PFERD

Diamond needle file set, 11 pieces, 140 mm, Grit: D181µm
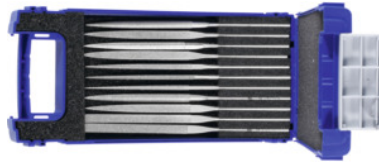
Order data

Order number	529350 D181
GTIN	4007220017425
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 Ø = 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. Coarse grit
Supplied with:
In a plastic box.
11 pieces, 1 file each of shape 1-11 (all shapes), additionally 1 flat file with round edges.
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	11
Packaging	Plastic case

Type of product	Needle file

User data

	Suitability	V_c	**ISO code**
Steel < 1400 N/mm²	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

Diamond needle file, 140 mmGrit D181 (coarse) Type 4	529230 4
Quick-release handlefor needle files Type 3	519700 3
Diamond needle file, 140 mmGrit D181 (coarse) Type 3	529230 3
Quick-release handlefor needle files Type 2	519700 2
Diamond needle file, 140 mmGrit D181 (coarse) Type 6	529230 6
Diamond needle file, 140 mmGrit D181 (coarse) Type 8	529230 8
Diamond needle file, 140 mmGrit D181 (coarse) Type 1	529230 1