

Garant
Solid carbide torus cutter, DLC, Ø e8 DC / R1: 6/2,0 mm

Order data

Order number	206071 6/2,0
GTIN	4045197766410
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: **R₁ = ±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: 7 mm

Corner radius R₁: 2 mm

Overhang length L₁ incl. recess: 44 mm

Recess Ø D₁: 5.5 mm

Overall length L: 80 mm

Technical description

Overhang length L ₁ incl. recess	44 mm
Overall length L	80 mm
Corner radius R ₁	2 mm
Shank Ø D _s	6 mm
No. of teeth Z	2
Recess Ø D ₁	5.5 mm
Flute length L _c	7 mm

Cutting edge $\varnothing D_c$	6 mm
Feed f_z for copy milling in short-chipping aluminium	0.034 mm
Feed f_z for side milling in short-chipping aluminium	0.03 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

Services

Shank grinding Type HB	129100 HB
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