

Garant

GARANT Master Alu PickPocket solid carbide roughing end mill HPC, Ø e6 DC: 10 mm



Order data

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|--------------|---------------|
| Order number | 202008 10 |
| GTIN | 4062406380748 |
| 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° .

Advantage:

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

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 : 30 mm

Overhang length L_1 incl. recess: 38 mm

Recess $\varnothing D_1$: 9.8 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 10 mm

Technical description

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|--------------------------|----------------------------------|
| Direction of infeed | horizontal, oblique and vertical |
| Recess $\varnothing D_1$ | 9.8 mm |
| Corner chamfer angle | 90 degrees |

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| Feed f_z for side milling in short-chipping aluminium | 0.08 mm |
| Shank $\varnothing D_s$ | 10 mm |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | e8 |
| Overall length L | 80 mm |
| Helix angle | 42 degrees |
| Balance quality with shank | G 2.5 with HA |
| No. of teeth Z | 3 |
| Flute length L_c | 30 mm |
| Feed f_z for slot milling in short-chipping aluminium | 0.06 mm |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Overhang length L_1 incl. recess | 38 mm |
| Series | GARANT Master Alu |
| 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

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|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
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