

Garant

Solid carbide torus cutter, TiAlN, Ø e8 DC / R1: 5/0,5 mm



Order data

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|--------------|---------------|
| Order number | 206300 5/0,5 |
| GTIN | 4045197124272 |
| Item class | 11X |

Description

Version:

With **double relief ground side clearance angle**.

Tolerance: Corner radius $R_1 = \pm 0.005$ mm.

Application:

Especially for **high speed machining in mould and tool making for copy milling**. Excellent results when **milling dry**.

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 206335.

No. of teeth Z: 4

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L_c : 6 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 40 mm

Recess Ø D_1 : 4.6 mm

Overall length L: 75 mm

Technical description

| | |
|------------------------------------|--------|
| Recess Ø D_1 | 4.6 mm |
| Corner radius R_1 | 0.5 mm |
| Cutting edge Ø D_c | 5 mm |
| Overhang length L_1 incl. recess | 40 mm |

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|---|----------------------------------|
| Feed f_z for side milling in steel < 1100 N/mm ² | 0.013 mm |
| Feed f_z for copy milling in steel < 1100 N/mm ² | 0.014 mm |
| No. of teeth Z | 4 |
| Shank $\varnothing D_s$ | 5 mm |
| Flute length L_c | 6 mm |
| Overall length L | 75 mm |
| Shank | DIN 6535 HA to h6 |
| Helix angle | 30 degrees |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | H |
| Tolerance nominal \varnothing | e8 |
| 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 |
| Shank tolerance | h6 |
| Colour ring | without |
| Type of product | End mill |

Services

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|------------------------|-------------|
| Shank recess Type FRST | 209900 FRST |
|------------------------|-------------|