

**Round file, Cut 3, Length without tang: 150 mm****Order data**

Order number	514220 150
GTIN	4045197889188
Item class	52A

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**

Standard: DIN 7261

Diameter: 5.5 mm

Technical description

Diameter	5.5 mm
Length without tang	150 mm
Product name attribute	Cut 3
Cut	3
Shape	F
Shape description	round
File surfaces	cuts on all faces
incl. file handle	no
Standard	DIN 7261

Type of product

Engineer's file

Accessories

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