

Garant
GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e8 DC / R1: 8/0,5 mm

Order data

Order number	206257 8/0,5
GTIN	4062406156374
Item class	11X

Description
Version:

Cutting edge length to DIN 6527.

Tolerance: Corner radius $R_1 = \pm 0.01 \text{ mm}$.

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 : 19 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 7.8 mm

Overall length L: 68 mm

Technical description

Shank Ø D_s	8 mm
Recess Ø D_1	7.8 mm
Corner radius R_1	0.5 mm
Overhang length L_1 incl. recess	30 mm
Shank	DIN 6535 HA to h6

Helix angle	42 degrees
Feed f_z for copy milling in short-chipping aluminium	0.1 mm
Balance quality with shank	G 2.5 with HA
Overall length L	68 mm
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Cutting edge $\varnothing D_c$	8 mm
Flute length L_c	19 mm
No. of teeth Z	3
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal $\varnothing$	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	$0.03 \times D$ for copy milling
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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