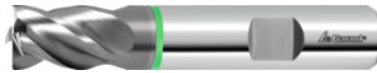


Garant

GARANT Master Steel solid carbide roughing end mill HPC, TiAlN, Ø f8 DC: 14 mm



Order data

| | |
|--------------|---------------|
| Order number | 203034 14 |
| GTIN | 4045197718594 |
| Item class | 11X |

Description

Version:

For **roughing and finishing**.

Up to $1 \times D$ into solid material **at very high feed rates** with smooth cutting action.

At maximum machining depths, ensure compliance with the ratio dimension L_c (cutting length) / \varnothing (nominal size)!

Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Tolerance nominal \varnothing : f8

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 16 mm

Overall length L: 73 mm

Shank $\varnothing D_s$: 14 mm

Corner chamfer width at 45° : 0.28 mm

Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$: 0.08 mm

Technical description

| | |
|---|---------|
| Cutting edge $\varnothing D_c$ | 14 mm |
| Corner chamfer width at 45° | 0.28 mm |
| Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$ | 0.1 mm |

| | |
|--|----------------------------------|
| No. of teeth Z | 4 |
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.08 mm |
| Shank $\varnothing D_s$ | 14 mm |
| Overall length L | 73 mm |
| Flute length L_c | 16 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HB to h6 |
| Tolerance nominal \varnothing | f8 |
| Helix angle | 38 degrees |
| Corner chamfer angle | 45 degrees |
| Series | GARANT Master Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | N |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| Cutting width a_e for milling operation | 0.5×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 | green |
| Type of product | End mill |