

Garant
GARANT Master Alu SlotMachine solid carbide torus cutter HPC / TPC, DLC, Ø e8 DC / R1: 20/3,0 mm

Order data

Order number	206258 20/3,0
GTIN	4062406398385
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: 4

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 4

Flute length L_c : 82 mm

Corner radius R_1 : 3 mm

Overhang length L_1 incl. recess: 100 mm

Recess Ø D_1 : 19 mm

Overall length L: 150 mm

Technical description

Recess Ø D_1	19 mm
Cutting edge Ø D_c	20 mm
Overall length L	150 mm
Balance quality with shank	G 2.5 with HA
No. of teeth Z	4
Shank	DIN 6535 HA to h6

Feed f_z for side milling in short-chipping aluminium	0.25 mm
Overhang length L_1 incl. recess	100 mm
Corner radius R_1	3 mm
Shank $\varnothing D_s$	20 mm
Flute length L_c	82 mm
Feed f_z for slot milling in short-chipping aluminium	0.2 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