

**Diamond needle file set, 5 pieces, 140 mm, Grit: D91µm****Order data**

Order number	529300 D91
GTIN	4007220017371
Item class	53B

Description**Version:**

The blanks for these needle files are forged and ground from special steel. The diamond needle files are evenly spread with diamond powder of uniform grit and electro-bonded in place. The even diamond coating and the hardness of the diamond ensure best filing results. **Overall file length = 140 mm**; diamond coated length = 70 mm; shank $\varnothing = 3$ mm.

Application:

For precision finishing of cutting, stamping and press tools made of **hardened steel** or **carbide**. Also for working **glass, ceramic** etc. Use **light pressure** for filing, particularly at edges. Heavier pressure does not increase the removal rate but damages the file. Fine grit

Supplied with:

In a plastic box.

5 pieces, 1 each file of shape 1; 3; 4; 5; 6.

Optional extras:

A **quick-release handle** for these files can be found under No. 519700.

Technical description

Overall length	140 mm
Grinding media	Diamond
Grinding medium code	D
Number of individual files	5
Packaging	Plastic case

Type of product

Needle file

User data

	Suitability	V _c	ISO code
Steel < 1400 N/mm ²	suitable		
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable		
Steel < 67 HRC	suitable		
Carbide (HM)	suitable		
INOX	suitable		
Ti	suitable		
GG(G)	suitable		
Plastic, GRP	suitable		
Stone	suitable only under restricted conditions		

Accessories

Quick-release handle for needle files Type 2	519700 2
Diamond needle file, 140 mm Grit D91 (fine) Type 1	529210 1
Diamond needle file, 140 mm Grit D91 (fine) Type 3	529210 3
Diamond needle file, 140 mm Grit D91 (fine) Type 6	529210 6
Diamond needle file, 140 mm Grit D91 (fine) Type 4	529210 4
Quick-release handle for needle files Type 3	519700 3
Diamond needle file, 140 mm Grit D91 (fine) Type 5	529210 5