

Garant
PCD slot drill with internal cooling compacting cut, PCD, Ø h10 DC: 4 mm

Order data

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|--------------|---------------|
| Order number | 209620 4 |
| GTIN | 4045197513281 |
| Item class | 11Y |

Description
Version:

High performance PCD slot drill for the **highest demands in respect to material removal rates** when machining **GRP, CRP** and **graphite**. **Axial angle negative. $\alpha = -2^\circ$.**

Compacting cut.

The material is pushed down on to the substrate. Highly suitable for thin materials.

Through-coolant: yes

Tolerance nominal Ø: h10

No. of teeth Z: 2

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA with h6

No. of teeth Z: 2

Flute length L_c : 2.5 mm

Overhang length L_1 incl. recess: 15 mm

Recess Ø D_1 : 3.8 mm

Overall length L: 60 mm

Shank Ø D_s : 6 mm

Technical description

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|--|---------|
| Cutting edge Ø D_c | 4 mm |
| No. of teeth Z | 2 |
| Overhang length L_1 incl. recess | 15 mm |
| Feed f_z for slot milling in GRP CRP | 0.01 mm |
| Recess Ø D_1 | 3.8 mm |
| Corner chamfer width at 45° | 0.1 mm |

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|---|--------------------------------------|
| Feed f_z for slot milling in graphite | 0.07 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 60 mm |
| Flute length L_c | 2.5 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA with h6 |
| Tolerance nominal \varnothing | h10 |
| Corner chamfer angle | 45 degrees |
| Coating | PCD |
| Tool material | PCD |
| Standard | Manufacturer's standard |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Through-coolant | yes |
| Colour ring | black |
| Type of product | End mill |

Services

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