

## Garant

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



#### Order data

Order number	122512 2,1
GTIN	4062406348960
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. 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 1.5×nominal Ø.

##### Note:

Flute length  $L_c = L_2 + 1.5 \times D_c$ .

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

recommended maximum drilling depth  $L_2$ : 11.4 mm

Overall length L: 55 mm

Shank Ø  $D_s$ : 4 mm

Feed f in GRP CRP: 0.04 mm/rev.

#### Technical description

Tolerance nominal Ø	m7
Shank tolerance	h6
Overall length L	55 mm

Ø range (1/100 size)	2.01 - 2.1 mm
recommended maximum drilling depth L <sub>2</sub>	11.4 mm
Number of cutting edges Z	2
Nominal Ø D <sub>c</sub>	2.1 mm
Shank Ø D <sub>s</sub>	4 mm
Flute length L <sub>c</sub>	14.5 mm
Feed f in GRP CRP	0.04 mm/rev.
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Drill depth up to	5×D
Point angle	90 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	black
Type of product	Jobber drill