

Garant
GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC: 16 mm

Order data

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|--------------|---------------|
| Order number | 207490 16 |
| GTIN | 4062406285401 |
| Item class | 11X |

Description
Version:
Precision ground for very high accuracy requirements.

Tolerance: Radius contour = ± 0.005 mm.

Improved cutting edge protection thanks to slight edge honing. Tremendous bending strength due to the use of ultra-fine grain substrate.

No. of teeth Z: 4

Helix angle: 30 degrees

No. of teeth Z: 4

Flute length L_c : 22 mm

Overhang length L_1 incl. recess: 44 mm

Recess $\varnothing D_1$: 15.5 mm

Overall length L: 92 mm

Shank $\varnothing D_s$: 16 mm

Technical description

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|--|---------|
| Shank $\varnothing D_s$ | 16 mm |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.1 mm |
| Recess $\varnothing D_1$ | 15.5 mm |
| No. of teeth Z | 4 |
| Feed f_z for copy milling in steel < 900 N/mm ² | 0.12 mm |
| Flute length L_c | 22 mm |
| Overhang length L_1 incl. recess | 44 mm |

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|---|----------------------------------|
| Helix angle | 30 degrees |
| Cutting edge $\varnothing D_c$ | 16 mm |
| Overall length L | 92 mm |
| Radius R | 8 mm |
| Series | GARANT Master Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Tolerance nominal \varnothing | f8 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | 0.03×D for copy milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End mill |