



Solid carbide drill IC plain shank unidirectional DIN 6535 HA, Diamond, Ø m7: 10,1-10,9 mm



Order data

Order number	122534 10,1-10,9
GTIN	4045197510761
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.**

Under optimum conditions of use, the **double flute face** can generate high precision holes (**roundness < 15 µm to base tolerance IT 7**). Low heat generation due to **internal cooling** permits **higher speeds and feeds.**

Recommendation:

Maximum drilling depth:

Flute length (see table) less 1.5×nominal Ø.

Note:

Available in **1/100 sizes** and according to the table.

Through-coolant: yes, with 25 bar

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Ø range (1/100 size): 10.01 - 10.99 mm

Flute length: 71 mm

Overall length L_{tot}: 118 mm

Shank Ø: 12 mm

Feed f in GRP CRP: 0.19 mm/rev.

Technical description

Shank tolerance	h6
Flute length	71 mm
Feed f in GRP CRP	0.19 mm/rev.

Nominal Ø	10.01 - 10.99 mm
Number of cutting edges Z	2
Ø range (1/100 size)	10.01 - 10.99 mm
Tolerance nominal Ø	m7
Shank Ø	12 mm
Overall length L _{tot}	118 mm
Coating	Diamond
Tool material	Solid carbide
Norm	Manufacturer's standard
Drill depth up to	5×D
Point angle	90 degrees
Skaft	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Colour ring	black