



Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø m7: 4,1-4,9 mm



Order data

Order number	122514 4,1-4,9
GTIN	4045197478818
Item class	10N

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 1.5xnominal Ø.

Note:

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): 4.01 - 4.99 mm

Flute length: 36 mm

Overall length L_{tot}: 74 mm

Shank Ø: 6 mm

Feed f in GRP CRP: 0.06 mm/rev.

Technical description

Feed f in GRP CRP	0.06 mm/rev.
Ø range (1/100 size)	4.01 - 4.99 mm
Nominal Ø	4.01 - 4.99 mm
Shank tolerance	h6

Number of cutting edges Z	2
Flute length	36 mm
Tolerance nominal \varnothing	m7
Shank \varnothing	6 mm
Overall length L_{tot}	74 mm
Coating	Diamond
Tool material	Solid carbide
Norm	Manufacturer's standard
Drill depth up to	5xD
Point angle	90 degrees
Skaft	DIN 6535 HA to h6
Through-coolant	no
Colour ring	black