

Garant
GARANT Master Alu SlotMachine solid carbide torus cutter HPC / TPC, DLC, Ø e8 DC / R1: 10/2,0 mm

Order data

Order number	206258 10/2,0
GTIN	4062406398330
Item class	11X

Description
Version:

Eccentric relief ground, additionally polish ground in the flutes for outstanding chip evacuation in long-chipping non-ferrous materials.

With a new knurled profile, optimised for higher feed rates. Tremendous bending strength due to the use of an innovative micrograin substrate.

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 : 41 mm

Corner radius R_1 : 2 mm

Overhang length L_1 incl. recess: 50 mm

Recess Ø D_1 : 9.5 mm

Overall length L: 90 mm

Technical description

Flute length L_c	41 mm
Shank	DIN 6535 HA to h6
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Shank Ø D_s	10 mm
Overhang length L_1 incl. recess	50 mm
Balance quality with shank	G 2.5 with HA

No. of teeth Z	3
Overall length L	90 mm
Recess $\varnothing D_1$	9.5 mm
Cutting edge $\varnothing D_c$	10 mm
Corner radius R_1	2 mm
Feed f_z for slot milling in short-chipping aluminium	0.1 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Milling profile	WR
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	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Through-coolant	no
Machining strategy	TPC
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill