

Garant
Solid carbide torus cutter, DLC, Ø e8 DC / R1: 8/1,0 mm

Order data

Order number	206075 8/1,0
GTIN	4045197766557
Item class	11X

Description
Version:

With the latest generation of **DLC coating sp²**.

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

High stability due to **strengthened core.**

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

No. of teeth Z: 2

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 9 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 90 mm

Recess Ø D_1 : 7.4 mm

Overall length L: 130 mm

Technical description

Corner radius R_1	1 mm
Flute length L_c	9 mm
Cutting edge Ø D_c	8 mm
No. of teeth Z	2
Shank Ø D_s	8 mm
Overall length L	130 mm
Feed f_z for copy milling in short-chipping aluminium	0.045 mm

Feed f_z for side milling in short-chipping aluminium	0.04 mm
Recess $\varnothing D_1$	7.4 mm
Overhang length L_1 incl. recess	90 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
------------------------	-----------