

Garant
Solid carbide ball nose slot drill, Diamond, Ø f8 DC / DS: 1,5/6 mm

Order data

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|--------------|---------------|
| Order number | 209776 1,5/6 |
| GTIN | 4045197544117 |
| 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: 3 mm

Overhang length L₁ incl. recess: 5 mm

Recess Ø D₁: 1.44 mm

Overall length L: 54 mm

Shank Ø D_s: 6 mm

Technical description

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| Feed f _z for side milling in graphite | 0.011 mm |
| Feed f _z for copy milling in graphite | 0.011 mm |
| No. of teeth Z | 2 |
| Cutting edge Ø D _c | 1.5 mm |
| Recess Ø D ₁ | 1.44 mm |
| Overhang length L ₁ incl. recess | 5 mm |
| Shank Ø D _s | 6 mm |

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|--|----------------------------------|
| Overall length L | 54 mm |
| Flute length L _c | 3 mm |
| Helix angle | 30 degrees |
| Radius R | 0.75 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 |

Services

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|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
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