

Garant
Solid carbide ball nose slot drill, Diamond, Ø e8 DC: 1,5 mm

Order data

Order number	209785 1,5
GTIN	4045197476098
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**. 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_c: 1.8 mm

Overhang length L₁ incl. recess: 3 mm

Recess Ø D₁: 1.45 mm

Overall length L: 75 mm

Shank Ø D_s: 3 mm

Technical description

Recess Ø D ₁	1.45 mm
Cutting edge Ø D _c	1.5 mm
Ø D ₂	2.7 mm
Overhang length L ₁ incl. recess	3 mm
L ₂	27 mm
Feed f _z for copy milling in graphite	0.007 mm
No. of teeth Z	2
Shank Ø D _s	3 mm

Overall length L	75 mm
Flute length L _c	1.8 mm
Helix angle	30 degrees
Radius R	0.75 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 _e 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