

Garant

Solid carbide drill plain shank uni-directional fibre orientation DIN 6535 HA, Diamond, Ø DC m7: 7 mm



Order data

| | |
|--------------|---------------|
| Order number | 122522 7 |
| GTIN | 4062406349134 |
| Item class | 11Y |

Description

IMPORTANT: item is configurable

Nominal Ø D_c: 7 mm

Ø range (1/100 size): 6.01 - 7.99 mm, Intervall: 0,010

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.

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 L₂: 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

| | |
|--|-------------------------|
| Nominal $\varnothing D_c$ | 7 mm |
| Tolerance nominal \varnothing | m7 |
| Shank tolerance | h6 |
| \varnothing range (1/100 size) | 6.01 - 7.99 mm |
| Feed f in GRP CRP | 0.11 mm/rev. |
| Overall length L | 91 mm |
| Shank $\varnothing D_s$ | 8 mm |
| Number of cutting edges Z | 2 |
| recommended maximum drilling depth L_2 | 42.5 mm |
| Flute length L_c | 53 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 |