

Garant

GARANT Master Titan solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 12 mm



Order data

Order number	202287 12
GTIN	4062406271008
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: 73 mm

Shank Ø D_s : 12 mm

Corner rounding r_v : 0.05 mm

Feed f_z for side milling in titanium > 850 N/mm²: 0.05 mm

Technical description

Helix angle	40 degrees
Flute length L_c	16 mm
No. of teeth Z	4
Shank	DIN 6535 HA to h6

Feed f_z for side milling in titanium $> 850 \text{ N/mm}^2$	0.05 mm
Overall length L	73 mm
Shank $\varnothing D_s$	12 mm
Tolerance nominal \varnothing	e8
Cutting edge $\varnothing D_c$	12 mm
Direction of infeed	horizontal, oblique and vertical
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