

Garant
GARANT Master Alu solid carbide milling cutter HPC, DLC, Ø e8 DC: 2M mm

Order data

Order number	201075 2M
GTIN	4062406186449
Item class	11Z

Description
Version:

Precision balanced tools, ideally suited for use on **high-speed spindles**. Special geometry for optimum chip evacuation thanks to **newly developed balancing process**.

Very smooth cutting action for **outstanding surface quality**.

Tolerance nominal \varnothing : e8

No. of teeth Z: 1

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: Plain shank

Balance quality with shank: G 1.8 with HA

No. of teeth Z: 1

Flute length L_c : 5 mm

Overall length L: 50 mm

Shank $\varnothing D_s$: 6 mm

Feed f_z for slot milling in short-chipping aluminium: 0.02 mm

Feed f_z for side milling in short-chipping aluminium: 0.04 mm

Technical description

Flute length L_c	5 mm
Shank	Plain shank
Cutting edge $\varnothing D_c$	2 mm
Shank $\varnothing D_s$	6 mm
Tolerance nominal \varnothing	e8

Overall length L	50 mm
Feed f_z for slot milling in short-chipping aluminium	0.02 mm
Balance quality with shank	G 1.8 with HA
No. of teeth Z	1
Feed f_z for side milling in short-chipping aluminium	0.04 mm
Helix angle	30 degrees
Direction of infeed	horizontal, oblique and vertical
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
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
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