

Garant

GARANT Master Alu solid carbide milling cutter, HPC HPC, DLC, Ø e8 DC: 16 mm



Order data

Order number	203203 16
GTIN	4062406119409
Item class	11X

Description

Version:

For finishing operations.
 Special geometry for optimum chip evacuation.
 Unequal spacing gives high intrinsic stability and smooth cutting action.
 For profile milling as a finishing operation.

Note:

Order the **uncoated version** using **No. 203207**.

Tolerance nominal Ø: e8

No. of teeth Z: 5

Helix angle: 38 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 5

Flute length L_c : 48 mm

Overhang length L_1 incl. recess: 55 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 110 mm

Shank Ø D_s : 16 mm

Technical description

Direction of infeed	horizontal
Tolerance nominal Ø	e8
Shank Ø D_s	16 mm

Recess $\varnothing D_1$	15.5 mm
Overhang length L_1 incl. recess	55 mm
Helix angle	38 degrees
Overall length L	110 mm
Flute length L_c	48 mm
Balance quality with shank	G 2.5 with HA
Feed f_z for side milling in short-chipping aluminium	0.08 mm
Cutting edge $\varnothing D_c$	16 mm
No. of teeth Z	5
Shank	DIN 6535 HA to h6
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	$0.1 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB

129100 HB