



Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø m7: 2,1 mm



Order data

Order number	122514 2,1
GTIN	4045197673206
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): 2.01 - 2.1 mm

Flute length: 14.5 mm

Overall length L_{tot}: 55 mm

Shank Ø: 4 mm

Feed f in GRP CRP: 0.04 mm/rev.

Technical description

Nominal Ø	2.01 - 2.1 mm
Feed f in GRP CRP	0.04 mm/rev.
Flute length	14.5 mm
Shank tolerance	h6

Ø range (1/100 size)	2.01 - 2.1 mm
Number of cutting edges Z	2
Tolerance nominal Ø	m7
Shank Ø	4 mm
Overall length L _{tot}	55 mm
recommended maximum drilling depth	11.4 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