

## Garant

### Solid carbide drill plain shank multi-directional fibre orientation DIN 6535 HA, Diamond, Ø DC m7: 8,5 mm



#### Order data

Order number	122512 8,5
GTIN	4062406349059
Item class	11Y

#### Description

##### IMPORTANT: item is configurable

Ø range (1/100 size): 8.01 - 8.99 mm, Intervall: 0,010

Nominal Ø D<sub>C</sub>: 8.5 mm

##### 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

Ø range (1/100 size): 8.01 - 8.99 mm

recommended maximum drilling depth L<sub>2</sub>: 48.3 mm

Overall length L: 103 mm

Shank Ø D<sub>s</sub>: 10 mm

Feed f in GRP CRP: 0.15 mm/rev.

#### Technical description

Flute length L <sub>c</sub>	61 mm
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Shank $\varnothing D_s$	10 mm
Feed f in GRP CRP	0.15 mm/rev.
recommended maximum drilling depth $L_2$	48.3 mm
$\varnothing$ range (1/100 size)	8.01 - 8.99 mm
Tolerance nominal $\varnothing$	m7
Overall length L	103 mm
Shank tolerance	h6
Nominal $\varnothing D_c$	8.5 mm
Number of cutting edges Z	2
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