

Garant

GARANT Master Alu solid carbide milling cutter, HPC HPC, DLC, Ø e8 DC: 8 mm



Order data

Order number	203205 8
GTIN	4062406119980
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. 203209**.

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 : 40 mm
 Overhang length L_1 incl. recess: 48 mm
 Recess Ø D_1 : 7.8 mm
 Overall length L: 80 mm
 Shank Ø D_s : 8 mm

Technical description

No. of teeth Z	5
Balance quality with shank	G 2.5 with HA
Feed f_z for side milling in short-chipping aluminium	0.04 mm

Shank $\varnothing D_s$	8 mm
Helix angle	38 degrees
Direction of infeed	horizontal
Tolerance nominal \varnothing	e8
Overall length L	80 mm
Recess $\varnothing D_1$	7.8 mm
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	8 mm
Flute length L_c	40 mm
Overhang length L_1 incl. recess	48 mm
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	$0.05 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB

129100 HB