

Garant

GARANT Master Alu SlotMachine solid carbide roughing end mill with through-coolant HPC / TPC, DLC, Ø e8 DC: 6 mm



Order data

Order number	205267 6
GTIN	4062406377397
Item class	11X

Description

Version:

For roughing.

Special profile for machining non-ferrous metals. Significant reduction in the chip volume due to targeted chip fragmentation using the **special cutter geometry**.

Improved chip evacuation due to central through-coolant.

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 35 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 : 18 mm

Overhang length L_1 incl. recess: 24 mm

Recess Ø D_1 : 5.5 mm

Overall length L: 62 mm

Shank Ø D_s : 6 mm

Technical description

Flute length L_c	18 mm
Corner rounding r_v	0.2 mm
Recess Ø D_1	5.5 mm
Overhang length L_1 incl. recess	24 mm

Cutting edge $\varnothing D_c$	6 mm
Helix angle	35 degrees
Feed f_z for side milling in short-chipping aluminium	0.1 mm
Balance quality with shank	G 2.5 with HA
Shank	DIN 6535 HA to h6
Direction of infeed	horizontal, oblique and vertical
Overall length L	62 mm
Shank $\varnothing D_s$	6 mm
No. of teeth Z	3
Tolerance nominal \varnothing	e8
Feed f_z for slot milling in short-chipping aluminium	0.08 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Milling profile	WR
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
Machining strategy	HPC
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill