

Garant

Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø DC m7: 1,4 mm



Order data

Order number	122512 1,4
GTIN	4062406348915
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 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.

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Ø range (1/100 size): 1.31 - 1.49 mm

recommended maximum drilling depth L_2 : 7.9 mm

Overall length L: 45 mm

Shank Ø D_s : 4 mm

Feed f in GRP CRP: 0.02 mm/rev.

Technical description

Feed f in GRP CRP	0.02 mm/rev.
Number of cutting edges Z	2
Overall length L	45 mm

Shank tolerance	h6
recommended maximum drilling depth L ₂	7.9 mm
Ø range (1/100 size)	1.31 - 1.49 mm
Nominal Ø D _c	1.4 mm
Tolerance nominal Ø	m7
Flute length L _c	10 mm
Shank Ø D _s	4 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