

Garant
Solid carbide ball nose roughing end mill, TiAlN, Ø d11 DC: 12 mm


Order data

| | |
|--------------|---------------|
| Order number | 207507 12 |
| GTIN | 4045197883049 |
| Item class | 11X |

Description

Version:

 Round **knuckle profile** for roughing, **including machining radii.**
Note:
Successor product to No. 207512

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

 Flute length L_c : 26 mm

Overall length L: 73 mm

 Shank $\varnothing D_s$: 12 mm

 Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$: 0.08 mm

 Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$: 0.09 mm

Technical description

| | |
|---|------------|
| Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$ | 0.09 mm |
| Cutting edge $\varnothing D_c$ | 12 mm |
| No. of teeth Z | 4 |
| Shank $\varnothing D_s$ | 12 mm |
| Overall length L | 73 mm |
| Flute length L_c | 26 mm |
| Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$ | 0.08 mm |
| Helix angle | 45 degrees |

| | |
|---|----------------------------------|
| Radius R | 6 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Milling profile | HR |
| Tolerance nominal \varnothing | d11 |
| 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 | 0.5×D for side milling |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | no |
| Colour ring | without |
| Type of product | End mill |

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm

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