

Garant
GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e6 DC / R1: 5/1,0 mm

Order data

Order number	206261 5/1,0
GTIN	4062406398415
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 : 8 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 4.7 mm

Overall length L: 80 mm

Technical description

Corner radius R_1	1 mm
Flute length L_c	8 mm
Overhang length L_1 incl. recess	30 mm

Balance quality with shank	G 2.5 with HA
Overall length L	80 mm
Feed f_z for side milling in short-chipping aluminium	0.035 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	6 mm
Recess $\varnothing D_1$	4.7 mm
Cutting edge $\varnothing D_c$	5 mm
No. of teeth Z	3
Feed f_z for copy milling in short-chipping aluminium	0.04 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	$0.5 \times D$ 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