

Garant
PCD ball nose slot drill with internal cooling straight cut, PCD, Ø e8 DC: 6 mm

Order data

Order number	209655 6
GTIN	4045197513335
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.

No. of teeth Z: 2

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Flute length L_c : 6 mm

Overhang length L_1 incl. recess: 15 mm

Recess Ø D_1 : 5.5 mm

Overall length L: 80 mm

Shank Ø D_s : 6 mm

Technical description

Feed f_z for side milling in GRP CRP	0.04 mm
Feed f_z for copy milling in GRP CRP	0.07 mm
Recess Ø D_1	5.5 mm
No. of teeth Z	2
Overhang length L_1 incl. recess	15 mm
Cutting edge Ø D_c	6 mm
Feed f_z for copy milling in graphite	0.12 mm
Feed f_z for side milling in graphite	0.08 mm
Shank Ø D_s	6 mm

Overall length L	80 mm
Flute length L _c	6 mm
Radius R	3 mm
Coating	PCD
Tool material	PCD
Standard	Manufacturer's standard
Tolerance nominal Ø	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
Shank	DIN 6535 HA with h6
Through-coolant	yes
Colour ring	black
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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