


**VALTITAN precision needle file Overall length 180 mm, SC 0 / GC 1, Type: 10**

**Order data**

|              |              |
|--------------|--------------|
| Order number | 527550 10    |
| GTIN         | 613548045718 |
| Item class   | 53B          |

**Description**
**Version:**

**High performance needle files** with extremely high wear resistance. Surface hardness **1200 HV**. The special tooth profile prevents files clogging, files can be easily cleaned by gentle tapping (on wood).

**Standard:**

**SH = Schweizer Hieb; DH = Deutscher Hieb.**

Shape description: barrette

**Technical description**

|                          |                       |
|--------------------------|-----------------------|
| Overall length           | 180 mm                |
| Cross section            | 5.4x2.0 mm            |
| File surfaces            | 1                     |
| Shape description        | barrette              |
| Swiss cut                | 0                     |
| equivalent to German cut | 1                     |
| Product name attribute   | SC 0 / GC 1           |
| incl. file handle        | no                    |
| Type of product          | Precision needle file |

**User data**

|                                | <b>Suitability</b> | <b>V<sub>c</sub></b> | <b>ISO code</b> |
|--------------------------------|--------------------|----------------------|-----------------|
| Alu Mg                         | suitable           |                      |                 |
| Steel < 900 N/mm <sup>2</sup>  | suitable           |                      |                 |
| Steel < 1400 N/mm <sup>2</sup> | suitable           |                      |                 |
| Steel < 55 HRC                 | suitable           |                      |                 |
| Steel < 60 HRC                 | suitable           |                      |                 |
| Steel < 67 HRC                 | suitable           |                      |                 |
| INOX                           | suitable           |                      |                 |
| Ti                             | suitable           |                      |                 |
| GG(G)                          | suitable           |                      |                 |
| CuZn                           | suitable           |                      |                 |
| Plastic, GRP                   | suitable           |                      |                 |
| Wood                           | suitable           |                      |                 |
| Uni                            | suitable           |                      |                 |

## Accessories

|  |          |
|--|----------|
| Quick-release handle for needle files Type 2 | 519700 2 |
| Quick-release handle for needle files Type 3 | 519700 3 |