

Garant
GARANT Master Alu PickPocket solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 16 mm

Order data

Order number	202002 16
GTIN	4062406125844
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 $\varnothing D_1$: 15.8 mm

Overall length L: 92 mm

Shank $\varnothing D_s$: 16 mm

Technical description

Shank	DIN 6535 HA to h6
Balance quality with shank	G 2.5 with HA

Feed f_z for slot milling in short-chipping aluminium	0.14 mm
Recess $\varnothing D_1$	15.8 mm
Cutting edge $\varnothing D_c$	16 mm
Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	16 mm
Helix angle	42 degrees
Overhang length L_1 incl. recess	42 mm
Tolerance nominal \varnothing	e8
Flute length L_c	31 mm
Feed f_z for side milling in short-chipping aluminium	0.18 mm
No. of teeth Z	3
Overall length L	92 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

