

**Garant**
**PCD ball nose slot drill with internal cooling straight cut, PCD, Ø e8 DC: 4 mm**

**Order data**

Order number	209655 4
GTIN	4045197513311
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  $L_c$ : 2.5 mm

Overhang length  $L_1$  incl. recess: 15 mm

Recess Ø  $D_1$ : 3.8 mm

Overall length L: 60 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Feed $f_z$ for side milling in GRP CRP	0.03 mm
No. of teeth Z	2
Recess Ø $D_1$	3.8 mm
Cutting edge Ø $D_c$	4 mm
Feed $f_z$ for copy milling in GRP CRP	0.05 mm
Feed $f_z$ for copy milling in graphite	0.1 mm
Feed $f_z$ for side milling in graphite	0.06 mm
Overhang length $L_1$ incl. recess	15 mm
Shank Ø $D_s$	6 mm

Overall length L	60 mm
Flute length L <sub>c</sub>	2.5 mm
Radius R	2 mm
Coating	PCD
Tool material	PCD
Standard	Manufacturer's standard
Tolerance nominal Ø	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width a <sub>e</sub> for milling operation	0.05×D for copy milling
Cutting width a <sub>e</sub> 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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