

Garant

Solid carbide drill plain shank multi-directional fibre orientation DIN 6535 HA, Diamond, Ø DC m7: 3,5 mm



Order data

Order number	122512 3,5
GTIN	4062406349011
Item class	11Y

Description

IMPORTANT: item is configurable

Ø range (1/100 size): 3.01 - 3.99 mm, Intervall: 0,010

Nominal Ø D_C: 3.5 mm

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): 3.01 - 3.99 mm

recommended maximum drilling depth L₂: 22.8 mm

Overall length L: 66 mm

Shank Ø D_s: 6 mm

Feed f in GRP CRP: 0.06 mm/rev.

Technical description

Number of cutting edges Z	2
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recommended maximum drilling depth L_2	22.8 mm
Ø range (1/100 size)	3.01 - 3.99 mm
Tolerance nominal Ø	m7
Feed f in GRP CRP	0.06 mm/rev.
Overall length L	66 mm
Flute length L_c	28 mm
Shank tolerance	h6
Nominal Ø D_c	3.5 mm
Shank Ø D_s	6 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