

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 5,1 mm



Order data

| | |
|--------------|---------------|
| Order number | 123115 5,1 |
| GTIN | 4045197401687 |
| Item class | 11E |

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**.

Particularly high alignment accuracy due to **4 guide chamfers** which stabilise the drill even at extreme depths!

Straight major cutting edges with honed edges and special flute profile for **short chips**, even on long chipping materials.

Advantage:

High process reliability and surface quality of the hole.

Recommendation:

Maximum drilling depth:

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

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 54.4 mm

Overall length L: 100 mm

Shank Ø D_s : 6 mm

Feed f in stainless steel < 900 N/mm²: 0.12 mm/rev.

Technical description

| | |
|---|--------------|
| Feed f in stainless steel < 900 N/mm ² | 0.12 mm/rev. |
| Shank tolerance | h6 |

| | |
|--|-------------------------|
| Flute length L_c | 62 mm |
| Nominal $\varnothing D_c$ | 5.1 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 100 mm |
| Standard | Manufacturer's standard |
| recommended maximum drilling depth L_2 | 54.4 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 10xD |
| Point angle | 135 degrees |
| Cutting direction | right-hand |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | blue |
| Type of product | Jobber drill |