

Garant
PCD ball nose slot drill with internal cooling straight cut, PCD, Ø e8 DC: 12 mm

Order data

Order number	209655 12
GTIN	4045197513366
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 : 10 mm

Overhang length L_1 incl. recess: 35 mm

Recess Ø D_1 : 11.2 mm

Overall length L: 100 mm

Shank Ø D_s : 12 mm

Technical description

Overhang length L_1 incl. recess	35 mm
Recess Ø D_1	11.2 mm
Feed f_z for copy milling in graphite	0.14 mm
Feed f_z for side milling in GRP CRP	0.06 mm
No. of teeth Z	2
Cutting edge Ø D_c	12 mm
Feed f_z for side milling in graphite	0.1 mm
Feed f_z for copy milling in GRP CRP	0.09 mm

Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
Flute length L_c	10 mm
Radius R	6 mm
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
Shank	DIN 6535 HA with h6
Through-coolant	yes
Colour ring	black
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB