

Garant
GARANT Master Ni-Based solid carbide milling cutter HPC / TPC, TiAlN, Ø DC: 16 mm

Order data

Order number	203048 16
GTIN	4062406565756
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 : 36 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 92 mm

Shank Ø D_s : 16 mm

Technical description

Corner rounding r_v	0.3 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical

Feed f_z for side milling in Inconel®	0.08 mm
Flute length L_c	36 mm
Shank $\varnothing D_s$	16 mm
Recess $\varnothing D_1$	15.5 mm
Helix angle	35 degrees
Cutting edge $\varnothing D_c$	16 mm
Tolerance nominal $\varnothing$	e8
Overhang length L_1 incl. recess	42 mm
Overall length L	92 mm
No. of teeth Z	4
Series	GARANT Master Ni-Based
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
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