



## Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø m7: 11,1-11,9 mm



### Order data

|              |                  |
|--------------|------------------|
| Order number | 122514 11,1-11,9 |
| GTIN         | 4045197478870    |
| Item class   | 10N              |

### 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 1.5xnominal Ø.

#### Note:

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

Flute length: 71 mm

Overall length L<sub>tot</sub>: 118 mm

Shank Ø: 12 mm

Feed f in GRP CRP: 0.19 mm/rev.

### Technical description

|                           |                  |
|---------------------------|------------------|
| Number of cutting edges Z | 2                |
| Flute length              | 71 mm            |
| Nominal Ø                 | 11.01 - 11.99 mm |
| Ø range (1/100 size)      | 11.01 - 11.99 mm |

|                                 |                         |
|---------------------------------|-------------------------|
| Feed f in GRP CRP               | 0.19 mm/rev.            |
| Shank tolerance                 | h6                      |
| Tolerance nominal Ø             | m7                      |
| Shank Ø                         | 12 mm                   |
| Overall length L <sub>tot</sub> | 118 mm                  |
| Coating                         | Diamond                 |
| Tool material                   | Solid carbide           |
| Norm                            | Manufacturer's standard |
| Drill depth up to               | 5×D                     |
| Point angle                     | 90 degrees              |
| Skaft                           | DIN 6535 HA to h6       |
| Through-coolant                 | no                      |
| Colour ring                     | black                   |