

Garant
Solid carbide torus cutter HPC DIN 6535 HB, TiAlN, Ø DC / RS1: 8/1,0 mm

Order data

Order number	206358 8/1,0
GTIN	4045197527745
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 : 21 mm

Corner radius R_1 : 1 mm

Overall length L: 63 mm

Shank Ø D_s : 8 mm

Feed f_z for copy milling in Inconel®: 0.026 mm

Technical description

Cutting edge Ø D_c	8 mm
No. of teeth Z	4
Corner radius R_1	1 mm
Feed f_z for copy milling in Inconel®	0.026 mm
Shank Ø D_s	8 mm
Flute length L_c	21 mm
Overall length L	63 mm

Balance quality with shank	G 2.5 with HB
Shank	DIN 6535 HB to h6
Helix angle	35 degrees
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×D for copy milling
Cutting width a_e for milling operation	0.2×D for side milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	pink
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
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