

Garant
Solid carbide torus cutter HPC, TiAlN, Ø f8 DC / RS1: 10/1,0 mm

Order data

| | |
|--------------|---------------|
| Order number | 206510 10/1,0 |
| GTIN | 4045197655646 |
| 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 : 25 mm

Corner radius R_1 : 1 mm

Overall length L: 72 mm

Shank $\varnothing D_s$: 10 mm

Feed f_z for copy milling in Inconel®: 0.034 mm

Technical description

| | |
|---|----------|
| Corner radius R_1 | 1 mm |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Feed f_z for copy milling in Inconel® | 0.034 mm |
| No. of teeth Z | 6 |
| Shank $\varnothing D_s$ | 10 mm |
| Flute length L_c | 25 mm |
| Overall length L | 72 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 grinding Type HB | 129100 HB |