

## Garant

### Solid carbide torus cutter, DLC, Ø e8 DC / R1: 3/0,3 mm



#### Order data

Order number	206071 3/0,3
GTIN	4045197766366
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>: 4 mm

Corner radius R<sub>1</sub>: 0.3 mm

Overhang length L<sub>1</sub> incl. recess: 32 mm

Recess Ø D<sub>1</sub>: 2.7 mm

Overall length L: 75 mm

#### Technical description

Flute length L <sub>c</sub>	4 mm
Recess Ø D <sub>1</sub>	2.7 mm
Overhang length L <sub>1</sub> incl. recess	32 mm
Overall length L	75 mm
Feed f <sub>z</sub> for copy milling in short-chipping aluminium	0.011 mm
Cutting edge Ø D <sub>c</sub>	3 mm
No. of teeth Z	2

Feed $f_z$ for side milling in short-chipping aluminium	0.01 mm
Shank $\varnothing D_s$	3 mm
Corner radius $R_1$	0.3 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