

**Garant**
**Solid carbide ball nose slot drill, Diamond, Ø e8 DC: 4 mm**

**Order data**

Order number	209785 4
GTIN	4045197476128
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  $\alpha$ )**.

Tolerance: Radius contour =  $\pm 0.01$  mm.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L<sub>c</sub>: 5 mm

Overhang length L<sub>1</sub> incl. recess: 16 mm

Recess Ø D<sub>1</sub>: 3.8 mm

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 6 mm

**Technical description**

Feed f <sub>z</sub> for copy milling in graphite	0.025 mm
No. of teeth Z	2
Overhang length L <sub>1</sub> incl. recess	16 mm
Cutting edge Ø D <sub>c</sub>	4 mm
Recess Ø D <sub>1</sub>	3.8 mm
L <sub>2</sub>	40 mm
Ø D <sub>2</sub>	5.1 mm
Shank Ø D <sub>s</sub>	6 mm

Overall length L	80 mm
Flute length L <sub>c</sub>	5 mm
Helix angle	30 degrees
Radius R	2 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
------------------------	-----------