

Garant

GARANT Master Titan solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 1 mm



Order data

Order number	202287 1
GTIN	4062406270919
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: 2

Helix angle: 40 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 2 mm

Overall length L: 44 mm

Shank Ø D_s : 4 mm

Corner rounding r_v : 0.02 mm

Feed f_z for side milling in titanium > 850 N/mm²: 0.005 mm

Technical description

Helix angle	40 degrees
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in titanium > 850 N/mm ²	0.005 mm

Flute length L_c	2 mm
Cutting edge $\varnothing D_c$	1 mm
No. of teeth Z	2
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Overall length L	44 mm
Shank $\varnothing D_s$	4 mm
Corner rounding r_v	0.02 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