

Garant
**Solid carbide drill plain shank multi-directional fibre orientation DIN 6535
HA, Diamond, Ø DC m7: 1 mm**

Order data

Order number	122512 1
GTIN	4045197654212
Item class	11Y

Description
Version:

With the latest generation of **crystalline diamond coating sp^3** , 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 : 5.5 mm

Overall length L: 45 mm

Shank Ø D_s : 4 mm

Feed f in GRP CRP: 0.02 mm/rev.

Technical description

Nominal Ø D_c	1 mm
Feed f in GRP CRP	0.02 mm/rev.
Number of cutting edges Z	2
Shank tolerance	h6

Flute length L_c	7 mm
Tolerance nominal \varnothing	m7
Shank $\varnothing D_s$	4 mm
Overall length L	45 mm
recommended maximum drilling depth L_2	5.5 mm
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Drill depth up to	5xD
Point angle	90 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	black
Type of product	Jobber drill