

Garant
Solid carbide torus cutter, Diamond, Ø e8 DC / R1: 8/0,5 mm

Order data

Order number	209760 8/0,5
GTIN	4045197507358
Item class	11Y

Description
Version:

With the latest generation of **crystalline diamond coating sp³**, for process reliability in machining **fibre-reinforced composites, CRP, GRP and graphite**. Double relief ground side clearance angle.

Tolerance: **Corner radius R₁ = ±0.01 mm.**

No. of teeth Z: 4

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L_c: 9 mm

Corner radius R₁: 0.5 mm

Overhang length L₁ incl. recess: 75 mm

Recess Ø D₁: 7.4 mm

Overall length L: 120 mm

Technical description

Overhang length L ₁ incl. recess	75 mm
Cutting edge Ø D _c	8 mm
Feed f _z for side milling in graphite	0.078 mm
Feed f _z for copy milling in graphite	0.078 mm
Recess Ø D ₁	7.4 mm
No. of teeth Z	4
Corner radius R ₁	0.5 mm

Shank $\varnothing D_s$	8 mm
Flute length L_c	9 mm
Overall length L	120 mm
Shank	DIN 6535 HA to h6
Helix angle	30 degrees
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal \varnothing	e8
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.2×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Through-coolant	no
Shank tolerance	h6
Colour ring	black
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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