

Garant
Diabolo solid carbide high precision ball nose slot drill HPC, TiAlN, Ø DC: 0,8 mm

Order data

| | |
|--------------|---------------|
| Order number | 207347 0,8 |
| GTIN | 4045197599940 |
| Item class | 11X |

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide for hard machining.

Solid carbide high precision ball nose slot drill with radius Ø and contour variations within the µm range.

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 0.8 mm

Overall length L: 38 mm

Shank Ø D_s : 3 mm

Feed f_z for side milling in steel < 65 HRC: 0.005 mm

Feed f_z for copy milling in steel < 65 HRC: 0.005 mm

Technical description

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|---|----------|
| No. of teeth Z | 2 |
| Feed f_z for side milling in steel < 65 HRC | 0.005 mm |
| Feed f_z for copy milling in steel < 65 HRC | 0.005 mm |
| Cutting edge Ø D_c | 0.8 mm |
| Shank Ø D_s | 3 mm |
| Overall length L | 38 mm |

| | |
|---|----------------------------------|
| Flute length L_c | 0.8 mm |
| Helix angle | 30 degrees |
| Radius R | 0.4 mm |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | H |
| Tolerance nominal \varnothing | -0.007 / 0.002 |
| 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 | 0.2×D for side milling |
| Shank | DIN 6535 HA to h5 |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | red |
| Type of product | End mill |