


Solid carbide torus cutter HPC DIN 6535 HB, TiSi, Ø DC / R1: 20/1,0 mm

Order data

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|--------------|---------------|
| Order number | 206353 20/1,0 |
| GTIN | 4045197540386 |
| Item class | 12X |

Description
Version:

Dimensions to factory standard and 35° spiral.

Special TiSi coating.

With balancing speed G 2.5.

Note:
NEW GENERATION AVAILABLE!

Recommended successor product is No. 206348

No. of teeth Z: 4

Helix angle: 35 degrees

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 41 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 52 mm

Recess Ø D_1 : 19.5 mm

Overall length L: 104 mm

Technical description

| | |
|--|---------|
| Feed f_z for copy milling in stainless steel > 900 N/mm ² | 0.13 mm |
| Cutting edge Ø D_c | 20 mm |
| Overhang length L_1 incl. recess | 52 mm |
| Feed f_z for side milling in INOX > 900 N/mm ² | 0.09 mm |
| Recess Ø D_1 | 19.5 mm |

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|--|----------------------------------|
| No. of teeth Z | 4 |
| Corner radius R ₁ | 1 mm |
| Shank Ø D _s | 20 mm |
| Flute length L _c | 41 mm |
| Overall length L | 104 mm |
| Shank | DIN 6535 HB to h6 |
| Helix angle | 35 degrees |
| Coating | TiSi |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Tolerance nominal Ø | f8 |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a _e for milling operation | 0.3×D for side milling |
| Cutting width a _e for milling operation | 0.05×D for copy milling |
| Through-coolant | no |
| Machining strategy | HPC |
| Shank tolerance | h6 |
| Colour ring | blue |
| Type of product | End mill |

Services

| | |
|---|-------------|
| Shank recess Type FRST | 209900 FRST |
| Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 20 mm | SZ2025 20 |