

Garant

GARANT Master Alu PickPocket solid carbide roughing end mill HPC, DLC, Ø e6 DC: 16 mm



Order data

| | |
|--------------|---------------|
| Order number | 202010 16 |
| GTIN | 4062406380847 |
| Item class | 11X |

Description

Version:

For roughing and finishing.

Up to $2 \times D$ into solid material at very high feed rates and smooth cutting action.

Very high feed rates when plunging vertically.

Ramping capability up to 45° .

With the latest generation of DLC coating sp^2 .

Advantage:

Optimised flute form, eccentric relief ground, generous chip spaces.

Tolerance nominal Ø: e6

No. of teeth Z: 3

Helix angle: 42 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c : 48 mm

Overhang length L_1 incl. recess: 58 mm

Recess Ø D_1 : 15.8 mm

Overall length L: 108 mm

Shank Ø D_s : 16 mm

Technical description

| | |
|------------------------------------|---------------|
| Overhang length L_1 incl. recess | 58 mm |
| Balance quality with shank | G 2.5 with HA |

| | |
|---|--------------------------------------|
| Recess $\varnothing D_1$ | 15.8 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Flute length L_c | 48 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.14 mm |
| Cutting edge $\varnothing D_c$ | 16 mm |
| Tolerance nominal \varnothing | e6 |
| Feed f_z for slot milling in short-chipping aluminium | 0.12 mm |
| Shank $\varnothing D_s$ | 16 mm |
| Corner rounding r_v | 0.2 mm |
| No. of teeth Z | 3 |
| Helix angle | 42 degrees |
| Overall length L | 108 mm |
| Series | GARANT Master Alu |
| Coating | DLC |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| 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

