

Garant

GARANT Master Alu PickPocket solid carbide roughing end mill HPC, DLC, Ø e8 DC: 9 mm



Order data

| | |
|--------------|---------------|
| Order number | 202014 9 |
| GTIN | 4062406126377 |
| 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.

Note:

A minimum oversize of $0.1 \times D$ must be maintained for subsequent finishing operations.

Tolerance nominal \varnothing : 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 : 22 mm

Overhang length L_1 incl. recess: 38 mm

Recess $\varnothing D_1$: 8.8 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 10 mm

Technical description

| | |
|---------------------------------------------------------|---------|
| Feed f_z for side milling in short-chipping aluminium | 0.08 mm |
|---------------------------------------------------------|---------|

| | |
|---------------------------------------------------------|--------------------------------------|
| Overall length L | 80 mm |
| Shank $\varnothing D_s$ | 10 mm |
| Shank | DIN 6535 HA to h6 |
| Helix angle | 42 degrees |
| Flute length L_c | 22 mm |
| Tolerance nominal \varnothing | e8 |
| Cutting edge $\varnothing D_c$ | 9 mm |
| Overhang length L_1 incl. recess | 38 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Balance quality with shank | G 2.5 with HA |
| Recess $\varnothing D_1$ | 8.8 mm |
| No. of teeth Z | 3 |
| Feed f_z for slot milling in short-chipping aluminium | 0.06 mm |
| Corner rounding r_v | 0.32 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 $1 \times D$ |
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| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | yellow |
| Type of product | End mill |

Services

Shank grinding Type HB

129100 HB