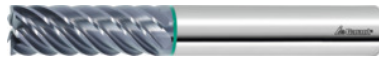


Garant

GARANT Master Steel solid carbide finishing cutter HPC, TiAlN, Ø f8 DC: 10 mm



Order data

| | |
|--------------|---------------|
| Order number | 204015 10 |
| GTIN | 4045197954510 |
| Item class | 11X |

Description

Version:

For **finishing operations**.

Special geometry for optimum chip evacuation.

Unequal spacing gives high **intrinsic stability and smooth cutting action**.

For **profile milling as a finishing operation**.

Note:

Can be reground from $\varnothing D_c = 6$ mm.

$$a_{e\max} = 0.1 \times D$$

Tolerance nominal \varnothing : f8

No. of teeth Z: 7

Helix angle: 45 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 7

Flute length L_c : 30 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 10 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.081 mm

Technical description

| | |
|----------------------------|---------------|
| No. of teeth Z | 7 |
| Direction of infeed | horizontal |
| Balance quality with shank | G 2.5 with HA |

| | |
|--|-------------------------|
| Shank | DIN 6535 HA to h6 |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.081 mm |
| Helix angle | 45 degrees |
| Shank $\varnothing D_s$ | 10 mm |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Flute length L_c | 30 mm |
| Overall length L | 80 mm |
| Tolerance nominal \varnothing | f8 |
| Corner chamfer angle | 90 degrees |
| Series | GARANT Master Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Spacing of the cutters | unequal spacing |
| Cutting width a_e for milling operation | 0.1×D for side milling |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End mill |

Services

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