,0 | 4,0 | - | 10,0 | - | 70 | 4,50 |
| 150.2151 | 175,0 | 80,0 | 5,8 | 3,1 | 10,0 | - | 70 | 5,50 |

Pin punch with hand protection grip

- Round
- Quenched and tempered
- Tip can be re-sharpened
- Burnished
- Chrome vanadium



| | L1 mm | L2 mm | D mm | S mm | g | € |
|----------|----------|----------|---------|---------|-----|-------|
| 156.0002 | 130,0 | 30,0 | 3,0 | 8,0 | 50 | 6,50 |
| 156.0003 | 145,0 | 40,0 | 3,0 | 8,0 | 60 | 6,50 |
| 156.0004 | 180,0 | 50,0 | 4,0 | 8,0 | 100 | 7,50 |
| 156.0005 | 180,0 | 60,0 | 5,0 | 10,0 | 100 | 7,50 |
| 156.0006 | 205,0 | 80,0 | 6,0 | 10,0 | 130 | 7,50 |
| 156.0008 | 225,0 | 85,0 | 8,0 | 12,0 | 150 | 9,90 |
| 156.0010 | 225,0 | 90,0 | 10,0 | 12,0 | 200 | 10,90 |

Pin punch set with hand protection grip

- With wall mounting possibility
- Tip can be re-sharpened
- Quenched and tempered
- Burnished
- Chrome vanadium
- In metal stand

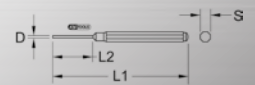


| | g | € |
|---|-----|-------|
| 156.0000 5 pcs 145x3 - 180x4 - 180x5 - 205x6 - 225x8 mm | 650 | 57,90 |



Pin punch

- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium



| | L1 mm | L2 mm | D mm | S mm | Handle number | g | € |
|----------|----------|----------|---------|---------|------------------|-----|------|
| 156.0111 | 115,0 | 30,0 | 2,0 | 8,0 | - | 40 | 4,50 |
| 156.0112 | 125,0 | 40,0 | 3,0 | 8,0 | - | 40 | 3,50 |
| 156.0113 | 150,0 | 50,0 | 4,0 | 9,5 | - | 60 | 3,50 |
| 156.0114 | 165,0 | 50,0 | 5,0 | 9,5 | - | 70 | 3,50 |
| 156.0115 | 180,0 | 55,0 | 6,0 | 12,7 | - | 140 | 5,50 |
| 156.0116 | 180,0 | 55,0 | 8,0 | 12,7 | - | 150 | 5,50 |

Pin punch set

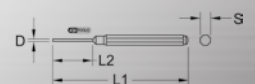
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium
- In plastic support bracket



| | g | € |
|---|-----|-------|
| 156.0150 6 pcs 115x2 - 125x3 - 150x4 - 165x5 - 180x6 - 180x8 mm | 520 | 24,90 |

Pin punch, extra long

- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium



| | L1 mm | L2 mm | D mm | S mm | Handle number | g | € |
|----------|----------|----------|---------|---------|------------------|-----|------|
| 156.0121 | 200,0 | 80,0 | 3,0 | 9,5 | - | 70 | 6,50 |
| 156.0122 | 200,0 | 85,0 | 4,0 | 9,5 | - | 70 | 5,50 |
| 156.0123 | 200,0 | 90,0 | 5,0 | 9,5 | - | 80 | 5,50 |
| 156.0124 | 200,0 | 93,0 | 6,0 | 9,5 | - | 80 | 5,50 |
| 156.0125 | 200,0 | 93,0 | 8,0 | 12,7 | - | 150 | 5,50 |
| 156.0126 | 200,0 | 93,0 | 10,0 | 12,7 | - | 170 | 5,50 |

Pin punch set

- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium
- In metal stand with the possibility of wall hanging



| | kg | € |
|--------------------------------------|------|-------|
| 156.0180 17 pcs Pin punch set | 1,00 | 71,90 |

consists of:

| | kg | € |
|--|-----|---|
| 156.0111 Pin punch octagonal shaft, mirror polished, Ø 2mm | 40 | |
| 156.0112 Pin punch octagonal shaft, mirror polished, Ø 3mm | 40 | |
| 156.0113 Pin punch octagonal shaft, mirror polished, Ø 4mm | 60 | |
| 156.0114 Pin punch octagonal shaft, mirror polished, Ø 5mm | 70 | |
| 156.0115 Pin punch octagonal shaft, mirror polished, Ø 6mm | 140 | |
| 156.0116 Pin punch octagonal shaft, mirror polished, Ø 8mm | 150 | |
| 156.0121 Pin punch octagonal shaft, mirror polished, extra long, Ø 3mm | 70 | |
| 156.0122 Pin punch octagonal shaft, mirror polished, extra long, Ø 4mm | 70 | |
| 156.0123 Pin punch octagonal shaft, mirror polished, extra long, Ø 5mm | 80 | |
| 156.0124 Pin punch octagonal shaft, mirror polished, extra long, Ø 6mm | 80 | |
| 156.0125 Pin punch octagonal shaft, mirror polished, extra long, Ø 8mm | 150 | |
| 156.0126 Pin punch octagonal shaft, mirror polished, extra long, Ø 10mm | 170 | |
| 156.0130 Pin punch, Ø 2mm | 60 | |
| 156.0131 Pin punch, Ø 3mm | 60 | |
| 156.0132 Pin punch, Ø 4mm | 60 | |
| 156.0133 Pin punch, Ø 5mm | 60 | |
| 156.0134 Pin punch, Ø 6mm | 60 | |

Combi tool set

- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium
- In plastic support bracket



| | kg | € |
|--------------------------------------|-----|-------|
| 156.0160 5 pcs Combi tool set | 360 | 16,50 |

consists of:

| | kg | € |
|---|----|---|
| 156.0113 Pin punch octagonal shaft, mirror polished, Ø 4mm | 60 | |
| 156.0131 Pin punch, Ø 3mm | 60 | |
| 156.0175 Centre punch, mirror polished, octagonal shaft, Ø 5mm | 60 | |
| 156.0162 Flat chisel, octagonal shaft, 130mm | 70 | |
| 156.0161 Cross chisel, 130mm | 60 | |

Pin punches with hand grip

- Round
- Quenched and tempered
- Two component handle
- Tip can be re-sharpened
- Tip polished, shaft burnished
- Chrome vanadium



| | D mm | L1 mm | L2 mm | S mm | kg | € |
|-----------------|------|-------|-------|------|-----|------|
| 156.0211 | 2,0 | 150,0 | 30,0 | 10,0 | 100 | 6,50 |
| 156.0212 | 3,0 | 150,0 | 40,0 | 10,0 | 100 | 6,50 |
| 156.0213 | 4,0 | 150,0 | 55,0 | 10,0 | 100 | 6,50 |
| 156.0214 | 5,0 | 150,0 | 60,0 | 10,0 | 100 | 6,50 |
| 156.0215 | 6,0 | 150,0 | 60,0 | 10,0 | 100 | 6,50 |
| 156.0216 | 7,0 | 150,0 | 60,0 | 12,0 | 110 | 7,50 |
| 156.0217 | 8,0 | 150,0 | 60,0 | 12,0 | 110 | 7,50 |
| 156.0218 | 9,0 | 150,0 | 60,0 | 12,0 | 110 | 7,50 |
| 156.0219 | 10,0 | 150,0 | 60,0 | 12,0 | 130 | 7,50 |

Pin punch set with hand protection grip

- Round
- Quenched and tempered
- Two component handle
- Tip can be re-sharpened
- Tip polished, shaft burnished
- Chrome vanadium



| | kg | € |
|--|-----|-------|
| 156.0220 5 pcs 3 - 4 - 5 - 6 - 8 mm | 800 | 44,90 |

Pin punch, cylindrical shaft

- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



| | L1 mm | L2 mm | D mm | S mm | kg | € |
|-----------------|-------|-------|------|------|-----|------|
| 156.0231 | 150,0 | 50,0 | 3,0 | 8,0 | 52 | 4,50 |
| 156.0232 | 180,0 | 61,0 | 4,0 | 10,0 | 93 | 5,50 |
| 156.0233 | 200,0 | 61,0 | 5,0 | 10,0 | 109 | 5,50 |
| 156.0234 | 210,0 | 71,0 | 6,0 | 12,0 | 160 | 7,50 |
| 156.0235 | 220,0 | 85,0 | 8,0 | 12,0 | 172 | 8,50 |



Punch set, cylindrical shaft

- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



| | kg | € |
|--|-----|-------|
| 156.0230 5 pcs 3 - 4 - 5 - 6 - 8 mm | 715 | 35,50 |

Chisel and punch set

- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



| | kg | € |
|--|-----|-------|
| 156.0240 5 pcs Chisel and punch set | 900 | 39,50 |

consists of:

| | kg | € |
|---|-----|---|
| 156.0232 Pin punch, cylindrical shaft, 4mm | 93 | |
| 156.0241 Flat chisel, octagon, 20mm | 273 | |
| 156.0242 Cross chisel, octagon, 7mm | 169 | |
| 156.0243 Centre punch, octagon 10mm | 118 | |
| 156.0244 Punch, Ø 5 mm, conical | 115 | |

Cotter pin drive with guide sleeve

- Guide sleeve, coded
- Ø 0.9 to 4.9 mm with loose guide sleeve
- Ø 5.9 mm with fixed sleeve
- Highly polished
- Chrome vanadium



| | L mm | D mm | S mm | kg | € |
|-----------------|-------|------|------|----|------|
| 162.2249 | 70,0 | 0,9 | 5,0 | 15 | 6,50 |
| 162.2250 | 80,0 | 1,4 | 6,0 | 21 | 6,50 |
| 162.2251 | 83,0 | 1,8 | 6,0 | 21 | 6,50 |
| 162.2252 | 92,0 | 2,4 | 7,0 | 30 | 6,50 |
| 162.2253 | 94,0 | 2,8 | 7,0 | 30 | 6,50 |
| 162.2254 | 100,0 | 3,4 | 8,0 | 35 | 6,50 |
| 162.2255 | 100,0 | 3,9 | 8,0 | 35 | 6,50 |
| 162.2256 | 110,0 | 4,9 | 10,0 | 45 | 6,50 |
| 162.2257 | 115,0 | 5,9 | 12,0 | 68 | 6,50 |

Cotter pin drive set with guide sleeve

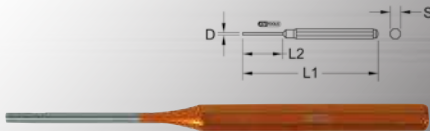
- Guide sleeve, coded
- Ø 0.9 to 4.9 mm with loose guide sleeve
- Ø 5.9 mm with fixed sleeve
- Highly polished
- Chrome vanadium
- In a plastic bag



| | | g | | € |
|----------|-------|---|-----|-------|
| 162.2310 | 8 pcs | 70x0,9 - 80x1,4 - 83x1,8 - 92x2,4 - 94x2,8 - 100x3,4 - 100x3,9 - 115x5,9 mm | 240 | 57,90 |

Pin punch

- DIN 6450 form C
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L1 mm | L2 mm | D mm | S mm | Handle number | g | € |
|----------|-------|-------|------|------|---------------|-----|-------|
| 162.0371 | 150,0 | 35,0 | 2,0 | 10,0 | - | 60 | 3,50 |
| 162.0372 | 150,0 | 40,0 | 2,5 | 10,0 | - | 60 | 3,50 |
| 162.0373 | 150,0 | 40,0 | 3,0 | 10,0 | - | 60 | 3,50 |
| 162.0374 | 150,0 | 40,0 | 3,5 | 10,0 | - | 65 | 3,50 |
| 162.0375 | 150,0 | 50,0 | 4,0 | 10,0 | - | 65 | 3,50 |
| 162.0376 | 150,0 | 50,0 | 4,5 | 10,0 | - | 65 | 3,50 |
| 162.0377 | 150,0 | 50,0 | 5,0 | 10,0 | - | 65 | 3,50 |
| 162.0378 | 150,0 | 50,0 | 6,0 | 10,0 | - | 70 | 3,50 |
| 162.0379 | 150,0 | 55,0 | 7,0 | 10,0 | - | 95 | 4,50 |
| 162.0380 | 150,0 | 55,0 | 8,0 | 12,0 | - | 100 | 4,50 |
| 162.0381 | 150,0 | 55,0 | 9,0 | 12,0 | - | 110 | 4,50 |
| 162.0382 | 150,0 | 55,0 | 10,0 | 12,0 | - | 115 | 4,50 |
| 162.0383 | 150,0 | 55,0 | 12,0 | 16,0 | - | 170 | 19,50 |

Pin punch set

- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum
- In a plastic bag



| | | g | | € |
|----------|-------|---|-----|-------|
| 162.2122 | 6 pcs | 150x10x3 - 150x10x4 - 150x10x5 - 150x10x6 - 150x12x8 - 150x12x10 mm | 470 | 31,50 |

Pin punch set

- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome vanadium
- In plastic support bracket



| | | g | | € |
|----------|-------|---|-----|-------|
| 162.2123 | 6 pcs | 150x10x3 - 150x10x4 - 150x10x5 - 150x10x6 - 150x12x8 - 150x12x10 mm | 470 | 32,50 |

Pin punch set

- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Highly polished
- Chrome vanadium
- In metal storage box



| | | g | | € |
|----------|-------|--|-----|-------|
| 162.0370 | 6 pcs | 150x10x3 - 150x10x4 - 150x10x5 - 150x10x6 - 150x12x8 - 150x12x10mm | 750 | 34,50 |

Combination set

- Evenly hardened and carefully tempered through the whole length
- Impact heads inductively tempered
- Working ends polished ground and clear lacquered
- Chrome vanadium
- In metal storage cassette



| | | g | | € |
|----------|-------|-----------------|-----|-------|
| 162.2114 | 6 pcs | Combination set | 740 | 39,50 |

consists of:

| | | g | | € |
|----------|----------------------------------|-----|--|---|
| 162.0212 | Flat chisel, 8 point, 150mm | 120 | | |
| 162.0301 | Cross chisel, 8 point, 4x125mm | 60 | | |
| 162.0361 | Centre punch, 8 point, Ø 4mm | 65 | | |
| 162.0375 | Pin punch, 8 point, Ø 4mm | 65 | | |
| 162.0333 | Pin punch, 8 point, formB, Ø 3mm | 65 | | |
| 162.0345 | Pin punch, 8 point, formD, Ø 5mm | 90 | | |

Combination set

- Evenly hardened and carefully tempered through the whole length
- Impact heads inductively tempered
- Working ends polished ground and clear lacquered
- In a plastic bag



| | | g | | € |
|----------|-------|-----------------|-----|-------|
| 162.2117 | 6 pcs | Combination set | 510 | 36,50 |

consists of:

| | | g | | € |
|----------|----------------------------------|-----|--|---|
| 162.0212 | Flat chisel, 8 point, 150mm | 120 | | |
| 162.0301 | Cross chisel, 8 point, 4x125mm | 60 | | |
| 162.0361 | Centre punch, 8 point, Ø 4mm | 65 | | |
| 162.0375 | Pin punch, 8 point, Ø 4mm | 65 | | |
| 162.0333 | Pin punch, 8 point, formB, Ø 3mm | 65 | | |
| 162.0345 | Pin punch, 8 point, formD, Ø 5mm | 90 | | |

Combination set

- Evenly hardened and carefully tempered through the whole length
- Impact heads inductively tempered
- Working ends polished ground and clear lacquered
- In plastic support bracket



| | | g | | € |
|----------|-------|-----------------|-----|-------|
| 162.2118 | 6 pcs | Combination set | 510 | 37,50 |

consists of:

| | | g | | € |
|----------|----------------------------------|-----|--|---|
| 162.0212 | Flat chisel, 8 point, 150mm | 120 | | |
| 162.0301 | Cross chisel, 8 point, 4x125mm | 60 | | |
| 162.0361 | Centre punch, 8 point, Ø 4mm | 65 | | |
| 162.0375 | Pin punch, 8 point, Ø 4mm | 65 | | |
| 162.0333 | Pin punch, 8 point, formB, Ø 3mm | 65 | | |
| 162.0345 | Pin punch, 8 point, formD, Ø 5mm | 90 | | |

BEARING AND BUSH DRIVER

Brass and aluminium punch

- For extracting bearing, bolts and bushes etc.
- Rimed handle for better control
- Brass / Aluminium



| | Material | Ø mm | Length mm | kg | € |
|----------|-----------|------|-----------|------|-------|
| 156.0415 | brass | 20,0 | 300,0 | 1,13 | 46,50 |
| 156.0416 | aluminium | 30,0 | 300,0 | 1,89 | 27,90 |

Bearing punch set Ø 10.0 - 14.0 mm

- In durable plastic storage case



| | kg | € |
|--|-----|-------|
| 156.0440 10 pcs Bearing punch set Ø 10.0 - 14.0 mm | 240 | 72,90 |

consists of:

| | kg | € |
|--|-----|---|
| 156.0436 Punch holder without impact, with hand protection | 100 | |
| 156.0441 Polyamide punch adaptor set, 2 pcs, Ø 10mm | 10 | |
| 156.0442 Polyamide punch adaptor set, 2 pcs, Ø 12mm | 10 | |
| 156.0443 Polyamide punch adaptor set, 2 pcs, Ø 14mm | 10 | |
| 156.0449 Aluminium punch adaptor set, 2 pcs, Ø 10mm | 10 | |
| 156.0450 Aluminium punch adaptor set, 2 pcs, Ø 12mm | 10 | |
| 156.0451 Aluminium punch adaptor set, 2 pcs, Ø 14mm | 20 | |
| 156.0457 Brass punch adaptor set, 2 pcs, Ø 10mm | 20 | |
| 156.0458 Brass punch adaptor set, 2 pcs, Ø 12mm | 20 | |
| 156.0459 Brass punch adaptor set, 2 pcs, Ø 14mm | 50 | |

Bearing punch set Ø 25.0 mm

- In durable plastic storage case



| | kg | € |
|--|-----|-------|
| 156.0425 7 pcs Bearing punch set Ø 25.0 mm | 640 | 68,50 |

consists of:

| | kg | € |
|---|-----|---|
| 156.0426 Punch holder without impact | 360 | |
| 156.0447 Polyamide punch adaptor set, 2 pcs, Ø 25mm | 20 | |
| 156.0455 Aluminium punch adaptor set, 2 pcs, Ø 25mm | 50 | |
| 156.0463 Brass punch adaptor set, 2 pcs, Ø 25mm | 150 | |

Universal bearing and bush driver set

- Universal applicable range
- Can be used manually with a hammer or workshop press
- Applications from 18.0 - 65.0 mm
- Pressure plates are for the two driving spindles
- Special tool steel
- In durable plastic storage case



| | kg | € |
|---|------|--------|
| 700.1350 51 pcs Universal bearing and bush driver set | 8,00 | 394,90 |

consists of:

| | kg | € |
|---|-----|---|
| 700.1348 Reception adaptor, 45mm | 500 | |
| 700.1349 Impact drive knurled grip, 220mm | 42 | |
| 700.1351 Pressure plate, 18mm | 12 | |
| 700.1352 Pressure plate, 19mm | 14 | |
| 700.1353 Pressure plate, 20mm | 16 | |
| 700.1354 Pressure plate, 21mm | 20 | |
| 700.1355 Pressure plate, 22mm | 22 | |
| 700.1356 Pressure plate, 23mm | 27 | |
| 700.1357 Pressure plate, 24mm | 30 | |
| 700.1358 Pressure plate, 25mm | 34 | |
| 700.1359 Pressure plate, 26mm | 38 | |
| 700.1360 Pressure plate, 27mm | 43 | |
| 700.1361 Pressure plate, 28mm | 47 | |
| 700.1362 Pressure plate, 29mm | 50 | |
| 700.1363 Pressure plate, 30mm | 53 | |
| 700.1364 Pressure plate, 31mm | 59 | |
| 700.1365 Pressure plate, 32mm | 65 | |
| 700.1366 Pressure plate, 33mm | 68 | |
| 700.1367 Pressure plate, 34mm | 72 | |
| 700.1368 Pressure plate, 35mm | 77 | |
| 700.1369 Pressure plate, 36mm | 82 | |
| 700.1370 Pressure plate, 37mm | 89 | |
| 700.1371 Pressure plate, 38mm | 94 | |
| 700.1372 Pressure plate, 39mm | 97 | |
| 700.1373 Pressure plate, 40mm | 105 | |
| 700.1374 Pressure plate, 41mm | 111 | |
| 700.1375 Pressure plate, 42mm | 119 | |
| 700.1376 Pressure plate, 43mm | 125 | |
| 700.1377 Pressure plate, 44mm | 132 | |
| 700.1378 Pressure plate, 45mm | 138 | |
| 700.1379 Pressure plate, 46mm | 144 | |
| 700.1380 Pressure plate, 47mm | 153 | |
| 700.1381 Pressure plate, 48mm | 159 | |
| 700.1382 Pressure plate, 49mm | 165 | |
| 700.1383 Pressure plate, 50mm | 172 | |
| 700.1384 Pressure plate, 51mm | 181 | |
| 700.1385 Pressure plate, 52mm | 188 | |
| 700.1386 Pressure plate, 53mm | 196 | |
| 700.1387 Pressure plate, 54mm | 205 | |
| 700.1388 Pressure plate, 55mm | 213 | |
| 700.1389 Pressure plate, 56mm | 221 | |

consists of:

| | kg | € |
|-------------------------------|-----|---|
| 700.1390 Pressure plate, 57mm | 231 | |
| 700.1391 Pressure plate, 58mm | 238 | |
| 700.1392 Pressure plate, 59mm | 247 | |
| 700.1393 Pressure plate, 60mm | 258 | |
| 700.1394 Pressure plate, 61mm | 266 | |
| 700.1395 Pressure plate, 62mm | 276 | |
| 700.1396 Pressure plate, 63mm | 284 | |
| 700.1397 Pressure plate, 64mm | 294 | |
| 700.1398 Pressure plate, 65mm | 305 | |
| 700.1399 Support plate, 74mm | 500 | |

Universal bearing and bush driver set

- for gentle driving of bearing and radial sealing rings
- Universal applicable range
- Can be used manually with a hammer or workshop press
- Applications from 70.0 - 150.0 mm
- Pressure plates are for the two driving spindles
- Special tool steel
- In durable plastic storage case



| | kg | € |
|---|-------|--------|
| 150.9710 21 pcs Universal bearing and bush driver set | 19,13 | 787,50 |

consists of:

| | kg | € |
|--|------|---|
| 150.9712 Adaptor for Hydraulic thrust bolt, 45,5 mm | 44 | |
| 150.9713 Retaining adapter, 55 mm | 217 | |
| 150.9714 Repellent spike with knurling, 273,0 mm | 1077 | |
| 150.9715 Pressure plate, 70 mm | 353 | |
| 150.9716 Pressure plate, 75 mm | 406 | |
| 150.9717 Pressure plate, 80 mm | 465 | |
| 150.9718 Pressure plate, 85 mm | 524 | |
| 150.9719 Pressure plate, 90 mm | 593 | |
| 150.9720 Pressure plate, 95 mm | 659 | |
| 150.9721 Pressure plate, 100 mm | 733 | |
| 150.9722 Pressure plate, 105 mm | 812 | |
| 150.9723 Pressure plate, 110 mm | 893 | |
| 150.9724 Pressure plate, 115 mm | 977 | |
| 150.9725 Pressure plate, 120 mm | 1065 | |
| 150.9726 Pressure plate, 125 mm | 1157 | |
| 150.9727 Pressure plate, 130 mm | 1255 | |
| 150.9728 Pressure plate, 135 mm | 1349 | |
| 150.9729 Pressure plate, 140 mm | 1457 | |
| 150.9730 Pressure plate, 145 mm | 1563 | |
| 150.9731 Pressure plate, 150 mm | 1676 | |
| 151.2603 Hexagon key wrench phosphate finish, short, 3mm | 10 | |



CENTRE PUNCH

Centre punch

- Round
- Quenched and tempered
- Tip can be re-sharpened
- Black lacquer
- Chrome vanadium

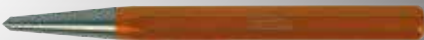


| | L mm | D mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|-----|-------|
| 156.0340 | 150,0 | 5,0 | 10,0 | - | 70 | 4,50 |
| 156.0342 | 150,0 | 6,0 | 12,0 | - | 120 | 4,50 |
| 156.0344 | 210,0 | 7,0 | 14,0 | - | 170 | 5,50 |
| 156.0346 | 215,0 | 8,0 | 16,0 | - | 230 | 7,50 |
| 156.0348 | 220,0 | 9,0 | 18,0 | - | 310 | 8,50 |
| 156.0350 | 220,0 | 10,0 | 20,0 | - | 410 | 10,90 |
| 156.0352 | 220,0 | 11,0 | 22,0 | - | 510 | 11,90 |
| 156.0354 | 250,0 | 12,0 | 24,0 | - | 640 | 13,90 |

CENTRE PUNCHES

Centre punch

- DIN 7250
- 8-point
- Tip can be re-sharpened
- Quenched and tempered
- Shaft with gold coated lacquer
- Highly polished
- Chrome molybdenum



| | L mm | D mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|-----|-------|
| 162.0361 | 120,0 | 4,0 | 10,0 | - | 65 | 3,50 |
| 162.0362 | 120,0 | 5,0 | 12,0 | - | 90 | 3,50 |
| 162.0363 | 150,0 | 5,0 | 12,0 | - | 120 | 3,50 |
| 162.0364 | 150,0 | 6,0 | 14,0 | - | 200 | 10,90 |
| 162.0365 | 150,0 | 8,0 | 18,0 | - | 260 | 6,50 |

Centre punch

- Round
- Quenched and tempered
- Burnished
- Chrome vanadium

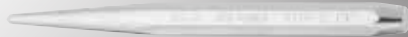


| | L mm | D mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|-----|------|
| 156.0404 | 100,0 | 4,0 | 10,0 | - | 30 | 1,90 |
| 156.0406 | 115,0 | 6,0 | 10,0 | - | 60 | 2,50 |
| 156.0408 | 120,0 | 8,0 | 12,0 | - | 120 | 2,50 |
| 156.0410 | 130,0 | 10,0 | 14,0 | - | 135 | 2,90 |



Centre punch

- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- Chrome vanadium



| | L mm | D mm | S mm | Handle number | g | € |
|----------|---------|---------|---------|------------------|----|------|
| 156.0175 | 120,0 | 5,0 | 10,0 | - | 60 | 2,50 |

Centre punch with hand grip

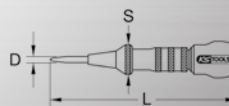
- 8-point
- Quenched and tempered
- Tip can be re-sharpened
- Highly polished
- Chrome molybdenum



| | L mm | D mm | S mm | g | € |
|----------|---------|---------|---------|-----|------|
| 156.0243 | 185,0 | 10,0 | 10,0 | 118 | 8,50 |

Automatic centre punch

- Round
- Ergonomic handle
- Power of impact 17-20 kg
- Phosphate finish
- Chrome vanadium

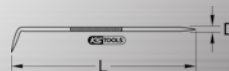


| | L mm | D mm | S mm | g | € |
|----------|---------|---------|---------|-----|-------|
| 156.0466 | 160,0 | 4,0 | 25,0 | 250 | 26,90 |

SCRIBER

Scriber

- For marking of work pieces
- Straight and 70° bent tip
- Knurled handle
- Hardened point
- Burnished
- Special tool steel



| | L mm | D mm | g | € |
|----------|---------|---------|----|------|
| 300.0300 | 190,0 | 4,0 | 10 | 2,50 |

Hard metal scriber

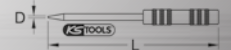
- For marking of work pieces
- Straight and 70° bent tip
- With hard metal tip
- Hardened point
- Special tool steel



| | L mm | D mm | g | € |
|----------|---------|---------|----|------|
| 300.2136 | 250,0 | 8,0 | 46 | 4,50 |

Hard metal scriber

- For marking of work pieces
- Straight and one-sided tip
- With hard metal tip
- Hardened point
- Special tool steel



| | L mm | D mm | g | € |
|----------|---------|---------|----|------|
| 300.2135 | 170,0 | 4,0 | 38 | 4,50 |

Hard metal scriber

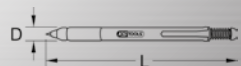
- For marking of work pieces
- Straight form
- With hard metal tip
- Pocket clip
- Hardened point
- Chrome plated
- Special tool steel



| | L mm | D mm | g | € |
|----------|---------|---------|----|------|
| 300.0301 | 145,0 | 5,0 | 60 | 3,50 |
| 300.2137 | 150,0 | 6,0 | 36 | 5,50 |

Hard metal scriber in ball-point pen form

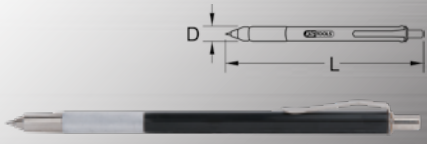
- For marking of work pieces
- Straight form
- Hardened and interchangeable hard metal tips
- Pocket clip
- Protection through foldaway needle tip
- Adjustable and lead bow mine
- Metal housing



| | L mm | D mm | Replacement tip | g | € |
|----------|---------|---------|--------------------|----|-------|
| 300.0302 | 150,0 | 8,0 | 300.0303 | 40 | 12,90 |

Hard metal scriber in ball-point pen form

- For marking of work pieces
- Straight form
- Hardened and interchangeable hard metal tips
- Pocket clip
- Protection through foldaway needle tip
- Adjustable and lead bow mine
- Metal housing

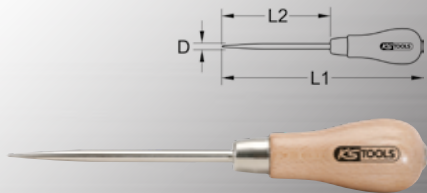


| | L mm | D mm | Replacement tip | g | € |
|-----------------|---------|---------|--------------------|----|-------|
| 300.2138 | 160,0 | 8,0 | 300.2139 | 22 | 16,50 |

PUNCHES

Punches

- Impact cap on the handle end
- Sealed beech wood handle
- Mirror polished
- Highly polished
- Chrome vanadium

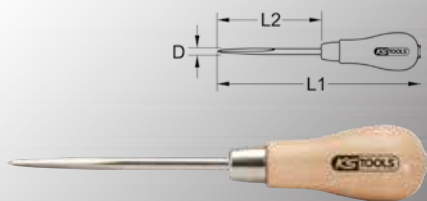


| | L1 mm | L2 mm | D mm | g | € |
|-----------------|----------|----------|---------|----|------|
| 300.1081 | 190,0 | 100,0 | 6,0 | 70 | 6,50 |

AWLE

Awle

- Impact cap on the handle end
- Sealed beech wood handle
- Mirror polished
- Highly polished
- Chrome vanadium



| | L1 mm | L2 mm | D mm | g | € |
|-----------------|----------|----------|---------|----|------|
| 300.1082 | 190,0 | 100,0 | 6,0 | 70 | 6,50 |



STAMP SETS

Number stamping set

- Lettering to DIN 1451
- Numbers „0 - 9“
- For stamping in materials up to 100 kp / mm² resistance
- 4 point shaft
- Font size 5 - 6mm
- Shaft engraved
- In plastic storage box



| | g | € |
|---|-----|-------|
| 156.0467 9 pcs Number stamping set | 500 | 11,90 |

Letter stamping set

- Lettering to DIN 1451
- Letters „A - Z“
- For stamping in materials up to 100 kp / mm² resistance
- 4 point shaft
- Font size 5 - 6mm
- Shaft engraved
- In plastic storage box



| | g | € |
|--|------|-------|
| 156.0468 27 pcs Letter stamping set | 1,33 | 32,50 |

Universal letter and number punch set

- Lettering to DIN 1451
- For stamping in materials up to 100 kp / mm² resistance
- 4 point shaft
- Font size 5 - 6mm
- Shaft engraved
- In durable plastic storage case



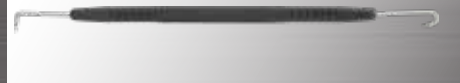
| | g | € |
|--|------|--------|
| 156.0465 40 pcs Universal letter and number punch set | 2,37 | 192,50 |

| | | |
|-----|--|-------|
| 1 x | | |
| 1 x | | 0 - 9 |
| 1 x | | A - Z |
| 1 x | | |
| 1 x | | |

GASKET RING DISMANTLING TOOL

Hook, 90° short, 180° short

- Ideal for removing and use of O rings and seals
- Special tool steel



| | g | € |
|---|----|------|
| 550.1041 Hook, 90° short, 180° short | 11 | 3,90 |

Hook, 45° long, 90° long

- Ideal for removing and use of O rings and seals
- Special tool steel



| | g | € |
|--|----|------|
| 550.1042 Hook, 45° long, 90° long | 11 | 3,50 |

Hook tool set

- Ideal for removing and use of O rings and seals
- Special tool steel



| | g | € |
|-------------------------------------|----|------|
| 550.1040 2 pcs Hook tool set | 30 | 8,50 |

consists of:

| | g | € |
|--|----|---|
| 550.1041 Hook, 90° short, 180° short bent | 11 | |
| 550.1042 Hook, 45° long, 90° long | 11 | |

Magnet and hook tool set

- Ideal for removing and use of O rings and seals
- With telescopic magnet attachment and replaceable hook
- Storage compartment in the handle for the various attachments
- Special tool steel



| | g | € |
|--|----|-------|
| 550.1080 6 pcs Magnet and hook tool set | 70 | 21,50 |

| | | |
|-----|--|--|
| 1 x | | |
| 1 x | | |
| 1 x | | |
| 1 x | | |
| 1 x | | |
| 1 x | | |

consists of:

| 550.1081 | Basic unit | 35 |
|----------|---|----|
| 550.1082 | Telescopic magnet attachment, 90-390 mm | 13 |
| 550.1083 | Hook attachment, straight, 75 mm | 5 |
| 550.1084 | Hook attachment, 90°, 75 mm | 5 |
| 550.1085 | Hook attachment, 120°, 75 mm | 5 |
| 550.1086 | Hook attachment, lateral bend, 75 mm | 5 |

T hook, S form small

- Ideal for removing and use of O rings and seals
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1074 | 120,0 | 42 | 9,90 |

T hook, S form large

- Ideal for removing and use of O rings and seals
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|-------|
| 550.1075 | 165,0 | 96 | 10,90 |

Hook, straight

- Ideal for removing and use of O rings and seals
- Two component handle
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1046 | 140,0 | 27 | 3,50 |

Hook, 45°

- Ideal for removing and use of O rings and seals
- Two component handle
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1047 | 140,0 | 27 | 3,50 |

Hook, 90°

- Ideal for removing and use of O rings and seals
- Two component handle
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1048 | 140,0 | 27 | 3,50 |

Hook, 135°

- Ideal for removing and use of O rings and seals
- Two component handle
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1049 | 140,0 | 27 | 4,50 |

Hook, straight

- Ideal for removing and use of O rings and seals
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1071 | 215,0 | 91 | 6,50 |

Hook, 90°

- Ideal for removing and use of O rings and seals
- Special tool steel



| | Length mm | | € |
|----------|--------------|-----|------|
| 550.1072 | 240,0 | 105 | 6,50 |

Hook, sickle

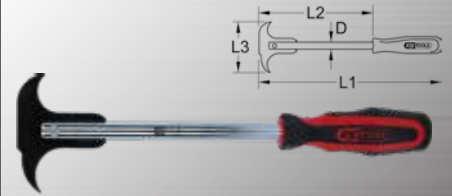
- Ideal for removing and use of O rings and seals
- Special tool steel



| | Length mm | | € |
|----------|--------------|----|------|
| 550.1073 | 185,0 | 88 | 6,50 |

Gasket ring dismantling tool

- sickle-shaped
- For the removal of washers
- Long durability through hardened leverage
- Universal usage
- Two component handle
- Burnished
- Chrome vanadium



| | L1 mm | L2 mm | L3 mm | D mm | | € |
|----------|----------|----------|----------|---------|-----|-------|
| 550.1060 | 300,0 | 195,0 | 85,0 | 12,0 | 380 | 20,50 |

Hook tool set

- Ideal for removing and use of O rings and seals
- Two component handle
- Special tool steel



| | | € |
|------------------------------|-----|------|
| 550.1045 4 pcs Hook tool set | 120 | 9,90 |

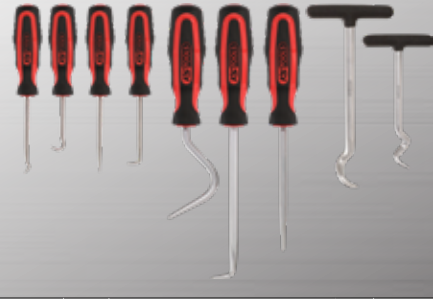
consists of:

| 550.1046 Hook, straight | 27 |
|---------------------------|----|
| 550.1047 Hook, 45° offset | 27 |
| 550.1048 Hook, 90° offset | 27 |
| 550.1049 Hook, 135° bent | 27 |



Master hook tool set

- Ideal for removing and use of O rings and seals
- Special tool steel



| | | | kg | € |
|----------|-------|----------------------|-----|-------|
| 550.1070 | 9 pcs | Master hook tool set | 680 | 19,90 |

consists of:

| | | kg |
|----------|-----------------------------|-----|
| 550.1046 | Hook, straight | 27 |
| 550.1047 | Hook, 45° offset | 27 |
| 550.1048 | Hook, 90° offset | 27 |
| 550.1049 | Hook, 135° bent | 27 |
| 550.1071 | Hook, large, straight | 91 |
| 550.1072 | Hook, large, 90° bent | 105 |
| 550.1073 | Hook, large, sickle | 88 |
| 550.1074 | T hook, S form small, 120mm | 42 |
| 550.1075 | T hook, S form large, 165mm | 96 |

HANDLE PUNCH

Handle punch

- According to DIN 7200 form A
- Strong forged form
- Pipe polished ground
- For punching holes and production of washers and gasket rings
- Interior conical for removing the blank head
- Shaft machined
- Red lacquer
- Cutting edge hardened
- Special tool steel



| | L mm | D mm | D | kg | € |
|----------|-------|------|--------|------|-------|
| 129.2002 | 100,0 | 2,0 | | 0,04 | 6,50 |
| 129.2003 | 100,0 | 3,0 | | 0,04 | 6,50 |
| 129.2004 | 105,0 | 4,0 | | 0,04 | 6,50 |
| 129.2005 | 110,0 | 5,0 | | 0,05 | 6,50 |
| 129.2006 | 110,0 | 6,0 | | 0,05 | 6,50 |
| 129.2007 | 115,0 | 7,0 | | 0,05 | 7,50 |
| 129.2008 | 120,0 | 8,0 | | 0,07 | 7,50 |
| 129.2009 | 120,0 | 9,0 | | 0,07 | 7,50 |
| 129.2010 | 130,0 | 10,0 | | 0,07 | 8,50 |
| 129.2011 | 130,0 | 11,0 | | 0,10 | 9,90 |
| 129.2012 | 130,0 | 12,0 | 15/32" | 0,12 | 9,90 |
| 129.2013 | 140,0 | 13,0 | 1/2" | 0,16 | 10,90 |
| 129.2014 | 140,0 | 14,0 | 9/16" | 0,16 | 11,90 |
| 129.2015 | 140,0 | 15,0 | 19/32" | 0,16 | 12,90 |
| 129.2016 | 145,0 | 16,0 | 5/8" | 0,17 | 13,90 |
| 129.2017 | 145,0 | 17,0 | 21/32" | 0,21 | 14,90 |

| | L mm | D mm | D | kg | € |
|----------|-------|-------|----------|------|--------|
| 129.2018 | 145,0 | 18,0 | 11/16" | 0,21 | 16,50 |
| 129.2019 | 145,0 | 19,0 | 3/4" | 0,21 | 16,50 |
| 129.2020 | 160,0 | 20,0 | 25/32" | 0,29 | 19,50 |
| 129.2021 | 160,0 | 21,0 | 13/16" | 0,29 | 20,50 |
| 129.2022 | 160,0 | 22,0 | 7/8" | 0,30 | 21,50 |
| 129.2023 | 170,0 | 23,0 | 29/32" | 0,33 | 23,50 |
| 129.2024 | 170,0 | 24,0 | 15/16" | 0,34 | 25,90 |
| 129.2025 | 170,0 | 25,0 | 1" | 0,36 | 27,90 |
| 129.2026 | 170,0 | 26,0 | 1.1/32" | 0,36 | 29,90 |
| 129.2027 | 175,0 | 27,0 | 1.1/16" | 0,45 | 32,50 |
| 129.2028 | 175,0 | 28,0 | 1.3/32" | 0,46 | 34,50 |
| 129.2029 | 175,0 | 29,0 | 1.1/8" | 0,46 | 36,50 |
| 129.2030 | 190,0 | 30,0 | 1.3/16" | 0,56 | 38,50 |
| 129.2031 | 190,0 | 31,0 | | 0,56 | 40,90 |
| 129.2032 | 192,0 | 32,0 | 1.1/4" | 0,56 | 42,90 |
| 129.2033 | 195,0 | 33,0 | | 0,64 | 44,90 |
| 129.2034 | 195,0 | 34,0 | 1.5/16" | 0,65 | 47,50 |
| 129.2035 | 195,0 | 35,0 | 1.3/8" | 0,66 | 49,50 |
| 129.2036 | 195,0 | 36,0 | | 0,66 | 51,50 |
| 129.2037 | 205,0 | 37,0 | 1.7/16" | 0,75 | 53,50 |
| 129.2038 | 205,0 | 38,0 | 1.1/2" | 0,78 | 56,90 |
| 129.2039 | 205,0 | 39,0 | | 0,80 | 59,90 |
| 129.2040 | 205,0 | 40,0 | 1.9/16" | 0,81 | 63,50 |
| 129.2041 | 205,0 | 41,0 | 1.5/8" | 0,82 | 71,90 |
| 129.2042 | 220,0 | 42,0 | | 0,98 | 75,90 |
| 129.2043 | 220,0 | 43,0 | 1.11/16" | 0,98 | 79,50 |
| 129.2044 | 220,0 | 44,0 | | 0,98 | 84,50 |
| 129.2045 | 220,0 | 45,0 | 1.3/4" | 1,00 | 88,90 |
| 129.2046 | 220,0 | 46,0 | 1.13/16" | 1,10 | 93,50 |
| 129.2047 | 230,0 | 47,0 | 1.7/8" | 1,16 | 98,50 |
| 129.2048 | 230,0 | 48,0 | | 1,18 | 105,90 |
| 129.2049 | 230,0 | 49,0 | 1.15/16" | 1,19 | 110,50 |
| 129.2050 | 230,0 | 50,0 | | 1,20 | 116,90 |
| 129.2051 | 230,0 | 51,0 | 2" | 1,20 | 124,50 |
| 129.2052 | 240,0 | 52,0 | | 1,85 | 132,90 |
| 129.2053 | 240,0 | 53,0 | | 1,85 | 142,50 |
| 129.2054 | 240,0 | 54,0 | 2.1/8" | 1,85 | 148,90 |
| 129.2055 | 240,0 | 55,0 | | 1,85 | 155,50 |
| 129.2056 | 260,0 | 56,0 | 2.3/16" | 1,85 | 164,90 |
| 129.2057 | 260,0 | 57,0 | | 1,85 | 171,50 |
| 129.2058 | 260,0 | 58,0 | 2.1/4" | 1,85 | 178,90 |
| 129.2059 | 260,0 | 59,0 | | 1,85 | 188,50 |
| 129.2060 | 260,0 | 60,0 | | 1,85 | 195,90 |
| 129.2061 | 260,0 | 61,0 | | 1,85 | 205,50 |
| 129.2062 | 260,0 | 62,0 | | 1,85 | 216,50 |
| 129.2063 | 260,0 | 63,0 | | 1,85 | 224,90 |
| 129.2064 | 260,0 | 64,0 | 2.1/2" | 1,85 | 228,90 |
| 129.2065 | 260,0 | 65,0 | | 3,65 | 238,90 |
| 129.2066 | 260,0 | 66,0 | | 3,65 | 243,90 |
| 129.2067 | 300,0 | 67,0 | | 3,65 | 248,50 |
| 129.2068 | 300,0 | 68,0 | | 3,65 | 252,50 |
| 129.2069 | 300,0 | 69,0 | | 3,65 | 254,90 |
| 129.2070 | 300,0 | 70,0 | 2.3/4" | 3,65 | 260,50 |
| 129.2071 | 300,0 | 71,0 | | 3,65 | 268,50 |
| 129.2072 | 300,0 | 72,0 | | 3,65 | 273,90 |
| 129.2073 | 300,0 | 73,0 | | 3,65 | 287,90 |
| 129.2074 | 300,0 | 74,0 | | 3,65 | 297,50 |
| 129.2075 | 300,0 | 75,0 | | 4,30 | 310,50 |
| 129.2076 | 300,0 | 76,0 | 3" | 4,30 | 329,50 |
| 129.2077 | 340,0 | 77,0 | | 4,30 | 334,90 |
| 129.2078 | 340,0 | 78,0 | | 4,30 | 343,50 |
| 129.2079 | 340,0 | 79,0 | | 4,30 | 352,50 |
| 129.2080 | 340,0 | 80,0 | | 4,30 | 362,90 |
| 129.2085 | 340,0 | 85,0 | | 4,30 | 407,90 |
| 129.2090 | 345,0 | 90,0 | | 5,15 | 459,50 |
| 129.2095 | 345,0 | 95,0 | 3.3/4" | 8,50 | 551,50 |
| 129.2100 | 380,0 | 100,0 | | 8,50 | 592,90 |
| 129.2105 | 380,0 | 105,0 | | 8,50 | 634,50 |
| 129.2110 | 380,0 | 110,0 | | 8,50 | 679,50 |
| 129.2115 | 380,0 | 115,0 | 4.1/2" | 8,50 | 679,50 |
| 129.2120 | 380,0 | 120,0 | | 8,50 | 716,90 |



Arc punch set

- According to DIN 7200 form A
- Strong forged form
- Pipe polished ground
- For punching holes and production of washers and gasket rings
- Interior conical for removing the blank head
- Shaft machined
- Red lacquer
- Cutting edge hardened
- Special tool steel

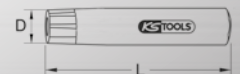


| | | | kg | € |
|----------|--------|--|------|--------|
| 129.2102 | 7 pcs | 3 - 5 - 7 - 8 - 10 - 11 - 13 mm | 0,72 | 60,90 |
| 129.2103 | 8 pcs | 3 - 5 - 7 - 8 - 10 - 13 - 16 - 19 mm | 1,00 | 83,50 |
| 129.2106 | 8 pcs | 6 - 8 - 10 - 12 - 14 - 16 - 20 - 25 mm | 1,51 | 110,50 |
| 129.2104 | 10 pcs | 3 - 5 - 7 - 8 - 10 - 13 - 16 - 19 - 22 - 25 mm | 1,00 | 133,90 |

ROUND HOLE PUNCH

Round hole punch

- According to DIN 7200 Form B
- Strong forged form
- Pipe polished ground
- For punching holes and production of washers and gasket rings
- Interior conical for removing the blank head
- Red lacquer
- Cutting edge hardened
- Special tool steel



| | L mm | D mm | kg | € |
|----------|-------|------|-----|-------|
| 129.2302 | 105,0 | 2,0 | 22 | 4,50 |
| 129.2303 | 105,0 | 3,0 | 28 | 4,50 |
| 129.2304 | 110,0 | 4,0 | 35 | 4,50 |
| 129.2305 | 115,0 | 5,0 | 47 | 4,50 |
| 129.2306 | 115,0 | 6,0 | 56 | 4,50 |
| 129.2307 | 120,0 | 7,0 | 56 | 4,50 |
| 129.2308 | 120,0 | 8,0 | 71 | 5,50 |
| 129.2309 | 125,0 | 9,0 | 71 | 5,50 |
| 129.2310 | 125,0 | 10,0 | 82 | 6,50 |
| 129.2311 | 125,0 | 11,0 | 110 | 7,50 |
| 129.2312 | 130,0 | 12,0 | 130 | 8,50 |
| 129.2313 | 130,0 | 13,0 | 140 | 9,90 |
| 129.2314 | 135,0 | 14,0 | 170 | 10,90 |
| 129.2315 | 135,0 | 15,0 | 180 | 11,90 |
| 129.2316 | 140,0 | 16,0 | 200 | 12,90 |
| 129.2317 | 140,0 | 17,0 | 220 | 14,90 |
| 129.2318 | 150,0 | 18,0 | 280 | 16,50 |
| 129.2319 | 150,0 | 19,0 | 300 | 19,50 |
| 129.2320 | 156,0 | 20,0 | 350 | 20,50 |
| 129.2321 | 156,0 | 21,0 | 380 | 22,50 |
| 129.2322 | 156,0 | 22,0 | 430 | 23,50 |
| 129.2323 | 156,0 | 23,0 | 460 | 26,90 |
| 129.2324 | 160,0 | 24,0 | 550 | 28,90 |
| 129.2325 | 160,0 | 25,0 | 580 | 29,90 |

Round hole punch set

- According to DIN 7200 Form B
- Strong forged form
- Pipe polished ground
- For punching holes and production of washers and gasket rings
- Interior conical for removing the blank head
- Shaft machined
- Red lacquer
- Cutting edge hardened
- Special tool steel



| | | | | g | € |
|----------|--------|---|--|------|--------|
| 129.2113 | 7 pcs | 5 - 6 - 7 - 10 - 11 - 12 mm | | 620 | 39,50 |
| 129.2108 | 7 pcs | 3 - 5 - 7 - 8 - 10 - 11 - 13 mm | | 730 | 44,90 |
| 129.2109 | 8 pcs | 3 - 5 - 7 - 8 - 10 - 13 - 16 - 19 mm | | 1260 | 68,50 |
| 129.2107 | 9 pcs | 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm | | 640 | 44,90 |
| 129.2111 | 9 pcs | 3 - 5 - 7 - 8 - 10 - 13 - 16 - 19 - 22 mm | | 1760 | 93,50 |
| 129.2112 | 10 pcs | 3 - 5 - 7 - 8 - 10 - 13 - 16 - 19 - 25 mm | | 2360 | 121,90 |

HOLE PUNCHES

Hole punch set

- For punching out rings and for making discs and holes
- Punches can also be used in pairs
- Chrome vanadium
- In durable plastic storage case

Suitable for: foam rubber, cardboard, leather, rubberfibrous materials, plastics and lead



| | | kg | € |
|----------|-----------------------|------|--------|
| 129.0100 | 16 pcs Hole punch set | 1,10 | 196,90 |

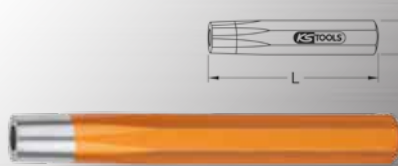
consists of:

| | | g |
|----------|---|-----|
| 129.0101 | Three-size holder for seal punches | 300 |
| 129.0103 | Hole punch, thread holder, 3mm | 10 |
| 129.0104 | Hole punch, thread holder, 4mm | 10 |
| 129.0106 | Hole punch, thread holder, 6mm | 10 |
| 129.0108 | Hole punch, thread holder, 8mm | 10 |
| 129.0110 | Hole punch, thread holder, 10mm | 10 |
| 129.0112 | Hole punch, punching iron mandrel, 12mm | 20 |
| 129.0114 | Hole punch, punching iron mandrel, 14mm | 20 |
| 129.0116 | Hole punch, punching iron mandrel, 16mm | 20 |
| 129.0118 | Hole punch, punching iron mandrel, 18mm | 20 |
| 129.0120 | Hole punch, punching iron mandrel, 20mm | 20 |
| 129.0122 | Hole punch, punching iron mandrel, 22mm | 40 |
| 129.0124 | Hole punch, punching iron mandrel, 24mm | 40 |
| 129.0126 | Hole punch, punching iron mandrel, 26mm | 40 |
| 129.0128 | Hole punch, punching iron mandrel, 28mm | 40 |
| 129.0130 | Hole punch, punching iron mandrel, 30mm | 40 |

RIVET PROCESSING TOOL

Rivet setters

- Working ends polished ground and clear lacquered
- Suitable for rivets according to DIN 660 / 661 / 662 / 674
- Chrome vanadium



| | Ø rivet mm | L mm | S mm | g | € |
|----------|------------|-------|------|-----|-------|
| 129.2400 | 2,0 | 100,0 | 10,0 | 60 | 7,50 |
| 129.2401 | 3,0 | 100,0 | 10,0 | 60 | 7,50 |
| 129.2402 | 4,0 | 100,0 | 12,0 | 90 | 7,50 |
| 129.2403 | 5,0 | 110,0 | 14,0 | 135 | 8,50 |
| 129.2404 | 6,0 | 110,0 | 14,0 | 135 | 9,90 |
| 129.2405 | 7,0 | 120,0 | 16,0 | 190 | 11,90 |
| 129.2406 | 8,0 | 120,0 | 16,0 | 190 | 11,90 |
| 129.2407 | 9,0 | 130,0 | 18,0 | 265 | 12,90 |
| 129.2408 | 10,0 | 130,0 | 20,0 | 325 | 14,90 |

Rivet setter set

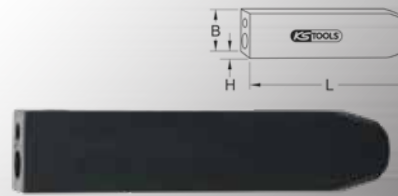
- According to DIN 7200 Form B
- Suitable for rivets according to DIN 660 / 661 / 662 / 674
- Strong forged form
- Pipe polished ground
- For punching holes and production of washers and gasket rings
- Interior conical for removing the blank head
- Shaft machined
- Red lacquer
- Cutting edge hardened
- Special tool steel
- In plastic support bracket



| | | g | € |
|----------|----------------------------|-----|-------|
| 129.2420 | 5 pcs 2 - 3 - 4 - 5 - 6 mm | 520 | 38,50 |

Rivet setter and rivet header, combined

- 8-point
- Premium tempered and hardened steel
- Lacquered
- Chrome vanadium

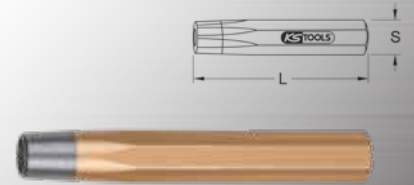


| | Ø rivet mm | L mm | B mm | H mm | g | € |
|----------|------------|-------|------|------|-----|-------|
| 129.2210 | 2,0 | 100,0 | 16,0 | 10,0 | 115 | 21,50 |
| 129.2211 | 3,0 | 100,0 | 16,0 | 10,0 | 115 | 21,50 |
| 129.2212 | 4,0 | 100,0 | 20,0 | 10,0 | 145 | 21,50 |
| 129.2213 | 5,0 | 110,0 | 25,0 | 12,0 | 215 | 22,50 |
| 129.2214 | 6,0 | 120,0 | 25,0 | 15,0 | 310 | 22,50 |
| 129.2215 | 7,0 | 120,0 | 30,0 | 15,0 | 330 | 29,90 |
| 129.2216 | 8,0 | 140,0 | 40,0 | 20,0 | 680 | 29,90 |
| 129.2217 | 9,0 | 160,0 | 40,0 | 25,0 | 950 | 39,50 |
| 129.2218 | 10,0 | 160,0 | 40,0 | 25,0 | 940 | 39,50 |

RIVET SETS

Rivet head setter

- Working ends polished ground and clear lacquered
- Suitable for rivets according to DIN 660
- Chrome vanadium



| | Ø rivet mm | L mm | S mm | g | € |
|----------|------------|-------|------|-----|-------|
| 129.2199 | 2,0 | 100,0 | 10,0 | 60 | 6,50 |
| 129.2200 | 3,0 | 100,0 | 10,0 | 60 | 6,50 |
| 129.2201 | 4,0 | 100,0 | 12,0 | 90 | 7,50 |
| 129.2202 | 5,0 | 110,0 | 14,0 | 135 | 8,50 |
| 129.2203 | 6,0 | 110,0 | 16,0 | 175 | 9,90 |
| 129.2204 | 7,0 | 120,0 | 18,0 | 240 | 10,90 |
| 129.2205 | 8,0 | 120,0 | 20,0 | 305 | 12,90 |
| 129.2206 | 9,0 | 130,0 | 22,0 | 400 | 16,50 |
| 129.2207 | 10,0 | 130,0 | 24,0 | 480 | 16,50 |

Rivet head setter set

- Working ends polished ground and clear lacquered
- Suitable for rivets according to DIN 660
- Chrome vanadium
- In plastic support bracket



| | | g | € |
|----------|----------------------------|-----|-------|
| 129.2209 | 5 pcs 2 - 3 - 4 - 5 - 6 mm | 520 | 40,90 |

FLATTENERS

Tapware assembly and dismantling set

- 8-point
- Quenched and tempered
- Special tool steel

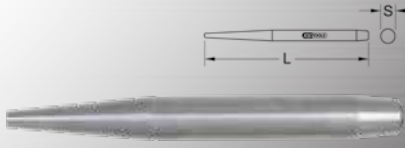


| | L mm | S mm | g | € |
|----------|-------|------|-----|-------|
| 156.0770 | 170,0 | 16,0 | 510 | 24,90 |

TAPER PUNCHES

Punch drawbore pin

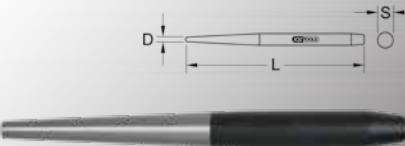
- Hardened through the whole length
- Cone polished
- Carbon manganese silicon steel



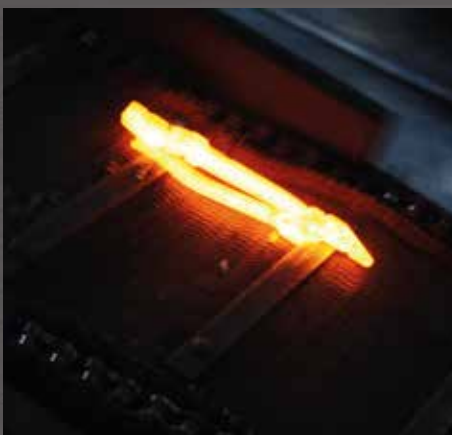
| | L mm | S mm | Weight | € |
|----------|-------|------|--------|-------|
| 129.2161 | 110,0 | 11,0 | 0,07 | 7,50 |
| 129.2162 | 120,0 | 13,0 | 0,11 | 9,90 |
| 129.2163 | 150,0 | 15,0 | 0,19 | 11,90 |
| 129.2164 | 170,0 | 17,0 | 0,27 | 12,90 |
| 129.2165 | 170,0 | 19,0 | 0,34 | 14,90 |
| 129.2166 | 190,0 | 21,0 | 0,45 | 18,50 |
| 129.2167 | 200,0 | 23,0 | 0,47 | 21,50 |
| 129.2168 | 200,0 | 25,0 | 0,68 | 24,90 |
| 129.2169 | 210,0 | 27,0 | 0,84 | 24,90 |
| 129.2170 | 210,0 | 28,0 | 0,91 | 29,90 |
| 129.2171 | 230,0 | 29,0 | 1,06 | 31,50 |
| 129.2172 | 230,0 | 31,0 | 1,21 | 34,50 |
| 129.2173 | 250,0 | 33,0 | 1,52 | 36,50 |
| 129.2174 | 280,0 | 34,0 | 1,80 | 37,50 |
| 129.2175 | 280,0 | 36,0 | 2,02 | 40,90 |
| 129.2176 | 280,0 | 37,0 | 2,14 | 44,90 |

Assembly drawbore pin

- Hardened through the whole length
- Cone polished
- Carbon manganese silicon steel

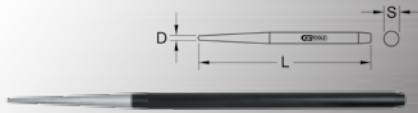


| | L mm | D mm | S mm | Weight | € |
|----------|-------|------|------|--------|-------|
| 129.2177 | 120,0 | 5,0 | 11,0 | 75 | 8,50 |
| 129.2178 | 120,0 | 5,0 | 13,0 | 90 | 9,90 |
| 129.2179 | 150,0 | 6,0 | 15,0 | 165 | 11,90 |
| 129.2180 | 170,0 | 7,0 | 17,0 | 240 | 13,90 |
| 129.2181 | 170,0 | 7,0 | 19,0 | 300 | 14,90 |
| 129.2182 | 190,0 | 8,0 | 21,0 | 410 | 16,50 |
| 129.2183 | 190,0 | 9,0 | 23,0 | 485 | 21,50 |
| 129.2184 | 200,0 | 10,0 | 25,0 | 585 | 24,90 |
| 129.2185 | 210,0 | 12,0 | 28,0 | 805 | 24,90 |
| 129.2186 | 230,0 | 12,0 | 31,0 | 1050 | 29,90 |
| 129.2187 | 250,0 | 13,0 | 34,0 | 1345 | 34,50 |
| 129.2188 | 270,0 | 14,0 | 37,0 | 1720 | 38,50 |



Assembly punch

- Hardened through the whole length
- Cone polished
- Chrome vanadium

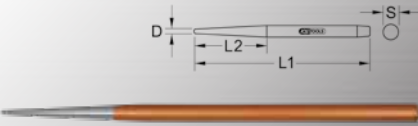


| | L mm | D mm | S mm | Weight | € |
|----------|-------|------|------|--------|-------|
| 129.2189 | 180,0 | 5,0 | 12,0 | 110 | 18,50 |
| 129.2190 | 200,0 | 6,0 | 13,0 | 150 | 19,50 |
| 129.2191 | 200,0 | 8,0 | 16,0 | 220 | 23,50 |
| 129.2192 | 200,0 | 9,0 | 20,0 | 340 | 29,90 |
| 129.2193 | 230,0 | 10,0 | 22,0 | 460 | 35,50 |
| 129.2194 | 250,0 | 11,0 | 24,0 | 620 | 39,50 |
| 129.2195 | 280,0 | 12,0 | 27,0 | 870 | 43,90 |
| 129.2196 | 315,0 | 14,0 | 30,0 | 1260 | 51,50 |
| 129.2197 | 340,0 | 15,0 | 32,0 | 1570 | 73,90 |
| 129.2198 | 380,0 | 16,0 | 36,0 | 2230 | 90,90 |

BENDING IRONS AND PRY BARS

Pry bar

- Round
- Quenched and tempered
- Forged
- Cone polished
- Special tool steel



| | D mm | L1 mm | L2 mm | S mm | Weight | € |
|----------|------|-------|-------|------|--------|-------|
| 129.2220 | 5,5 | 500,0 | 170,0 | 20,0 | 970 | 56,90 |

Bending iron/pry bar

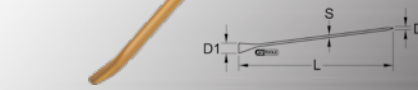
- 4 point
- Quenched and tempered
- Forged
- Cone polished
- Special tool steel



| | D1 mm | D2 mm | L mm | S mm | Weight | € |
|----------|-------|-------|-------|------|--------|-------|
| 129.2221 | 14,0 | 1,0 | 400,0 | 14,0 | 500 | 47,50 |

Bending iron/pry bar

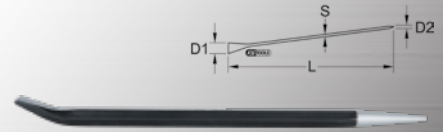
- Round
- Quenched and tempered
- Forged
- Special tool steel



| | D1 mm | D2 mm | L mm | S mm | Weight | € |
|----------|-------|-------|-------|------|--------|-------|
| 129.2219 | 22,0 | 5,0 | 605,0 | 19,0 | 1,30 | 43,90 |

Bending iron/pry bar

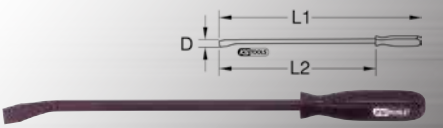
- 6 point
- Quenched and tempered
- Forged
- Cone polished
- Special tool steel



| | D1 mm | D2 mm | L mm | S mm | Weight | € |
|----------|-------|-------|-------|------|--------|-------|
| 129.2222 | 22,0 | 5,0 | 405,0 | 16,0 | 650 | 52,50 |

Pry bar

- Best suited for and breakdown and installation work
- For pressure testing securely-fitted parts
- Ergonomic single component handle
- Hardened through the whole length
- Chrome molybdenum



| | D mm | L1 mm | L2 mm | Weight | € |
|----------|------|-------|-------|--------|------|
| 911.8101 | 11,0 | 200,0 | 105,0 | 76 | 3,50 |
| 911.8102 | 16,0 | 300,0 | 195,0 | 200 | 4,50 |
| 911.8103 | 20,0 | 450,0 | 315,0 | 397 | 6,50 |
| 911.8104 | 20,0 | 600,0 | 465,0 | 507 | 9,90 |

Pry bar sets

- Best suited for and breakdown and installation work
- For pressure testing securely-fitted parts
- Ergonomic single component handle
- Hardened through the whole length
- Chrome molybdenum



| | Weight | € | | |
|----------|--------|---|------|-------|
| 911.8100 | 4 pcs | 11 x 200 mm - 16 x 300 mm - 20 x 450 mm - 20 x 600 mm | 1,33 | 19,90 |





Flexible roll head pry bar

- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



| | Length mm | Assembly levels | | € |
|----------|--------------|--------------------|-----|-------|
| 911.8176 | 250,0 | 5 | 385 | 36,50 |
| 911.8177 | 300,0 | 5 | 455 | 41,90 |
| 911.8178 | 400,0 | 5 | 565 | 55,90 |

Flexible roll head pry bar set

- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



| | | | € |
|----------|--------------------------------------|------|--------|
| 911.8175 | 3 pcs Flexible roll head pry bar set | 1,50 | 116,90 |

consists of:

| | | | € |
|----------|------------------------------------|-----|---|
| 911.8176 | Flexible roll head pry bar, 250 mm | 385 | |
| 911.8177 | Flexible roll head pry bar, 300 mm | 455 | |
| 911.8178 | Flexible roll head pry bar, 400 mm | 565 | |

Pry bar

- Angular lever end guarantees non slip surface
- Ideally suited for and breakdown and installation work
- Go through blade and hammer cap
- Suitable for the testing of defective bearings
- Two component handle
- Special tool steel
- In durable plastic storage case



| | Bend radius | Length mm | | € |
|----------|-------------|--------------|------|-------|
| 911.8411 | 0° | 900,0 | 1,70 | 60,90 |
| 911.8412 | 45° | 900,0 | 1,75 | 60,90 |
| 911.8413 | 75° | 600,0 | 1,17 | 60,90 |
| 911.8414 | 90° | 600,0 | 1,20 | 60,90 |

Pry bar

- Angular lever end guarantees non slip surface
- Ideally suited for and breakdown and installation work
- Go through blade and hammer cap
- Suitable for the testing of defective bearings
- Two component handle
- Special tool steel
- In durable plastic storage case



| | Bend radius | Length mm | | € |
|----------|-------------|--------------|------|--------|
| 911.8415 | 45° | 1150,0 | 4,75 | 291,50 |

Pry bar sets

- Angular lever end guarantees non slip surface
- Ideally suited for and breakdown and installation work
- Go through blade and hammer cap
- Suitable for the testing of defective bearings
- Two component handle
- Special tool steel
- In durable plastic storage case



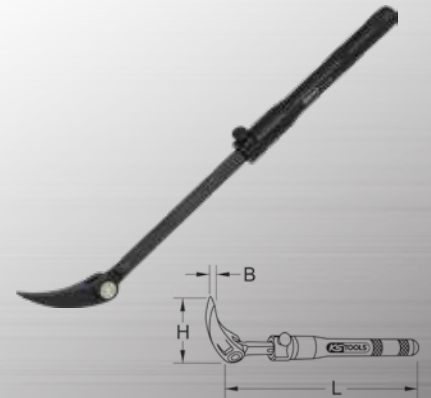
| | | | € |
|----------|--------------------|------|--------|
| 911.8410 | 4 pcs Pry bar sets | 8,70 | 179,90 |

consists of:

| | | | € |
|----------|----------------------|------|---|
| 911.8411 | Pry bar, 0°, 900mm | 1,70 | |
| 911.8412 | Pry bar, 45°, 900mm | 1,75 | |
| 911.8413 | Pry bar, 75°, 600mm | 1,17 | |
| 911.8414 | Pry bar, 90°, 600mm | 1,20 | |
| 911.8415 | Pry bar, 45°, 1150mm | 4,75 | |

Telescopic flexible roll head pry bar

- Lever extension with push-button in steps
- Roller head adjustable in steps
- Extra narrow, with recessed push button
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



| | L mm | H mm | B mm | | € |
|----------|----------|---------|---------|------|--------|
| 911.8186 | 325-460 | 90,0 | 12,0 | 780 | 69,50 |
| 911.8187 | 600-915 | 120,0 | 20,0 | 1900 | 89,90 |
| 911.8188 | 865-1350 | 145,0 | 24,0 | 4260 | 201,50 |



156.0180

Pin punch set

- 8-point
- Quenched and tempered
- Mirror polished
- Highly polished
- In metal stand with the possibility of wall hanging



5 x Punches, conical:
2 - 3 - 4 - 5 - 6 mm

6 x Punches, cylindrical:
2 - 3 - 4 - 5 - 6 - 8 mm

6 x Punches, extra long:
3 - 4 - 5 - 6 - 8 - 10 mm

71,90 €

17
pcs

162.0370

Pin punch set

- Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Chrome molybdenum
- In metal storage box



150x10x3 -
150x10x4 -
150x10x5 -
150x10x6 -
150x12x8 -
150x12x10mm

34,50 €

6
pcs

911.8175

Flexible roll head pry bar

- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



116,90 €

3
pcs

Your Local Distributor:

PREMIUM-WERKZEUGE



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