

**Garant**
**Solid carbide torus cutter, DLC, Ø e8 DC / R1: 6/1,0 mm**

**Order data**

Order number	206071 6/1,0
GTIN	4045197766403
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>: 7 mm

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

Overhang length L<sub>1</sub> incl. recess: 44 mm

Recess Ø D<sub>1</sub>: 5.5 mm

Overall length L: 80 mm

**Technical description**

Corner radius R <sub>1</sub>	1 mm
Overhang length L <sub>1</sub> incl. recess	44 mm
No. of teeth Z	2
Overall length L	80 mm
Shank Ø D <sub>s</sub>	6 mm
Feed f <sub>z</sub> for copy milling in short-chipping aluminium	0.034 mm
Flute length L <sub>c</sub>	7 mm

Recess $\varnothing D_1$	5.5 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.03 mm
Cutting edge $\varnothing D_c$	6 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
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