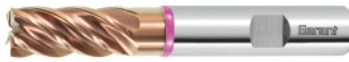


Garant

GARANT Master Ni-Based solid carbide milling cutter HPC/TPC, TiAlN, Ø e8 DC: 16mm



Order data

Order number	203161 16
GTIN	4062406565831
Item class	11Z

Description

Version:

Specially ground with **Torus-like corner radius**.

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. 203082.

Technical description

Balance quality with shank	G 2.5 with HB
No. of teeth Z	5
Shank	DIN 6535 HB to h6
Recess Ø D ₁	15.5 mm
Tolerance nominal Ø	e8
Cutting edge Ø D _c	16 mm
Corner rounding r _v	0.3 mm
Overall length L	92 mm
Shank Ø D _s	16 mm
Flute length L _c	36 mm

Helix angle	38 degrees
Overhang length L_1 incl. recess	42 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in Inconel®	0.08 mm
Series	Master Ni-based
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	$0,08 \times D$
Through-coolant	no
Machining strategy	HPC
Machining strategy	HPC
Colour ring	pink
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Inconel	suitable	40 m/min	S
wet maximum	suitable		