

Garant

Diabolo solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 10 mm



Order data

| | |
|--------------|---------------|
| Order number | 203211 10 |
| GTIN | 4045197597427 |
| Item class | 11X |

Description

Version:

GARANT Diabolo:

Special geometry, coating and carbide, specially for hard machining.
Dimensions similar to DIN 6527.

Application:

For profile milling as finishing.

(Plunge cutting only to shallow depths).

Tolerance nominal Ø: e8

No. of teeth Z: 6

Helix angle: 50 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length L_c : 25 mm

Overall length L: 72 mm

Shank Ø D_s : 10 mm

Feed f_z for side milling in steel < 65 HRC: 0.02 mm

Technical description

| | |
|---|---------|
| No. of teeth Z | 6 |
| Cutting edge Ø D_c | 10 mm |
| Feed f_z for side milling in steel < 65 HRC | 0.02 mm |
| Shank Ø D_s | 10 mm |
| Overall length L | 72 mm |

| | |
|---|----------------------------------|
| Flute length L_c | 25 mm |
| Direction of infeed | horizontal and oblique |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | e8 |
| Helix angle | 50 degrees |
| Corner chamfer angle | 90 degrees |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | H |
| Helix angle characteristic | unequal spacing |
| Cutting width a_e for milling operation | $0.05 \times D$ for side milling |
| 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 |