

Garant
GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e6 DC / R1: 16/1,0 mm

Order data

Order number	206261 16/1,0
GTIN	4062406398552
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 : 25 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 100 mm

Recess Ø D_1 : 15 mm

Overall length L: 150 mm

Technical description

Recess Ø D_1	15 mm
Overhang length L_1 incl. recess	100 mm
Shank	DIN 6535 HA to h6

Balance quality with shank	G 2.5 with HA
Feed f_z for side milling in short-chipping aluminium	0.06 mm
Cutting edge $\varnothing D_c$	16 mm
Corner radius R_1	1 mm
Shank $\varnothing D_s$	16 mm
Feed f_z for copy milling in short-chipping aluminium	0.07 mm
No. of teeth Z	3
Overall length L	150 mm
Flute length L_c	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
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