

Garant
GARANT Master Alu PickPocket solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 18 mm

Order data

Order number	202002 18
GTIN	4062406125851
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° .

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 : 31 mm

Overhang length L_1 incl. recess: 42 mm

Recess $\varnothing D_1$: 17.8 mm

Overall length L: 92 mm

Shank $\varnothing D_s$: 18 mm

Technical description

Overhang length L_1 incl. recess	42 mm
Cutting edge $\varnothing D_c$	18 mm

Recess $\varnothing D_1$	17.8 mm
Balance quality with shank	G 2.5 with HA
Overall length L	92 mm
Shank $\varnothing D_s$	18 mm
Flute length L_c	31 mm
No. of teeth Z	3
Feed f_z for side milling in short-chipping aluminium	0.2 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in short-chipping aluminium	0.16 mm
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Helix angle	42 degrees
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

