

Garant
Solid carbide ball nose slot drill, Diamond, Ø f8 DC / DS: 1,8 mm

Order data

Order number	209776 1,8
GTIN	4045197544148
Item class	11Y

Description
Version:

With the latest generation of **crystalline diamond coating sp³**, for process reliability in machining **fibre-reinforced composites, CRP, GRP and graphite**. Double relief ground side clearance angle.

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

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c: 4 mm

Overhang length L₁ incl. recess: 7 mm

Recess Ø D₁: 1.74 mm

Overall length L: 50 mm

Shank Ø D_s: 3 mm

Technical description

Recess Ø D ₁	1.74 mm
No. of teeth Z	2
Feed f _z for side milling in graphite	0.022 mm
Feed f _z for copy milling in graphite	0.022 mm
Overhang length L ₁ incl. recess	7 mm
Cutting edge Ø D _c	1.8 mm
Shank Ø D _s	3 mm

Overall length L	50 mm
Flute length L _c	4 mm
Helix angle	30 degrees
Radius R	0.9 mm
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	f8
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	no
Colour ring	black
Type of product	End mill