

## Garant

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



#### Order data

|              |               |
|--------------|---------------|
| Order number | 122512 2      |
| GTIN         | 4045197654236 |
| 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

recommended maximum drilling depth  $L_2$ : 11 mm

Overall length L: 50 mm

Shank Ø  $D_s$ : 4 mm

Feed f in GRP CRP: 0.04 mm/rev.

#### Technical description

|                           |              |
|---------------------------|--------------|
| Feed f in GRP CRP         | 0.04 mm/rev. |
| Shank tolerance           | h6           |
| Nominal Ø $D_c$           | 2 mm         |
| Number of cutting edges Z | 2            |

|  |                         |
|--|-------------------------|
| Flute length $L_c$                       | 14 mm                   |
| Tolerance nominal $\varnothing$          | m7                      |
| Shank $\varnothing D_s$                  | 4 mm                    |
| Overall length L                         | 50 mm                   |
| recommended maximum drilling depth $L_2$ | 11 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            |