

Garant
GARANT Master Alu solid carbide milling cutter, HPC HPC, uncoated, Ø e8 DC: 12 mm

Order data

Order number	203207 12
GTIN	4062406565886
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 : 36 mm
 Overhang length L_1 incl. recess: 45 mm
 Recess Ø D_1 : 11.5 mm
 Overall length L: 93 mm
 Shank Ø D_s : 12 mm

Technical description

Helix angle	38 degrees
Balance quality with shank	G 2.5 with HA
Feed f_z for side milling in short-chipping aluminium	0.07 mm
No. of teeth Z	5

Direction of infeed	horizontal
Corner chamfer angle	90 degrees
Overhang length L_1 incl. recess	45 mm
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Overall length L	93 mm
Recess $\varnothing D_1$	11.5 mm
Flute length L_c	36 mm
Shank $\varnothing D_s$	12 mm
Cutting edge $\varnothing D_c$	12 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	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