

Garant

PCD torus cutter with internal cooling straight cut, PCD, Ø e8 DC / R1: 8/0,5 mm



Order data

Order number	209635 8/0,5
GTIN	4045197513434
Item class	11Y

Description

Version:

High performance PCD slot drill for the **highest demands in respect to material removal rates** when machining **GRP, CRP** and **graphite**.

Straight flutes for a neutral cut.

Tolerance for corner radius $R_1 = \pm 0.01$ mm.

No. of teeth Z: 2

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 7 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 27 mm

Recess Ø D_1 : 7.4 mm

Overall length L: 63 mm

Technical description

Overhang length L_1 incl. recess	27 mm
Cutting edge Ø D_c	8 mm
Feed f_z for side milling in GRP CRP	0.05 mm
Recess Ø D_1	7.4 mm
Feed f_z for copy milling in graphite	0.14 mm
No. of teeth Z	2
Feed f_z for copy milling in GRP CRP	0.08 mm

Feed f_z for side milling in graphite	0.09 mm
Corner radius R_1	0.5 mm
Shank $\varnothing D_s$	8 mm
Flute length L_c	7 mm
Overall length L	63 mm
Shank	DIN 6535 HA to h6
Coating	PCD
Tool material	PCD
Standard	Manufacturer's standard
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	0.2×D for side milling
Through-coolant	yes
Shank tolerance	h6
Colour ring	black
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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