

Garant
Solid carbide torus cutter HPC DIN 6535 HB, TiAlN, Ø DC / RS1: 20/2,5 mm

Order data

Order number	206358 20/2,5
GTIN	4045197958631
Item class	11X

Description
Version:

Special coating for the best tool life and high metal removal rate.

With balancing speed G2.5.

For milling **Ni-based alloys**, with 35° helix angle.

No. of teeth Z: 4

Helix angle: 35 degrees

Shank: DIN 6535 HB to h6

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 4

Flute length L_c : 41 mm

Corner radius R_1 : 2.5 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Feed f_z for copy milling in Inconel®: 0.07 mm

Technical description

Shank	DIN 6535 HB to h6
Feed f_z for copy milling in Inconel®	0.07 mm
Balance quality with shank	G 2.5 with HB
No. of teeth Z	4
Helix angle	35 degrees
Shank Ø D_s	20 mm
Overall length L	104 mm

Flute length L_c	41 mm
Cutting edge $\varnothing D_c$	20 mm
Corner radius R_1	2.5 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Tolerance nominal \varnothing	f8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	$0.05 \times D$ for copy milling
Cutting width a_e for milling operation	$0.2 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	pink
Type of product	End mill