

## Garant

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



#### Order data

Order number	202004 16M
GTIN	4062406380939
Item class	11X

#### Description

##### Version:

With the latest generation of DLC coating sp<sup>2</sup>.

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.**

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<sub>c</sub>: 36 mm

Overhang length L<sub>1</sub> incl. recess: 42 mm

Recess Ø D<sub>1</sub>: 15.8 mm

Overall length L: 92 mm

Shank Ø D<sub>s</sub>: 16 mm

#### Technical description

Tolerance nominal Ø	e8
Direction of infeed	horizontal, oblique and vertical

Feed $f_z$ for side milling in short-chipping aluminium	0.18 mm
Shank $\varnothing D_s$	16 mm
Flute length $L_c$	36 mm
Shank	DIN 6535 HA to h6
Helix angle	42 degrees
No. of teeth Z	3
Corner rounding $r_v$	0.2 mm
Overall length L	92 mm
Cutting edge $\varnothing D_c$	16 mm
Recess $\varnothing D_1$	15.8 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.14 mm
Balance quality with shank	G 2.5 with HA
Overhang length $L_1$ incl. recess	42 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
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