

## Garant

### Solid carbide torus cutter, DLC, Ø h6 DC / R1: 6/1,0 mm



## Order data

Order number	206230 6/1,0
GTIN	4045197860231
Item class	11X

## Description

### Version:

Tolerances:

- **Corner radius**

**$R_1 = 0.5$  tolerance  $\pm 0.02$ .**

**$R_1 > 0.5 - 1.5$  tolerance  $\pm 0.03$ .**

**$R_1 > 1.5$  tolerance  $\pm 0.05$ .**

With the latest generation of **DLC coating sp<sup>2</sup>**.

**Eccentric relief ground**, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.

### Note:

**NEW GENERATION AVAILABLE! Recommended successor product is No. 206255.**

No. of teeth Z: 3

Helix angle: 45 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length  $L_c$ : 13 mm

Corner radius  $R_1$ : 1 mm

Overhang length  $L_1$  incl. recess: 19 mm

Recess  $\varnothing D_1$ : 5.7 mm

Overall length L: 57 mm

## Technical description

Shank	DIN 6535 HA to h6
Recess $\varnothing D_1$	5.7 mm

Shank $\varnothing D_s$	6 mm
No. of teeth Z	3
Corner radius $R_1$	1 mm
Cutting edge $\varnothing D_c$	6 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.03 mm
Flute length $L_c$	13 mm
Overhang length $L_1$ incl. recess	19 mm
Balance quality with shank	G 2.5 with HA
Overall length L	57 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.03 mm
Helix angle	45 degrees
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Tolerance nominal $\varnothing$	h6
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	0.05×D for copy milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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