

Garant
Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 14 mm

Order data

| | |
|--------------|---------------|
| Order number | 207342 14 |
| GTIN | 4045197599858 |
| Item class | 11X |

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide for hard machining.

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 18 mm

Overall length L: 75 mm

Shank $\varnothing D_s$: 14 mm

Feed f_z for side milling in steel < 65 HRC: 0.085 mm

Feed f_z for copy milling in steel < 65 HRC: 0.085 mm

Technical description

| | |
|---|------------|
| No. of teeth Z | 2 |
| Cutting edge $\varnothing D_c$ | 14 mm |
| Feed f_z for copy milling in steel < 65 HRC | 0.085 mm |
| Feed f_z for side milling in steel < 65 HRC | 0.085 mm |
| Shank $\varnothing D_s$ | 14 mm |
| Overall length L | 75 mm |
| Flute length L_c | 18 mm |
| Helix angle | 30 degrees |

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|---|----------------------------------|
| Radius R | 7 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 | 0.2×D for side milling |
| 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 clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 20 mm | SZ2025 20 |