

## Garant

### Solid carbide drill plain shank unidirectional DIN 6535 HA, Diamond, Ø DC m7: 2,7 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 122522 2,7    |
| GTIN         | 4062406349097 |
| 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): 2.51 - 2.99 mm

recommended maximum drilling depth  $L_2$ : 20 mm

Overall length L: 66 mm

Shank Ø  $D_s$ : 6 mm

Feed f in GRP CRP: 0.04 mm/rev.

#### Technical description

|  |       |
|--|-------|
| recommended maximum drilling depth $L_2$ | 20 mm |
| Shank Ø $D_s$                            | 6 mm  |

|                             |                         |
|-----------------------------|-------------------------|
| Overall length L            | 66 mm                   |
| Feed f in GRP CRP           | 0.04 mm/rev.            |
| Flute length L <sub>c</sub> | 24 mm                   |
| Ø range (1/100 size)        | 2.51 - 2.99 mm          |
| Nominal Ø D <sub>c</sub>    | 2.7 mm                  |
| Shank tolerance             | h6                      |
| Number of cutting edges Z   | 2                       |
| Tolerance nominal Ø         | m7                      |
| 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            |