

**Garant**
**Solid carbide torus cutter, DLC, Ø e8 DC / R1: 8/2,0 mm**

**Order data**

Order number	206071 8/2,0
GTIN	4045197766441
Item class	11X

**Description**
**Version:**

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

With **double relief ground side clearance angle and corner radius**.

**High stability** due to **strengthened core**.

Tolerance: **R<sub>1</sub> = ±0.01 mm**.

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L<sub>c</sub>: 9 mm

Corner radius R<sub>1</sub>: 2 mm

Overhang length L<sub>1</sub> incl. recess: 54 mm

Recess Ø D<sub>1</sub>: 7.4 mm

Overall length L: 100 mm

**Technical description**

Overhang length L <sub>1</sub> incl. recess	54 mm
Shank Ø D <sub>s</sub>	8 mm
Feed f <sub>z</sub> for copy milling in short-chipping aluminium	0.045 mm
Recess Ø D <sub>1</sub>	7.4 mm
No. of teeth Z	2
Cutting edge Ø D <sub>c</sub>	8 mm
Overall length L	100 mm

Flute length $L_c$	9 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.04 mm
Corner radius $R_1$	2 mm
Shank	DIN 6535 HA to h6
Helix angle	30 degrees
Coating	DLC
Tool material	solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal $\varnothing$	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.1×D for side milling
Cutting width $a_e$ for milling operation	0.05×D for copy milling
Through-coolant	no
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
------------------------	-----------