



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



### Order data

Order number	122514 1,1
GTIN	4045197673121
Item class	10N

### 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. 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): 1.01 - 1.1 mm

Flute length: 7.5 mm

Overall length L<sub>tot</sub>: 45 mm

Shank Ø: 4 mm

Feed f in GRP CRP: 0.02 mm/rev.

### Technical description

Flute length	7.5 mm
Shank tolerance	h6
Number of cutting edges Z	2
Ø range (1/100 size)	1.01 - 1.1 mm

Feed f in GRP CRP	0.02 mm/rev.
Nominal Ø	1.01 - 1.1 mm
Tolerance nominal Ø	m7
Shank Ø	4 mm
Overall length L <sub>tot</sub>	45 mm
recommended maximum drilling depth	5.9 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