

Garant
Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 2,5/6 mm

Order data

| | |
|--------------|---------------|
| Order number | 207476 2,5/6 |
| GTIN | 4045197600677 |
| Item class | 11X |

Description
Version:
GARANT Diabolo:

Special geometry, newly developed coating and carbide for hard machining. 4 centre cutting edges to the centre. Therefore can be used as a true **4-edge drill** at all depths of cut.

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 4

Helix angle: 30 degrees

No. of teeth Z: 4

Flute length L_c : 5 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 6 mm

Feed f_z for side milling in steel < 65 HRC: 0.019 mm

Feed f_z for copy milling in steel < 65 HRC: 0.019 mm

Technical description

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|---|------------|
| Feed f_z for copy milling in steel < 65 HRC | 0.019 mm |
| Feed f_z for side milling in steel < 65 HRC | 0.019 mm |
| No. of teeth Z | 4 |
| Cutting edge $\varnothing D_c$ | 2.5 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 80 mm |
| Flute length L_c | 5 mm |
| Helix angle | 30 degrees |

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|---|----------------------------------|
| Radius R | 1.25 mm |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | H |
| Tolerance nominal \varnothing | f8 |
| 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 h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | red |
| Type of product | End mill |

Services

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|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
|------------------------|-----------|