

Garant

Solid carbide drill plain shank unidirectional DIN 6535 HA, Diamond, Ø DC m7: 3,5 mm



Order data

Order number	122522 3,5
GTIN	4062406349103
Item class	11Y

Description

IMPORTANT: item is configurable

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.

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Ø range (1/100 size): 3.01 - 3.99 mm

recommended maximum drilling depth L_2 : 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

Feed f in GRP CRP	0.06 mm/rev.
Shank tolerance	h6

Shank $\varnothing D_s$	6 mm
Overall length L	66 mm
Number of cutting edges Z	2
Tolerance nominal \varnothing	m7
Nominal $\varnothing D_c$	3.5 mm
recommended maximum drilling depth L_2	22.8 mm
\varnothing range (1/100 size)	3.01 - 3.99 mm
Flute length L_c	28 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