

Garant

GARANT Master Alu solid carbide milling cutter HPC, uncoated, Ø f8 DC / RS1: 6X mm



Order data

Order number	201070 6X
GTIN	4062406186289
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

Balance quality with shank	G 1.8 with HA
Tolerance nominal Ø	e8
Overall length L	55 mm
Shank Ø D_s	6 mm

No. of teeth Z	1
Cutting edge $\varnothing D_c$	6 mm
Feed f_z for slot milling in short-chipping aluminium	0.06 mm
Recess $\varnothing D_1$	5.5 mm
Feed f_z for side milling in short-chipping aluminium	0.08 mm
Shank	Plain shank
Flute length L_c	21 mm
Overhang length L_1 incl. recess	27 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	30 degrees
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	uncoated
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