

Garant
GARANT Master Alu solid carbide milling cutter, HPC HPC, uncoated, Ø e8 DC: 20 mm

Order data

Order number	203209 20
GTIN	4062406566012
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.

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 : 100 mm

Overhang length L_1 incl. recess: 108 mm

Recess Ø D_1 : 19.5 mm

Overall length L: 175 mm

Shank Ø D_s : 20 mm

Technical description

Shank Ø D_s	20 mm
Tolerance nominal Ø	e8
Flute length L_c	100 mm
Recess Ø D_1	19.5 mm

Cutting edge $\varnothing D_c$	20 mm
Helix angle	38 degrees
Overall length L	175 mm
Balance quality with shank	G 2.5 with HA
Shank	DIN 6535 HA to h6
Corner chamfer angle	90 degrees
Feed f_z for side milling in short-chipping aluminium	0.07 mm
No. of teeth Z	5
Direction of infeed	horizontal
Overhang length L_1 incl. recess	108 mm
Series	GARANT Master Alu
Coating	uncoated
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
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