

## Garant

### GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e8 DC / R1: 8/1,0 mm



#### Order data

Order number	206255 8/1,0
GTIN	4062406156244
Item class	11X

#### Description

##### Version:

Cutting edge length to DIN 6527.

All dimensions to DIN.

Tolerance: Corner radius  $R_1 = \pm 0.01$  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  $L_c$ : 19 mm

Corner radius  $R_1$ : 1 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess  $\varnothing D_1$ : 7.8 mm

Overall length L: 63 mm

#### Technical description

Feed $f_z$ for side milling in short-chipping aluminium	0.1 mm
No. of teeth Z	3
Cutting edge $\varnothing D_c$	8 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.12 mm

Shank $\varnothing D_s$	8 mm
Flute length $L_c$	19 mm
Corner radius $R_1$	1 mm
Overall length $L$	63 mm
Shank	DIN 6535 HA to h6
Helix angle	42 degrees
Recess $\varnothing D_1$	7.8 mm
Balance quality with shank	G 2.5 with HA
Overhang length $L_1$ incl. recess	25 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
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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
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