

## Garant

### Solid carbide torus cutter, DLC, Ø h6 DC / R1: 20/5,0 mm



## Order data

Order number	206230 20/5,0
GTIN	4062406127701
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  $L_c$ : 41 mm

Corner radius  $R_1$ : 5 mm

Overhang length  $L_1$  incl. recess: 52 mm

Recess  $\varnothing D_1$ : 19 mm

Overall length L: 104 mm

## Technical description

No. of teeth Z	3
Flute length $L_c$	41 mm

Feed $f_z$ for side milling in short-chipping aluminium	0.12 mm
Corner radius $R_1$	5 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.13 mm
Recess $\varnothing D_1$	19 mm
Shank $\varnothing D_s$	20 mm
Balance quality with shank	G 2.5 with HA
Cutting edge $\varnothing D_c$	20 mm
Helix angle	45 degrees
Overhang length $L_1$ incl. recess	52 mm
Overall length $L$	104 mm
Shank	DIN 6535 HA to h6
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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