

## Tube tools, other tools

### 10757 Four-sided bradawl

- for punching and preparing leather, plastics and other soft materials and for marking holes in wood
- to prevent wood screws slipping off the mark



| Code            | Blade mm | L mm | △△ g | 📦 |
|-----------------|----------|------|------|---|
| <b>77593000</b> | 6 x 100  | 215  | 137  | 1 |

### 10758 Round-shank bradawl

- for punching and preparing leather, plastics and other soft materials and for marking holes in wood
- to prevent wood screws slipping off the mark



| Code            | Blade mm | L mm | △△ g | 📦 |
|-----------------|----------|------|------|---|
| <b>77592000</b> | 6 x 100  | 215  | 82   | 1 |

### 10669 Fine scraper

- three-sided hollow-profile scraper with black plastic protective cap
- black plastic handle



| Code            | Blade mm | L mm | △△ g | 📦 |
|-----------------|----------|------|------|---|
| <b>72060100</b> | 25 x 8   | 147  | 28   | 5 |

### 10670 Three square engineers scrapers

- special steel



| Code            | L mm       | △△ g | 📦 |
|-----------------|------------|------|---|
| <b>72063101</b> | <b>210</b> | 106  | 5 |
| <b>72063103</b> | <b>260</b> | 124  | 5 |
| <b>72063104</b> | <b>285</b> | 140  | 5 |
| <b>72063105</b> | <b>310</b> | 152  | 5 |

### 10672 Flat engineers scrapers

- special steel



| Code            | Dimensions mm   | △△ g | 📦 |
|-----------------|-----------------|------|---|
| <b>72053104</b> | <b>20 x 315</b> | 227  | 5 |
| <b>72053105</b> | <b>25 x 365</b> | 367  | 5 |

### 10676 Three square engineers bearing scraper

- special steel



| Code            | Dimensions mm | △△ g | 📦 |
|-----------------|---------------|------|---|
| <b>72083103</b> | 85 x 12 x 315 | 160  | 5 |

### 12025 Engineers file, round

- DIN 8349
- cut 2



| Code            | L mm | △△ g | 📦 |
|-----------------|------|------|---|
| <b>72123100</b> | 210  | 118  | 5 |

### 12030 Engineers file, half round

- DIN 8349
- cut 2



| Code            | L mm | △△ g | 📦 |
|-----------------|------|------|---|
| <b>72133100</b> | 260  | 339  | 5 |

### 12035 Engineers file, three-square

- DIN 8349
- cut 2



| Code            | L mm | △△ g | 📦 |
|-----------------|------|------|---|
| <b>72143100</b> | 210  | 201  | 5 |

### 12036 Engineers file, hand

- DIN 8349
- cut 2



| Code            | L mm | △△ g | 📦 |
|-----------------|------|------|---|
| <b>72173102</b> | 260  | 305  | 5 |

### 12800 Set warding files

Content 6 pieces:

- 1 file each, hand, flat, half round, three square, square, round
- DIN 7283
- in textile bag



| Code            | L mm | △△ g | 📦 |
|-----------------|------|------|---|
| <b>72230001</b> | 100  | 165  | 5 |

### 13100 Set of needle files

Content 6 pieces:

- 1 file each, round, half round, three square, square, hand, flat
- in textile bag



| Code            | L mm | △△ g | 📦 |
|-----------------|------|------|---|
| <b>96722801</b> | 140  | 50   | 1 |