

## Garant

### GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e6 DC / R1: 16/5,0 mm



#### Order data

Order number	206261 16/5,0
GTIN	4062406398576
Item class	11X

#### Description

##### Version:

Eccentric relief ground, additionally polish ground in the flutes for outstanding chip evacuation in long-chipping non-ferrous materials.

Very high feed rates when plunging vertically. Ramping capability up to 45°.

Tolerances:

##### · Corner radius

**$R_1 = 0.5$  tolerance  $\pm 0.02$  mm.**

**$R_1 > 0.5 - 1.5$  tolerance  $\pm 0.03$  mm.**

**$R_1 > 1.5$  tolerance  $\pm 0.05$  mm.**

No. of teeth Z: 3

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length  $L_c$ : 25 mm

Corner radius  $R_1$ : 5 mm

Overhang length  $L_1$  incl. recess: 100 mm

Recess Ø  $D_1$ : 15 mm

Overall length L: 150 mm

#### Technical description

Overall length L	150 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.07 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.06 mm

Cutting edge $\varnothing D_c$	16 mm
Shank	DIN 6535 HA to h6
Recess $\varnothing D_1$	15 mm
No. of teeth Z	3
Shank $\varnothing D_s$	16 mm
Balance quality with shank	G 2.5 with HA
Corner radius $R_1$	5 mm
Flute length $L_c$	25 mm
Overhang length $L_1$ incl. recess	100 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
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	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill