

## Garant

### GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e8 DC / R1: 16/1,0 mm



#### Order data

Order number	206257 16/1,0
GTIN	4062406156435
Item class	11X

#### Description

##### Version:

Cutting edge length to DIN 6527.

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  $L_c$ : 31 mm

Corner radius  $R_1$ : 1 mm

Overhang length  $L_1$  incl. recess: 58 mm

Recess  $\varnothing D_1$ : 15.8 mm

Overall length L: 108 mm

#### Technical description

Overall length L	108 mm
Corner radius $R_1$	1 mm
No. of teeth Z	3
Flute length $L_c$	31 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.14 mm

Shank $\varnothing D_s$	16 mm
Recess $\varnothing D_1$	15.8 mm
Shank	DIN 6535 HA to h6
Helix angle	42 degrees
Cutting edge $\varnothing D_c$	16 mm
Balance quality with shank	G 2.5 with HA
Overhang length $L_1$ incl. recess	58 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.16 mm
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×D for copy 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
------------------------	-----------