

Garant**GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e8 DC / R1: 12/0,5 mm****Order data**

Order number	206255 12/0,5
GTIN	4062406156275
Item class	11X

Description**Version:**

Cutting edge length to DIN 6527.

All dimensions to DIN.

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 : 26 mmCorner radius R_1 : 0.5 mmOverhang length L_1 incl. recess: 36 mmRecess Ø D_1 : 11.8 mm

Overall length L: 83 mm

Technical description

Recess Ø D_1	11.8 mm
Shank	DIN 6535 HA to h6
No. of teeth Z	3
Feed f_z for side milling in short-chipping aluminium	0.15 mm

Corner radius R_1	0.5 mm
Feed f_z for copy milling in short-chipping aluminium	0.16 mm
Balance quality with shank	G 2.5 with HA
Overall length L	83 mm
Overhang length L_1 incl. recess	36 mm
Flute length L_c	26 mm
Cutting edge $\varnothing D_c$	12 mm
Helix angle	42 degrees
Shank $\varnothing D_s$	12 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
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	0.5×D for side milling
Cutting width a_e for milling operation	0.5×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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