

Garant
**GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D
S: 4 mm**

Order data

| | |
|--------------|---------------|
| Order number | 207246 4 |
| GTIN | 4062406285258 |
| 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: 2

Helix angle: 28 degrees

No. of teeth Z: 2

Flute length L_c : 8 mm

Overall length L: 100 mm

Shank $\varnothing D_s$: 4 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.04 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.06 mm

Technical description

| | |
|--|------------|
| Shank $\varnothing D_s$ | 4 mm |
| Overall length L | 100 mm |
| Cutting edge $\varnothing D_c$ | 4 mm |
| Flute length L_c | 8 mm |
| Helix angle | 28 degrees |
| Feed f_z for copy milling in steel < 900 N/mm ² | 0.06 mm |
| No. of teeth Z | 2 |

| | |
|--|----------------------------------|
| Feed f_z for side milling in steel < 900 N/mm ² | 0.04 mm |
| Radius R | 2 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 | 0.5×D for side milling |
| Cutting width a_e for milling operation | 0.03×D for copy milling |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End mill |