

## Garant

**Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø DC m7: 5,5 mm**



### Order data

Order number	122512 5,5
GTIN	4062406349035
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): 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

Overall length L	82 mm
Tolerance nominal Ø	m7
Ø range (1/100 size)	5.01 - 5.99 mm

Nominal $\varnothing D_c$	5.5 mm
Feed f in GRP CRP	0.11 mm/rev.
Number of cutting edges Z	2
Shank $\varnothing D_s$	6 mm
recommended maximum drilling depth $L_2$	35.8 mm
Flute length $L_c$	44 mm
Shank tolerance	h6
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Drill depth up to	5xD
Point angle	90 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	black
Type of product	Jobber drill