Garant

GARANT Master Alu PickPocket solid carbide torus cutter HPC, DLC, ∅ e6 DC / R1: 12/3,0 mm



Order data

Order number	206261 12/3,0
GTIN	4062406398545
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: 3 mm
Overhang length L_1 incl. recess: 73 mm
Recess ∅ D_1: 11 mm
Overall length L: 120 mm

Technical description

Shank	DIN 6535 HA to h6
Feed f_z for copy milling in short-chipping aluminium	0.06 mm
Balance quality with shank	G 2.5 with HA

No. of teeth Z	3
Cutting edge ⌀ D_C	12 mm
Feed f_z for side milling in short-chipping aluminium	0.05 mm
Overhang length L_1 incl. recess	73 mm
Corner radius R_1	3 mm
Overall length L	120 mm
Shank ⌀ D_s	12 mm
Recess ⌀ D_1	11 mm
Flute length L_c	19 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Tolerance nominal ⌀	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