

Garant
GARANT Master Alu solid carbide milling cutter HPC, DLC, Ø e8 DC: 6X mm

Order data

Order number	201075 6X
GTIN	4062406186548
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 Ø: 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 : 21 mm

Overhang length L_1 incl. recess: 27 mm

Recess Ø D_1 : 5.5 mm

Overall length L: 55 mm

Shank Ø D_s : 6 mm

Technical description

Helix angle	30 degrees
Flute length L_c	21 mm
Shank Ø D_s	6 mm
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D_c	6 mm

Tolerance nominal \varnothing	e8
Overall length L	55 mm
Overhang length L_1 incl. recess	27 mm
Feed f_z for slot milling in short-chipping aluminium	0.06 mm
Feed f_z for side milling in short-chipping aluminium	0.08 mm
Balance quality with shank	G 1.8 with HA
Recess $\varnothing D_1$	5.5 mm
Shank	Plain shank
No. of teeth Z	1
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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