

Garant

GARANT Master Alu solid carbide milling cutter HPC, uncoated, Ø f8 DC / RS1: 10L mm



Order data

| | |
|--------------|---------------|
| Order number | 201070 10L |
| GTIN | 4062406186388 |
| Item class | 11Z |

Description

Version:

Precision balanced tools, ideally suited for use on **high-speed spindles**. Special geometry for optimum chip evacuation thanks to **newly developed balancing process**.

Very smooth cutting action for **outstanding surface quality**.

Tolerance nominal Ø: e8

No. of teeth Z: 1

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: Plain shank

Balance quality with shank: G 1.8 with HA

No. of teeth Z: 1

Flute length L_c : 26 mm

Overhang length L_1 incl. recess: 34 mm

Recess Ø D_1 : 9.2 mm

Overall length L: 60 mm

Shank Ø D_s : 10 mm

Technical description

| | |
|------------------------------------|------------|
| Overhang length L_1 incl. recess | 34 mm |
| Flute length L_c | 26 mm |
| Helix angle | 30 degrees |
| Recess Ø D_1 | 9.2 mm |

| | |
|---|--------------------------------------|
| Direction of infeed | horizontal, oblique and vertical |
| No. of teeth Z | 1 |
| Overall length L | 60 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.12 mm |
| Feed f_z for slot milling in short-chipping aluminium | 0.1 mm |
| Shank | Plain shank |
| Shank $\varnothing D_s$ | 10 mm |
| Tolerance nominal \varnothing | e8 |
| Balance quality with shank | G 1.8 with HA |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Corner chamfer angle | 90 degrees |
| Series | GARANT Master Alu |
| Coating | uncoated |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | yellow |
| Type of product | End mill |

Services

Shank grinding Type HB

129100 HB