

Garant

GARANT Master Alu solid carbide milling cutter HPC, uncoated, Ø f8 DC / RS1: 12L mm



Order data

Order number	201070 12L
GTIN	4062406186432
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 : 32 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 11 mm

Overall length L: 70 mm

Shank Ø D_s : 12 mm

Technical description

Cutting edge Ø D_c	12 mm
No. of teeth Z	1
Shank	Plain shank
Shank Ø D_s	12 mm

Flute length L_c	32 mm
Recess $\varnothing D_1$	11 mm
Helix angle	30 degrees
Balance quality with shank	G 1.8 with HA
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Feed f_z for slot milling in short-chipping aluminium	0.1 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length L_1 incl. recess	42 mm
Tolerance nominal \varnothing	e8
Overall length L	70 mm
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