

## Garant

### GARANT Master Titan solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 6 mm



#### Order data

Order number	202287 6
GTIN	4062406270971
Item class	11Z

#### Description

##### Version:

**Extra short cutter** for maximum stability. **Shank length to DIN** for improved support of the tool in the holder. This significantly increases the tool life.

**Save the regrinding costs:** It is cheaper to use a carbide mini slot drill to the limit of wear and throw it away, than to regrind it.

Attractively priced and extra stable version for **high-power machining of titanium.**

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 40 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length  $L_c$ : 10 mm

Overall length L: 50 mm

Shank Ø  $D_s$ : 6 mm

Corner rounding  $r_v$ : 0.04 mm

Feed  $f_z$  for side milling in titanium > 850 N/mm<sup>2</sup>: 0.03 mm

#### Technical description

Cutting edge Ø $D_c$	6 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal Ø	e8
No. of teeth Z	3

Shank $\varnothing D_s$	6 mm
Feed $f_z$ for side milling in titanium $> 850 \text{ N/mm}^2$	0.03 mm
Overall length L	50 mm
Shank	DIN 6535 HA to h6
Flute length $L_c$	10 mm
Helix angle	40 degrees
Corner rounding $r_v$	0.04 mm
Series	GARANT Master Titan
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	pink
Type of product	End mill