



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



### Order data

Order number	122534 11,1-11,9
GTIN	4045197510778
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.**

Under optimum conditions of use, the **double flute face** can generate high precision holes (**roundness < 15 µm to base tolerance IT 7**). Low heat generation due to **internal cooling** permits **higher speeds and feeds.**

#### Recommendation:

##### Maximum drilling depth:

Flute length (see table) less 1.5×nominal Ø.

##### Note:

Available in **1/100 sizes** and according to the table.

Through-coolant: yes, with 25 bar

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

Feed f in GRP CRP	0.19 mm/rev.
Nominal Ø	11.01 - 11.99 mm
Number of cutting edges Z	2

Flute length	71 mm
Shank tolerance	h6
Ø range (1/100 size)	11.01 - 11.99 mm
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	yes, with 25 bar
Colour ring	black