

Garant
GARANT Master Titan solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 0,2mm

Order data

Order number	202287 0,2
GTIN	4062406270896
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 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 0.6 mm

Overall length L: 44 mm

Shank Ø D_s : 4 mm

Feed f_z for side milling in titanium > 850 N/mm²: 0.002 mm

Technical description

Cutting edge Ø D_c	0.2 mm
Helix angle	40 °
Flute length L_c	0.6 mm
No. of teeth Z	2

Feed f_z for side milling in titanium $> 850 \text{ N/mm}^2$	0.002 mm
Shank $\varnothing D_s$	4 mm
Overall length L	44 mm
Tolerance nominal \varnothing	e8
Shank	DIN 6535 HA to h6
Direction of infeed	horizontal, oblique and vertical
Corner chamfer angle	90 °
Series	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 / face mill

User data

	Suitability	V_c	ISO code
Ti $> 850 \text{ N/mm}^2$	suitable	60 m/min	S
wet maximum	suitable		