

Garant

GARANT Master Alu solid carbide milling cutter, HPC HPC, DLC, Ø e8 DC: 10 mm



Order data

Order number	203204 10
GTIN	4062406119942
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. 203208**.

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 : 9.5 mm

Overall length L: 90 mm

Shank Ø D_s : 10 mm

Technical description

Cutting edge Ø D_c	10 mm
Flute length L_c	40 mm

No. of teeth Z	5
Shank $\varnothing D_s$	10 mm
Direction of infeed	horizontal
Overall length L	90 mm
Helix angle	38 degrees
Feed f_z for side milling in short-chipping aluminium	0.06 mm
Recess $\varnothing D_1$	9.5 mm
Overhang length L_1 incl. recess	48 mm
Shank	DIN 6535 HA to h6
Balance quality with shank	G 2.5 with HA
Tolerance nominal \varnothing	e8
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
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