

Garant

GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e6 DC / R1: 4/1,0 mm



Order data

Order number	206261 4/1,0
GTIN	4062406398392
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 : 6.5 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 24 mm

Recess $\varnothing D_1$: 3.7 mm

Overall length L: 80 mm

Technical description

Balance quality with shank	G 2.5 with HA
Shank $\varnothing D_s$	6 mm
Shank	DIN 6535 HA to h6

Flute length L_c	6.5 mm
Recess $\varnothing D_1$	3.7 mm
No. of teeth Z	3
Cutting edge $\varnothing D_c$	4 mm
Overall length L	80 mm
Corner radius R_1	1 mm
Overhang length L_1 incl. recess	24 mm
Feed f_z for copy milling in short-chipping aluminium	0.035 mm
Feed f_z for side milling in short-chipping aluminium	0.03 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