

## Garant

### GARANT Master Alu PickPocket solid carbide roughing end mill with through-coolant HPC, DLC, Ø e8 DC: 8 mm



#### Order data

Order number	202006 8
GTIN	4062406126148
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  $45^\circ$ .

Improved chip evacuation due to central through-coolant. Due to the patented geometry also suitable for boring.

With the latest generation of DLC coating  $sp^2$ .

##### 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  $L_c$ : 19 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess Ø  $D_1$ : 7.8 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 8 mm

#### Technical description

Flute length $L_c$	19 mm
Balance quality with shank	G 2.5 with HA
Overhang length $L_1$ incl. recess	25 mm
Overall length $L$	63 mm
Helix angle	42 degrees
Feed $f_z$ for side milling in short-chipping aluminium	0.1 mm
No. of teeth $Z$	3
Cutting edge $\varnothing D_c$	8 mm
Shank $\varnothing D_s$	8 mm
Tolerance nominal $\varnothing$	e8
Recess $\varnothing D_1$	7.8 mm
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for slot milling in short-chipping aluminium	0.08 mm
Shank	DIN 6535 HA to h6
Corner rounding $r_v$	0.2 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 $1 \times D$
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Through-coolant	yes
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB

129100 HB