

**Garant**
**Solid carbide torus cutter, DLC, Ø e8 DC / R1: 10/3,0 mm**

**Order data**

Order number	206075 10/3,0
GTIN	4045197766588
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>: 11 mm

Corner radius R<sub>1</sub>: 3 mm

Overhang length L<sub>1</sub> incl. recess: 110 mm

Recess Ø D<sub>1</sub>: 9.2 mm

Overall length L: 150 mm

**Technical description**

Cutting edge Ø D <sub>c</sub>	10 mm
Corner radius R <sub>1</sub>	3 mm
No. of teeth Z	2
Feed f <sub>z</sub> for side milling in short-chipping aluminium	0.05 mm
Feed f <sub>z</sub> for copy milling in short-chipping aluminium	0.056 mm
Overhang length L <sub>1</sub> incl. recess	110 mm
Flute length L <sub>c</sub>	11 mm

Shank $\varnothing D_s$	10 mm
Overall length L	150 mm
Recess $\varnothing D_1$	9.2 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	0.05×D for copy milling
Cutting width $a_e$ for milling operation	0.1×D for side milling
Through-coolant	no
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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