

**Garant**
**GARANT Master Alu PickPocket solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 8 mm**

**Order data**

Order number	202002 8
GTIN	4062406125769
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  $45^\circ$ .

**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  $L_c$ : 19 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess  $\varnothing D_1$ : 7.8 mm

Overall length L: 63 mm

Shank  $\varnothing D_s$ : 8 mm

**Technical description**

Cutting edge $\varnothing D_c$	8 mm
Overall length L	63 mm

Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Helix angle	42 degrees
Feed $f_z$ for side milling in short-chipping aluminium	0.1 mm
Tolerance nominal $\varnothing$	e8
Overhang length $L_1$ incl. recess	25 mm
Balance quality with shank	G 2.5 with HA
Recess $\varnothing D_1$	7.8 mm
Shank $\varnothing D_s$	8 mm
Shank	DIN 6535 HA to h6
Feed $f_z$ for slot milling in short-chipping aluminium	0.08 mm
Flute length $L_c$	19 mm
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	uncoated
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

## Services

Shank grinding Type HB

129100 HB

