

Garant

Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø DC m7: 1,8 mm



Order data

Order number	122512 1,8
GTIN	4062406348946
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 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): 1.71 - 1.8 mm

recommended maximum drilling depth L_2 : 9.8 mm

Overall length L: 50 mm

Shank Ø D_s : 4 mm

Feed f in GRP CRP: 0.03 mm/rev.

Technical description

Number of cutting edges Z	2
Flute length L_c	12.5 mm
Nominal Ø D_c	1.8 mm

Feed f in GRP CRP	0.03 mm/rev.
Shank $\varnothing D_s$	4 mm
Tolerance nominal \varnothing	m7
\varnothing range (1/100 size)	1.71 - 1.8 mm
Overall length L	50 mm
Shank tolerance	h6
recommended maximum drilling depth L_2	9.8 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