

Garant
Solid carbide slot drill, Diamond, Ø h10 DC: 20 mm

Order data

Order number	209711 20
GTIN	4045197512239
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.**

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_c: 38 mm

Overall length L: 104 mm

Shank Ø D_s: 20 mm

Corner chamfer width at 45°: 0.2 mm

Feed f_z for slot milling in GRP CRP: 0.08 mm

Technical description

No. of teeth Z	2
Corner chamfer width at 45°	0.2 mm
Feed f _z for slot milling in GRP CRP	0.08 mm
Feed f _z for slot milling in graphite	0.08 mm

Cutting edge $\varnothing D_c$	20 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length L_c	38 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 20 mm	SZ2025 20
Shank grinding Type HB	129100 HB