

**Garant**
**Solid carbide ball nose slot drill, Diamond, Ø e8 DC: 8 mm**

**Order data**

Order number	209785 8
GTIN	4045197476159
Item class	11Y

**Description**
**Version:**

With the latest generation of **crystalline diamond coating sp<sup>3</sup>** for process reliability in machining **fibre-reinforced composites, CRP, GRP and graphite**. Taper transition **with 1°30' (angle α)**.

Tolerance: Radius contour = **±0.01 mm**.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L<sub>c</sub>: 7 mm

Overhang length L<sub>1</sub> incl. recess: 32 mm

Recess Ø D<sub>1</sub>: 7.8 mm

Overall length L: 120 mm

Shank Ø D<sub>s</sub>: 10 mm

**Technical description**

Overhang length L <sub>1</sub> incl. recess	32 mm
Ø D <sub>2</sub>	9.3 mm
Cutting edge Ø D <sub>c</sub>	8 mm
Recess Ø D <sub>1</sub>	7.8 mm
No. of teeth Z	2
Feed f <sub>z</sub> for copy milling in graphite	0.078 mm
L <sub>2</sub>	60 mm
Shank Ø D <sub>s</sub>	10 mm

Overall length L	120 mm
Flute length L <sub>c</sub>	7 mm
Helix angle	30 degrees
Radius R	4 mm
Coating	Diamond
Tool material	Solid carbide
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
Shank	DIN 6535 HA with h6
Through-coolant	no
Colour ring	black
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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