

Garant

GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, Ø e6 DC / R1: 12/0,5 mm



Order data

Order number	206261 12/0,5
GTIN	4062406398514
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 : 19 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 73 mm

Recess Ø D_1 : 11 mm

Overall length L: 120 mm

Technical description

Corner radius R_1	0.5 mm
Overhang length L_1 incl. recess	73 mm
Shank Ø D_s	12 mm

Feed f_z for copy milling in short-chipping aluminium	0.06 mm
Overall length L	120 mm
Balance quality with shank	G 2.5 with HA
No. of teeth Z	3
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	12 mm
Recess $\varnothing D_1$	11 mm
Flute length L_c	19 mm
Feed f_z for side milling in short-chipping aluminium	0.05 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