

Garant
PCD slot drill with internal cooling dragging cut, PCD, Ø h10 DC: 12 mm

Order data

Order number	209615 12
GTIN	4045197478115
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**. **Axial angle positive. $\alpha = 4^\circ$.**

Dragging cut for standard applications.

Through-coolant: yes

Tolerance nominal \varnothing : h10

No. of teeth Z: 2

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA with h6

No. of teeth Z: 2

Flute length L_c : 20 mm

Overhang length L_1 incl. recess: 30 mm

Recess $\varnothing D_1$: 11 mm

Overall length L: 100 mm

Shank $\varnothing D_s$: 12 mm

Technical description

Overhang length L_1 incl. recess	30 mm
Feed f_z for slot milling in GRP CRP	0.08 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth Z	2
Recess $\varnothing D_1$	11 mm
Corner chamfer width at 45°	0.1 mm

Feed f_z for slot milling in graphite	0.14 mm
Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
Flute length L_c	20 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal \varnothing	h10
Corner chamfer angle	45 degrees
Coating	PCD
Tool material	PCD
Standard	Manufacturer's standard
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
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