

## Garant

### Solid carbide drill plain shank unidirectional DIN 6535 HA, Diamond, Ø DC m7: 11,5 mm



#### Order data

Order number	122522 11,5
GTIN	4062406349172
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 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.

Through-coolant: no

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Ø range (1/100 size): 11.01 - 11.99 mm

recommended maximum drilling depth  $L_2$ : 53.8 mm

Overall length L: 118 mm

Shank Ø  $D_s$ : 12 mm

Feed f in GRP CRP: 0.19 mm/rev.

#### Technical description

Tolerance nominal Ø	m7
recommended maximum drilling depth $L_2$	53.8 mm

Shank tolerance	h6
Nominal $\varnothing D_c$	11.5 mm
Flute length $L_c$	71 mm
Number of cutting edges Z	2
Feed f in GRP CRP	0.19 mm/rev.
Shank $\varnothing D_s$	12 mm
$\varnothing$ range (1/100 size)	11.01 - 11.99 mm
Overall length L	118 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