

Garant

GARANT Master Alu SlotMachine solid carbide roughing end mill with through-coolant HPC / TPC, DLC, Ø e8 DC: 12 mm



Order data

Order number	205267 12
GTIN	4062406381226
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 : 36 mm

Overhang length L_1 incl. recess: 46 mm

Recess Ø D_1 : 11 mm

Overall length L: 93 mm

Shank Ø D_s : 12 mm

Technical description

Flute length L_c	36 mm
Recess Ø D_1	11 mm
Direction of infeed	horizontal, oblique and vertical
Balance quality with shank	G 2.5 with HA

No. of teeth Z	3
Feed f_z for slot milling in short-chipping aluminium	0.15 mm
Corner rounding r_v	0.32 mm
Shank $\varnothing D_s$	12 mm
Overall length L	93 mm
Tolerance nominal \varnothing	e8
Feed f_z for side milling in short-chipping aluminium	0.18 mm
Overhang length L_1 incl. recess	46 mm
Cutting edge $\varnothing D_c$	12 mm
Helix angle	35 degrees
Shank	DIN 6535 HA to h6
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