

Garant
Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC: 4 mm

Order data

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|--------------|---------------|
| Order number | 207372 4 |
| GTIN | 4045197600370 |
| Item class | 11X |

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide for hard machining.

Taper transition with 1.5° (angle α).

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 5 mm

Overhang length L_1 incl. recess: 16 mm

Recess $\varnothing D_1$: 3.8 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 6 mm

Technical description

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|---|----------|
| No. of teeth Z | 2 |
| Feed f_z for copy milling in steel < 65 HRC | 0.019 mm |
| Recess $\varnothing D_1$ | 3.8 mm |
| Overhang length L_1 incl. recess | 16 mm |
| $\varnothing D_2$ | 5.1 mm |
| Cutting edge $\varnothing D_c$ | 4 mm |
| L_2 | 40 mm |
| Shank $\varnothing D_s$ | 6 mm |

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|--|----------------------------------|
| Overall length L | 80 mm |
| Flute length L _c | 5 mm |
| Helix angle | 30 degrees |
| Radius R | 2 mm |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | H |
| Tolerance nominal Ø | f8 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a _e for milling operation | 0.05×D for copy milling |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | red |
| Type of product | End mill |

Services

| | |
|------------------------|-------------|
| Shank recess Type FRST | 209900 FRST |
| Shank grinding Type HB | 129100 HB |