

**Garant**
**Solid carbide slot drill, Diamond, Ø h10 DC: 5 mm**

**Order data**

Order number	209711 5
GTIN	4045197512178
Item class	11Y

**Description**
**Version:**

With the latest generation of **crystalline diamond coating sp<sup>3</sup>**, for process reliability in machining **fibre-reinforced composites, CRP, GRP, and graphite.**

**Dynamic cutter geometry.**
**Relief ground with 2 hollow-ground chamfers.**

**High-precision** and **stable** version due to the 15° helix angle.

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 2

Helix angle: 15 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA with h6

No. of teeth Z: 2

Flute length L<sub>c</sub>: 13 mm

Overall length L: 57 mm

Shank Ø D<sub>s</sub>: 6 mm

Corner chamfer width at 45°: 0.1 mm

Feed f<sub>z</sub> for slot milling in GRP CRP: 0.03 mm

**Technical description**

No. of teeth Z	2
Cutting edge Ø D <sub>c</sub>	5 mm
Feed f <sub>z</sub> for slot milling in graphite	0.03 mm
Feed f <sub>z</sub> for slot milling in GRP CRP	0.03 mm

Corner chamfer width at 45°	0.1 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal $\varnothing$	h10
Helix angle	15 degrees
Corner chamfer angle	45 degrees
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Colour ring	black
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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