



Diamond needle file, 140 mm Grit D91 (fine), Type: 3



Order data

| | |
|--------------|---------------|
| Order number | 529210 3 |
| GTIN | 4007220016817 |
| 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.

Grit:

Fine grit **D 91**

Optional extras:

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

Technical description

| | |
|----------------------------|-------------|
| Cross-section with coating | 5.5x1.6 mm |
| Shape description | half round |
| Coating length | 70 mm |
| Grinding media | Diamond |
| Grinding medium code | D |
| Grit | D91 |
| incl. file handle | no |
| 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 3 | 519700 3 |
| Quick-release handle for needle files Type 2 | 519700 2 |