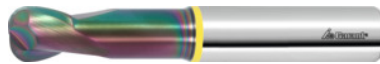


**Garant**
**Solid carbide torus cutter, DLC, Ø e8 DC / R1: 5/0,3 mm**

**Order data**

Order number	206065 5/0,3
GTIN	4045197766229
Item class	11X

**Description**
**Version:**

Tolerance:  $R_1 = \pm 0.01 \text{ mm}$ .

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

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

**High strength** due to **strengthened core**.

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length  $L_c$ : 6 mm

Corner radius  $R_1$ : 0.3 mm

Overhang length  $L_1$  incl. recess: 18 mm

Recess Ø  $D_1$ : 4.6 mm

Overall length L: 54 mm

**Technical description**

Feed $f_z$ for side milling in short-chipping aluminium	0.02 mm
Overall length L	54 mm
Corner radius $R_1$	0.3 mm
Recess Ø $D_1$	4.6 mm
Cutting edge Ø $D_c$	5 mm
Flute length $L_c$	6 mm
Feed $f_z$ for copy milling in short-chipping aluminium	0.023 mm

Overhang length $L_1$ incl. recess	18 mm
No. of teeth $Z$	2
Shank $\varnothing D_s$	5 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	$0.05 \times D$ for copy milling
Cutting width $a_e$ for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill