

**Three square file, Smooth (cut 3), Length without tang: 150mm****Order data**

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|--------------|---------------|
| Order number | 511300 150 |
| GTIN | 4009215017205 |
| Item class | 56B |

Description**Version:**

The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These **non-convex files** have tooth profiles appropriate to each grade of file.

Cuts on all faces; convex end.

Application:

The **quality file** for workshop use with long tool life and high removal rate.

Standard:

DIN 7261 Form C

Technical description

| | |
|------------------------|-------------------------------|
| Width | 12 mm |
| Length without tang | 150 mm |
| Product name attribute | Smooth (cut 3) |
| Cut | 3 |
| Type of cut | Finishing |
| Shape | C |
| Shape description | three-square, taper plain end |
| File surfaces | 3 |
| incl. file handle | no |
| Standard | DIN 7261 |
| Type of product | Engineer's file |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Alu Mg | suitable only under restricted conditions | | |
| Steel < 900 N/mm ² | suitable | | |
| Steel < 1400 N/mm ² | suitable | | |
| Steel < 55 HRC | suitable | | |
| Steel < 60 HRC | suitable only under restricted conditions | | |
| INOX | suitable only under restricted conditions | | |
| GG(G) | suitable | | |
| CuZn | suitable | | |
| Plastic, GRP | suitable | | |
| Wood | suitable | | |

Accessories

| | |
|---|---------------|
| Plastic file handle Overall length 110 mm | 519550 110 |
| File brush Bristle length L3× width L1 80X20 mm | 576000 80X20 |
| 2-component ergonomic file handle Overall length 110 mm | 519600 110 |
| Plastic file handle Overall length 100 mm | 519510 100 |
| File brush Bristle length L3× width L1 115X40 mm | 576000 115X40 |
| File brush Bristle length L3× width L1 100X25 mm | 576000 100X25 |
| Plastic file handle Overall length 90 mm | 519510 90 |
| Hardwood file handle Overall length 120 mm | 519400 120 |