

## Garant

### Solid carbide slot drill, Diamond, Ø h10 DC: 12 mm



#### Order data

Order number	209711 12
GTIN	4045197512215
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>: 26 mm

Overall length L: 83 mm

Shank Ø D<sub>s</sub>: 12 mm

Corner chamfer width at 45°: 0.2 mm

Feed f<sub>z</sub> for slot milling in GRP CRP: 0.06 mm

#### Technical description

Cutting edge Ø D <sub>c</sub>	12 mm
Feed f <sub>z</sub> for slot milling in graphite	0.06 mm
Corner chamfer width at 45°	0.2 mm
No. of teeth Z	2

Feed $f_z$ for slot milling in GRP CRP	0.06 mm
Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length $L_c$	26 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 $1 \times D$
Through-coolant	no
Colour ring	black
Type of product	End mill

### Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB