

Garant

GARANT Master Alu PickPocket solid carbide roughing end mill with through-coolant HPC, DLC, Ø e8 DC: 7,7 mm



Order data

Order number	202006 7,7
GTIN	4062406126131
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° .

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 \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 $\varnothing D_1$: 7.5 mm

Overall length L: 63 mm

Shank $\varnothing D_s$: 8 mm

Technical description

Cutting edge $\varnothing D_c$	7.7 mm
Flute length L_c	19 mm
Balance quality with shank	G 2.5 with HA
Direction of infeed	horizontal, oblique and vertical
Helix angle	42 degrees
Recess $\varnothing D_1$	7.5 mm
No. of teeth Z	3
Feed f_z for slot milling in short-chipping aluminium	0.07 mm
Tolerance nominal \varnothing	e8
Overhang length L_1 incl. recess	25 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	8 mm
Feed f_z for side milling in short-chipping aluminium	0.1 mm
Overall length L	63 mm
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