



Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø m7: 1,9 mm



Order data

Order number	122514 1,9
GTIN	4045197673190
Item class	10N

Description

Version:

With the latest generation of **crystalline diamond coating sp³**, for process reliability in machining **fibre-reinforced composites, CRP, GRP, and graphite. With 90° point angle** and special geometry to **avoid delamination.**

With guide chamfer for materials with **multi-directional** fibre orientation.

Recommendation:

Maximum drilling depth:

Flute length (see table) less 1.5xnominal Ø.

Note:

Available in **1/100 sizes** and according to the table.

Through-coolant: no

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Ø range (1/100 size): 1.81 - 1.99 mm

Flute length: 13.5 mm

Overall length L_{tot}: 50 mm

Shank Ø: 4 mm

Feed f in GRP CRP: 0.03 mm/rev.

Technical description

Flute length	13.5 mm
Shank tolerance	h6
Feed f in GRP CRP	0.03 mm/rev.
Number of cutting edges Z	2

Ø range (1/100 size)	1.81 - 1.99 mm
Nominal Ø	1.81 - 1.99 mm
Tolerance nominal Ø	m7
Shank Ø	4 mm
Overall length L _{tot}	50 mm
recommended maximum drilling depth	10.7 mm
Coating	Diamond
Tool material	Solid carbide
Norm	Manufacturer's standard
Drill depth up to	5×D
Point angle	90 degrees
Skaft	DIN 6535 HA to h6
Through-coolant	no
Colour ring	black