

Garant
PCD ball nose slot drill with internal cooling straight cut, PCD, Ø e8 DC: 16 mm

Order data

Order number	209655 16
GTIN	4045197513373
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 $\varnothing D_1$: 15 mm

Overall length L: 125 mm

Shank $\varnothing D_s$: 16 mm

Technical description

Overhang length L_1 incl. recess	35 mm
Recess $\varnothing D_1$	15 mm
Feed f_z for copy milling in graphite	0.15 mm
Cutting edge $\varnothing D_c$	16 mm
Feed f_z for copy milling in GRP CRP	0.1 mm
Feed f_z for side milling in graphite	0.11 mm
No. of teeth Z	2
Feed f_z for side milling in GRP CRP	0.07 mm

Shank $\varnothing D_s$	16 mm
Overall length L	125 mm
Flute length L_c	10 mm
Radius R	8 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 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB