

Garant
Solid carbide milling cutter HPC / TPC, TiAlN, Ø DC: 12 mm

Order data

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|--------------|---------------|
| Order number | 203028 12 |
| GTIN | 4045197527677 |
| Item class | 11X |

Description
Version:

Specially ground with corner radii similar to torus cutters and **special coating.**

Tolerance nominal Ø: f8

No. of teeth Z: 4

Helix angle: 35 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 26 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Corner rounding r_v : 0.2 mm

Feed f_z for side milling in Inconel®: 0.065 mm

Technical description

| | |
|---|----------------------------------|
| No. of teeth Z | 4 |
| Feed f_z for side milling in Inconel® | 0.065 mm |
| Cutting edge Ø D_c | 12 mm |
| Shank Ø D_s | 12 mm |
| Overall length L | 83 mm |
| Flute length L_c | 26 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HB to h6 |

| | |
|---|-----------------|
| Tolerance nominal \varnothing | f8 |
| Helix angle | 35 degrees |
| Corner rounding r_v | 0.2 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | N |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| Cutting width a_e for milling operation | 0.08×D |
| Through-coolant | no |
| Machining strategy | HPC |
| Machining strategy | TPC |
| 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 |