Garant

GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, ∅ e8 DC / R1: 5/0,5 mm



Order data

Order number	206255 5/0,5
GTIN	4062406155896
Item class	11X

Description

Version:
Cutting edge length to DIN 6527.
All dimensions to DIN.
Tolerance: Corner radius **R_1 = ± 0.01 mm.**
Application:
Especially for **high speed machining** in **mould and tool making** for **copy milling.**
No. of teeth Z: 3
Helix angle: 42 degrees
Shank: DIN 6535 HA to h6
Balance quality with shank: G 2.5 with HA
No. of teeth Z: 3
Flute length L_c: 9 mm
Corner radius R_1: 0.5 mm
Overall length L: 57 mm
Shank ∅ D_s: 6 mm
Feed f_z for side milling in short-chipping aluminium: 0.08 mm

Technical description

Shank ∅ D_s	6 mm
No. of teeth Z	3
Feed f_z for copy milling in short-chipping aluminium	0.09 mm
Feed f_z for side milling in short-chipping aluminium	0.08 mm

Corner radius R_1	0.5 mm
Shank	DIN 6535 HA to h6
Flute length L_c	9 mm
Balance quality with shank	G 2.5 with HA
Helix angle	42 degrees
Cutting edge ⌀ D_C	5 mm
Overall length L	57 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Tolerance nominal ⌀	e8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.5×D for side milling
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Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB