



## Round file, Smooth (cut 3), Length without tang: 150mm



### Order data

Order number	514300 150
GTIN	4009215017878
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.

#### With helical cut; convex end.

#### Application:

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

#### Standard:

**DIN 7261 Form F**

### Technical description

Diameter	6.3 mm
Length without tang	150 mm
Product name attribute	Smooth (cut 3)
Cut	3
Type of cut	Finishing
Shape	F
Shape description	round
File surfaces	cuts on all faces
incl. file handle	no
Standard	DIN 7261
Type of product	Engineer's file

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu Mg	suitable only under restricted conditions		
Steel < 900 N/mm <sup>2</sup>	suitable		
Steel < 1400 N/mm <sup>2</sup>	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

File brush Bristle length L3× width L1 115X40 mm	576000 115X40
File brush Bristle length L3× width L1 80X20 mm	576000 80X20
File brush Bristle length L3× width L1 100X25 mm	576000 100X25