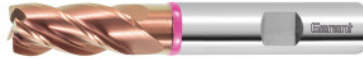


Garant

GARANT Master Ni-Based solid carbide milling cutter HPC / TPC, TiAlN, Ø DC: 5 mm



Order data

Order number	203048 5
GTIN	4062406565503
Item class	11Z

Description

Version:

Specially ground with **corner radii similar to torus cutters**.

Innovative substrate specially for machining **nickel-based alloys**. Newly developed coating.

Application:

For milling **nickel-based alloys with high red hardness**.

Note:

Successor product to No. 203028.

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 35 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 13 mm

Overhang length L_1 incl. recess: 19 mm

Recess Ø D_1 : 4.8 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

No. of teeth Z	4
Corner rounding r_v	0.1 mm
Helix angle	35 degrees

Recess $\varnothing D_1$	4.8 mm
Tolerance nominal \varnothing	e8
Flute length L_c	13 mm
Overall length L	57 mm
Feed f_z for side milling in Inconel®	0.04 mm
Overhang length L_1 incl. recess	19 mm
Cutting edge $\varnothing D_c$	5 mm
Shank $\varnothing D_s$	6 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Series	GARANT Master Titan
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0,08×D
Through-coolant	no
Machining strategy	TPC
Machining strategy	HPC
Colour ring	pink
Type of product	End mill

Services

Shank grinding Type HB

129100 HB