

Garant

GARANT Master Alu PickPocket solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 16 mm



Order data

| | |
|--------------|---------------|
| Order number | 202012 16 |
| GTIN | 4062406126315 |
| Item class | 11X |

Description

Version:

For roughing and finishing.

Up to 2×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°.

Advantage:

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

Note:

A minimum oversize of 0.1×D must be maintained for subsequent finishing operations.

Tolerance nominal Ø: e8

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 : 31 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

| | |
|----------------------------|---------------|
| Balance quality with shank | G 2.5 with HA |
|----------------------------|---------------|

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|---|--------------------------------------|
| Overhang length L_1 incl. recess | 58 mm |
| Feed f_z for slot milling in short-chipping aluminium | 0.12 mm |
| Shank $\varnothing D_s$ | 16 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting edge $\varnothing D_c$ | 16 mm |
| No. of teeth Z | 3 |
| Tolerance nominal \varnothing | e8 |
| Recess $\varnothing D_1$ | 15.8 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.14 mm |
| Overall length L | 108 mm |
| Helix angle | 42 degrees |
| Shank | DIN 6535 HA to h6 |
| Flute length L_c | 31 mm |
| Corner chamfer angle | 90 degrees |
| Series | GARANT Master Alu |
| Coating | uncoated |
| 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