

**Garant**
**GARANT Master Alu PickPocket solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 10 mm**

**Order data**

Order number	202002 10
GTIN	4062406125790
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  $L_c$ : 22 mm

Overhang length  $L_1$  incl. recess: 30 mm

Recess  $\varnothing D_1$ : 9.8 mm

Overall length L: 72 mm

Shank  $\varnothing D_s$ : 10 mm

**Technical description**

Feed $f_z$ for slot milling in short-chipping aluminium	0.09 mm
Flute length $L_c$	22 mm

Helix angle	42 degrees
Overall length L	72 mm
Cutting edge $\varnothing D_c$	10 mm
Recess $\varnothing D_1$	9.8 mm
Overhang length $L_1$ incl. recess	30 mm
Balance quality with shank	G 2.5 with HA
Shank $\varnothing D_s$	10 mm
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for side milling in short-chipping aluminium	0.12 mm
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	e8
No. of teeth Z	3
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

