

**Half round file, Cut 2, Length without tang: 250mm****Order data**

Order number	513210 250
GTIN	4045197571670
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 E

Technical description

Length without tang	250 mm
Cross section	23×6 mm
Product name attribute	Cut 2
Shape	E
Shape description	half round
File surfaces	cuts on all faces
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

File brush Bristle length L3× width L1 80X20 mm	576000 80X20
2-component ergonomic file handle Overall length 120 mm	519600 120
File brush Bristle length L3× width L1 115X40 mm	576000 115X40
Plastic file handle Overall length 125 mm	519510 125
Plastic file handle Overall length 120 mm	519550 120
2-component ergonomic file handle Overall length 110 mm	519600 110
Hardwood file handle Overall length 140 mm	519400 140
Plastic file handle Overall length 110 mm	519510 110
File brush Bristle length L3× width L1 100X25 mm	576000 100X25
Plastic file handle Overall length 110 mm	519550 110