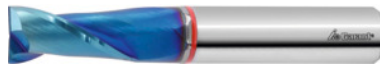


Garant
Diabolo solid carbide slot drill HPC, TiAlN, Ø e8 DC: 1,5 mm

Order data

| | |
|--------------|---------------|
| Order number | 201639 1,5 |
| GTIN | 4045197596932 |
| Item class | 11X |

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide specially for hard machining.

New generation of high performance milling cutters in the **HPC machining range**.

From size 2 with neck recess (dimensions L_1 and $\varnothing D_1$).

Tolerance nominal \varnothing : e8

No. of teeth Z: 2

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 4 mm

Overall length L: 57 mm

Shank $\varnothing D_s$: 6 mm

Corner chamfer width at 45°: 0.03 mm

Feed f_z for slot milling in steel < 65 HRC: 0.004 mm

Technical description

| | |
|-----------------------------------------------|----------|
| No. of teeth Z | 2 |
| Cutting edge $\varnothing D_c$ | 1.5 mm |
| Feed f_z for side milling in steel < 65 HRC | 0.005 mm |
| Corner chamfer width at 45° | 0.03 mm |
| Feed f_z for slot milling in steel < 65 HRC | 0.004 mm |

| | |
|-------------------------------------------|----------------------------------|
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 57 mm |
| Flute length L_c | 4 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | e8 |
| Helix angle | 30 degrees |
| Corner chamfer angle | 45 degrees |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | H |
| Cutting width a_e for milling operation | 0.05×D for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | red |
| Type of product | End mill |

Services

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