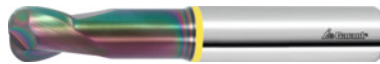


## Garant

### Solid carbide torus cutter, DLC, Ø e8 DC / R1: 4/1,0 mm



## Order data

Order number	206065 4/1,0
GTIN	4062406074715
Item class	11X

## Description

### Version:

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

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

Tolerance:  **$R_1 = \pm 0.01$  mm.**

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

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>: 5 mm

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

Overhang length L<sub>1</sub> incl. recess: 16 mm

Recess Ø D<sub>1</sub>: 3.7 mm

Overall length L: 50 mm

## Technical description

Helix angle	30 degrees
No. of teeth Z	2
Overall length L	50 mm
Feed f <sub>z</sub> for side milling in short-chipping aluminium	0.02 mm
Corner radius R <sub>1</sub>	1 mm
Shank	DIN 6535 HA to h6
Overhang length L <sub>1</sub> incl. recess	16 mm

Feed $f_z$ for copy milling in short-chipping aluminium	0.023 mm
Shank $\varnothing D_s$	4 mm
Recess $\varnothing D_1$	3.7 mm
Cutting edge $\varnothing D_c$	4 mm
Flute length $L_c$	5 mm
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	0.5×D for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
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