



## VALTITAN precision needle file Overall length 180 mm, SC 0 / GC 1, Type: 3



### Order data

Order number	527550 3
GTIN	613548045565
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: half round

### Technical description

File surfaces	2
Overall length	180 mm
Cross section	5.9×2.0 mm
Shape description	half round
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		

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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