

## Garant

### Solid carbide torus cutter, TiAlN, Ø e8 DC / R1: 1/0,2 mm



#### Order data

Order number	206300 1/0,2
GTIN	4045197124173
Item class	11X

#### Description

##### Version:

With **double relief ground side clearance angle**.

Tolerance: Corner radius  $R_1 = \pm 0.005$  mm.

##### Application:

Especially for **high speed machining in mould and tool making for copy milling**. Excellent results when **milling dry**.

##### Note:

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 206335.**

No. of teeth Z: 4

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length  $L_c$ : 1.5 mm

Corner radius  $R_1$ : 0.2 mm

Overhang length  $L_1$  incl. recess: 20 mm

Recess Ø  $D_1$ : 0.85 mm

Overall length L: 75 mm

#### Technical description

Corner radius $R_1$	0.2 mm
Feed $f_z$ for copy milling in steel < 1100 N/mm <sup>2</sup>	0.003 mm
No. of teeth Z	4
Overhang length $L_1$ incl. recess	20 mm

Recess $\varnothing D_1$	0.85 mm
Feed $f_z$ for side milling in steel $< 1100 \text{ N/mm}^2$	0.003 mm
Cutting edge $\varnothing D_c$	1 mm
Shank $\varnothing D_s$	3 mm
Flute length $L_c$	1.5 mm
Overall length $L$	75 mm
Shank	DIN 6535 HA to h6
Helix angle	30 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
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	$0.2 \times D$ for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	End mill