

**Garant**
**GARANT Master Titan solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 10 mm**

**Order data**

Order number	202287 10
GTIN	4062406270995
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: 4

Helix angle: 40 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length  $L_c$ : 16 mm

Overall length L: 66 mm

Shank Ø  $D_s$ : 10 mm

Corner rounding  $r_v$ : 0.05 mm

Feed  $f_z$  for side milling in titanium > 850 N/mm<sup>2</sup>: 0.04 mm

**Technical description**

Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Feed $f_z$ for side milling in titanium > 850 N/mm <sup>2</sup>	0.04 mm

Helix angle	40 degrees
Flute length $L_c$	16 mm
Shank $\varnothing D_s$	10 mm
No. of teeth Z	4
Tolerance nominal $\varnothing$	e8
Overall length L	66 mm
Cutting edge $\varnothing D_c$	10 mm
Corner rounding $r_v$	0.05 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