

Garant
Solid carbide torus cutter, DLC, Ø e8 DC / R1: 12/2,5 mm

Order data

| | |
|--------------|---------------|
| Order number | 206071 12/2,5 |
| GTIN | 4045197958549 |
| Item class | 11X |

Description
Version:

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

With **double relief ground side clearance angle and corner radius**.

High stability due to **strengthened core**.

Tolerance: **R₁ = ±0.01 mm**.

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c: 12 mm

Corner radius R₁: 2.5 mm

Overhang length L₁ incl. recess: 75 mm

Recess Ø D₁: 11 mm

Overall length L: 120 mm

Technical description

| | |
|------------------------------------------------------------------|------------|
| Feed f _z for copy milling in short-chipping aluminium | 0.079 mm |
| Helix angle | 30 degrees |
| Shank Ø D _s | 12 mm |
| Overall length L | 120 mm |
| Corner radius R ₁ | 2.5 mm |
| Flute length L _c | 12 mm |
| Overhang length L ₁ incl. recess | 75 mm |

| | |
|---------------------------------------------------------|----------------------------------|
| Shank | DIN 6535 HA to h6 |
| Recess $\varnothing D_1$ | 11 mm |
| No. of teeth Z | 2 |
| Cutting edge $\varnothing D_c$ | 12 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.07 mm |
| Coating | DLC |
| Tool material | solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Tolerance nominal \varnothing | e8 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | 0.1×D for side milling |
| Cutting width a_e for milling operation | 0.05×D for copy milling |
| Through-coolant | no |
| Colour ring | yellow |
| Type of product | End mill |

Services

| | |
|---------------------------------------------------------------------------------------------------|-----------|
| Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm | SZ2025 12 |
| Shank grinding Type HB | 129100 HB |