

## Garant

### Solid carbide drill plain shank unidirectional DIN 6535 HA, Diamond, Ø DC m7: 5,5 mm



#### Order data

Order number	122522 5,5
GTIN	4062406349127
Item class	11Y

#### Description

##### IMPORTANT: item is configurable

##### 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 cutting guide chamfer** to avoid delamination, projecting fibres, and burr formation on materials with **uni-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.

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Ø range (1/100 size): 5.01 - 5.99 mm

recommended maximum drilling depth  $L_2$ : 35.8 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

Feed f in GRP CRP: 0.11 mm/rev.

#### Technical description

Shank Ø $D_s$	6 mm
Number of cutting edges Z	2

Feed f in GRP CRP	0.11 mm/rev.
recommended maximum drilling depth L <sub>2</sub>	35.8 mm
Overall length L	82 mm
Nominal Ø D <sub>c</sub>	5.5 mm
Flute length L <sub>c</sub>	44 mm
Tolerance nominal Ø	m7
Shank tolerance	h6
Ø range (1/100 size)	5.01 - 5.99 mm
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