

Garant

Solid carbide milling cutter with internal coolant supply HPC, TiAlN, Ø d11 DC: 10 mm



Order data

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|--------------|---------------|
| Order number | 203016 10 |
| GTIN | 4045197551092 |
| Item class | 11X |

Description

Version:

With **internal coolant supply** for reliable swarf evacuation.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 202999.

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 4

Flute length L_c : 22 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 9.7 mm

Overall length L: 72 mm

Shank Ø D_s : 10 mm

Technical description

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| Corner chamfer width at 45° | 0.2 mm |
| Cutting edge Ø D_c | 10 mm |
| Overhang length L_1 incl. recess | 30 mm |
| Feed f_z for slot milling in stainless steel > 900 N/mm ² | 0.04 mm |
| Feed f_z for side milling in INOX > 900 N/mm ² | 0.045 mm |

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|---|----------------------------------|
| Recess $\varnothing D_1$ | 9.7 mm |
| No. of teeth Z | 4 |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 72 mm |
| Flute length L_c | 22 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HB to h6 |
| Tolerance nominal \varnothing | e8 |
| Balance quality with shank | G 2.5 with HB |
| Helix angle | 38 degrees |
| Corner chamfer angle | 45 degrees |
| 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 | 0.3×D for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| Through-coolant | yes |
| Machining strategy | HPC |
| Colour ring | blue |
| Type of product | End mill |

Services

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