

## Garant

### Solid carbide torus cutter, DLC, Ø h6 DC / R1: 8/1,0 mm



#### Order data

Order number	206250 8/1,0
GTIN	4045197860453
Item class	11X

#### Description

##### Version:

Dimensions to manufacturer's standard.

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.

Tolerances:

##### · Corner radius

**R<sub>1</sub> = 0.5 tolerance ±0.02.**

**R<sub>1</sub> > 0.5 – 1.5 tolerance ±0.03.**

**R<sub>1</sub> > 1.5 tolerance ±0.05.**

##### Note:

**NEW GENERATION AVAILABLE! Recommended successor product is No. 206261.**

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<sub>c</sub>: 13 mm

Corner radius R<sub>1</sub>: 1 mm

Overhang length L<sub>1</sub> incl. recess: 62 mm

Recess Ø D<sub>1</sub>: 7.4 mm

Overall length L: 100 mm

#### Technical description

Feed f <sub>z</sub> for copy milling in short-chipping aluminium	0.04 mm
Cutting edge Ø D <sub>c</sub>	8 mm

Feed $f_z$ for side milling in short-chipping aluminium	0.04 mm
Overhang length $L_1$ incl. recess	62 mm
Shank $\varnothing D_s$	8 mm
Shank	DIN 6535 HA to h6
Balance quality with shank	G 2.5 with HA
Corner radius $R_1$	1 mm
No. of teeth $Z$	3
Overall length $L$	100 mm
Recess $\varnothing D_1$	7.4 mm
Flute length $L_c$	13 mm
Helix angle	45 degrees
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal $\varnothing$	h6
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.3×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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