

Garant

Solid carbide torus cutter, DLC, Ø h6 DC / R1: 16/2,0 mm



Order data

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|--------------|---------------|
| Order number | 206250 16/2,0 |
| GTIN | 4045197860552 |
| Item class | 11X |

Description

Version:

Dimensions to manufacturer's standard.

With the latest generation of **DLC coating sp²**.

Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.

Tolerances:

· Corner radius

R₁ = 0.5 tolerance ±0.02.

R₁ > 0.5 – 1.5 tolerance ±0.03.

R₁ > 1.5 tolerance ±0.05.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 206261.

No. of teeth Z: 3

Helix angle: 45 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c: 25 mm

Corner radius R₁: 2 mm

Overhang length L₁ incl. recess: 100 mm

Recess Ø D₁: 15 mm

Overall length L: 150 mm

Technical description

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|--|---------|
| No. of teeth Z | 3 |
| Feed f _z for side milling in short-chipping aluminium | 0.09 mm |

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|---|----------------------------------|
| Feed f_z for copy milling in short-chipping aluminium | 0.1 mm |
| Flute length L_c | 25 mm |
| Shank | DIN 6535 HA to h6 |
| Balance quality with shank | G 2.5 with HA |
| Overall length L | 150 mm |
| Overhang length L_1 incl. recess | 100 mm |
| Shank $\varnothing D_s$ | 16 mm |
| Corner radius R_1 | 2 mm |
| Cutting edge $\varnothing D_c$ | 16 mm |
| Recess $\varnothing D_1$ | 15 mm |
| Helix angle | 45 degrees |
| Coating | DLC |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Tolerance nominal \varnothing | h6 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | 0.3xD for side milling |
| Cutting width a_e for milling operation | 0.05xD for copy milling |
| Through-coolant | no |
| Shank tolerance | h6 |
| Colour ring | yellow |
| Type of product | End mill |

Services

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|---|-----------|
| Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 16 mm | SZ2025 16 |
| Shank grinding Type HB | 129100 HB |

