

Garant
GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e6 DC / R1: 6/0,5 mm

Order data

Order number	206261 6/0,5
GTIN	4062406398422
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 ± 0.02 mm.

$R_1 > 0.5 - 1.5$ tolerance ± 0.03 mm.

$R_1 > 1.5$ tolerance ± 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 : 10 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 5.7 mm

Overall length L: 80 mm

Technical description

Cutting edge Ø D_c	6 mm
Overhang length L_1 incl. recess	42 mm
Shank Ø D_s	6 mm

Corner radius R_1	0.5 mm
Flute length L_c	10 mm
Recess $\varnothing D_1$	5.7 mm
Feed f_z for side milling in short-chipping aluminium	0.04 mm
Balance quality with shank	G 2.5 with HA
Overall length L	80 mm
No. of teeth Z	3
Feed f_z for copy milling in short-chipping aluminium	0.045 mm
Shank	DIN 6535 HA to h6
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	$0.5 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill