

Garant
Solid carbide ball nose slot drill, Diamond, Ø f8 DC / DS: 3/6 mm

Order data

Order number	209776 3/6
GTIN	4045197544209
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: 5 mm

Overhang length L₁ incl. recess: 9 mm

Recess Ø D₁: 2.9 mm

Overall length L: 54 mm

Shank Ø D_s: 6 mm

Technical description

Recess Ø D ₁	2.9 mm
Feed f _z for side milling in graphite	0.023 mm
No. of teeth Z	2
Cutting edge Ø D _c	3 mm
Overhang length L ₁ incl. recess	9 mm
Feed f _z for copy milling in graphite	0.023 mm
Shank Ø D _s	6 mm

Overall length L	54 mm
Flute length L_c	5 mm
Correction factor for v_c	1.25
Helix angle	30 degrees
Radius R	1.5 mm
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal \varnothing	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

Services

Shank grinding Type HB	129100 HB
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