

**Garant**
**Solid carbide torus cutter HPC, TiAlN, Ø f8 DC / RS1: 16/1,0 mm**

**Order data**

Order number	206510 16/1,0
GTIN	4045197655677
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: 8

Helix angle: 50 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 8

Flute length  $L_c$ : 36 mm

Corner radius  $R_1$ : 1 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 16 mm

Feed  $f_z$  for copy milling in Inconel®: 0.058 mm

**Technical description**

Feed $f_z$ for copy milling in Inconel®	0.058 mm
Cutting edge Ø $D_c$	16 mm
Corner radius $R_1$	1 mm
No. of teeth Z	8
Shank Ø $D_s$	16 mm
Flute length $L_c$	36 mm
Overall length L	92 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 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB