

Garant
GARANT Master Alu solid carbide torus cutter HPC, DLC, Ø h6 DC / RS1: 6/1,0 mm

Order data

Order number	206264 6/1,0
GTIN	4062406398590
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

RS₁ = 0.5 tolerance ±0.02.

RS₁ > 0.5 – 1.5 tolerance ±0.03.

RS₁ > 1.5 tolerance ±0.05.

Application:

Particularly suitable for finishing work.

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: 25 mm

Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 30 mm

Recess Ø D₁: 5.7 mm

Overall length L: 65 mm

Technical description

Shank Ø D _s	6 mm
Overall length L	65 mm

Recess $\varnothing D_1$	5.7 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	6 mm
Corner radius R_1	1 mm
Overhang length L_1 incl. recess	30 mm
Flute length L_c	25 mm
Feed f_z for side milling in short-chipping aluminium	0.045 mm
Shank	DIN 6535 HA to h6
Balance quality with shank	G 2.5 with HA
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	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill