

Garant
Solid carbide torus cutter HPC, TiAlN, Ø f8 DC / RS1: 12/1,0 mm

Order data

Order number	206510 12/1,0
GTIN	4045197655660
Item class	11X

Description
Version:

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

For milling **Ni-based alloys**.

No. of teeth Z: 6

Helix angle: 50 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 6

Flute length L_c : 28 mm

Corner radius R_1 : 1 mm

Overall length L: 83 mm

Shank $\varnothing D_s$: 12 mm

Feed f_z for copy milling in Inconel®: 0.048 mm

Technical description

Corner radius R_1	1 mm
No. of teeth Z	6
Cutting edge $\varnothing D_c$	12 mm
Feed f_z for copy milling in Inconel®	0.048 mm
Shank $\varnothing D_s$	12 mm
Flute length L_c	28 mm
Overall length L	83 mm

Balance quality with shank	G 2.5 with HA
Shank	DIN 6535 HA to h6
Helix angle	50 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Tolerance nominal \varnothing	f8
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
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB