

**Garant**

**Solid carbide drill plain shank multi-directional DIN 6535 HA, Diamond, Ø DC m7: 7 mm**


**Order data**

Order number	122512 7
GTIN	4062406349042
Item class	11Y

**Description**
**Version:**

With the latest generation of **crystalline diamond coating sp<sup>3</sup>**, 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): 6.01 - 7.99 mm

recommended maximum drilling depth  $L_2$ : 42.5 mm

Overall length L: 91 mm

Shank Ø  $D_s$ : 8 mm

Feed f in GRP CRP: 0.11 mm/rev.

**Technical description**

Shank tolerance	h6
recommended maximum drilling depth $L_2$	42.5 mm
Overall length L	91 mm

Ø range (1/100 size)	6.01 - 7.99 mm
Feed f in GRP CRP	0.11 mm/rev.
Shank Ø D <sub>s</sub>	8 mm
Tolerance nominal Ø	m7
Nominal Ø D <sub>c</sub>	7 mm
Flute length L <sub>c</sub>	53 mm
Number of cutting edges Z	2
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