

Garant

GARANT Master Alu solid carbide milling cutter, HPC HPC, DLC, Ø e8 DC: 10 mm



Order data

| | |
|--------------|---------------|
| Order number | 203203 10 |
| GTIN | 4062406119386 |
| 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:

Order the **uncoated version** using **No. 203207**.

Tolerance nominal Ø: e8

No. of teeth Z: 5

Helix angle: 38 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 5

Flute length L_c : 30 mm

Overhang length L_1 incl. recess: 35 mm

Recess Ø D_1 : 9.5 mm

Overall length L: 80 mm

Shank Ø D_s : 10 mm

Technical description

| | |
|---------------------|-------------------|
| Shank Ø D_s | 10 mm |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal Ø | e8 |

| | |
|---------------------------------------------------------|---------------------------------|
| Helix angle | 38 degrees |
| No. of teeth Z | 5 |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Flute length L_c | 30 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.065 mm |
| Overhang length L_1 incl. recess | 35 mm |
| Overall length L | 80 mm |
| Direction of infeed | horizontal |
| Recess $\varnothing D_1$ | 9.5 mm |
| Balance quality with shank | G 2.5 with HA |
| Corner chamfer angle | 90 degrees |
| Series | GARANT Master Alu |
| Coating | DLC |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Spacing of the cutters | unequal spacing |
| Cutting width a_e for milling operation | $0.1 \times D$ for side milling |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | yellow |
| Type of product | End mill |

Services

Shank grinding Type HB

129100 HB