



## VALTITAN precision needle file Set 6 pieces, Overall length mm / Swiss cut: 180/2



### Order data

Order number	527660 180/2
GTIN	613548045794
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.**

#### Supplied with:

In a plastic wallet. 1 each file form flat plain, half-round, round, square, 3-square and barette.

### Technical description

Swiss cut	2
Overall length	180 mm
Type of product	Precision needle file

### User data

	Suitability	V <sub>c</sub>	ISO code
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

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## Accessories

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