



## Solid carbide drill plain shank unidirectional DIN 6535 HA, Diamond, Ø m7: 5,1-5,9 mm



### Order data

Order number	122524 5,1-5,9
GTIN	4045197478900
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 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:

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): 5.01 - 5.99 mm

Flute length: 44 mm

Overall length L<sub>tot</sub>: 82 mm

Shank Ø: 6 mm

Feed f in GRP CRP: 0.11 mm/rev.

### Technical description

Nominal Ø	5.01 - 5.99 mm
Feed f in GRP CRP	0.11 mm/rev.
Ø range (1/100 size)	5.01 - 5.99 mm

Number of cutting edges Z	2
Flute length	44 mm
Shank tolerance	h6
Tolerance nominal $\varnothing$	m7
Shank $\varnothing$	6 mm
Overall length $L_{tot}$	82 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