

Garant

Solid carbide drill plain shank uni-directional fibre orientation DIN 6535 HA, Diamond, Ø DC m7: 4 mm



Order data

Order number	122522 4
GTIN	4045197465863
Item class	11Y

Description

Version:

With the latest generation of **crystalline diamond coating sp³**, 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:

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 : 30 mm

Overall length L: 74 mm

Shank Ø D_s : 6 mm

Feed f in GRP CRP: 0.06 mm/rev.

Technical description

Nominal Ø D_c	4 mm
Shank tolerance	h6
Number of cutting edges Z	2

Feed f in GRP CRP	0.06 mm/rev.
Flute length L _c	36 mm
Tolerance nominal Ø	m7
Shank Ø D _s	6 mm
Overall length L	74 mm
recommended maximum drilling depth L ₂	30 mm
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