Garant

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

Order data

Order number	203204 16
GTIN	4062406119966
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 ∅: 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: 64 mm
Overhang length L_1 incl. recess: 72 mm
Recess ∅ D_1: 15.5 mm
Overall length L: 125 mm
Shank ∅ D_s: 16 mm

Technical description

Feed f_z for side milling in short-chipping aluminium	0.07 mm
Flute length L_c	64 mm

Overhang length L_1 incl. recess	72 mm
Balance quality with shank	G 2.5 with HA
Tolerance nominal ∅	e8
Cutting edge ∅ D_C	16 mm
Shank	DIN 6535 HA to h6
Recess ∅ D_1	15.5 mm
Helix angle	38 degrees
No. of teeth Z	5
Overall length L	125 mm
Shank ∅ D_s	16 mm
Direction of infeed	horizontal
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×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