

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 5,2 mm

Order data

| | |
|--------------|---------------|
| Order number | 123102 5,2 |
| GTIN | 4045197458391 |
| 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!

Convex 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:

clamping slot length (see table) less 1.5×nominal Ø.

Note:

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

NEW GENERATION AVAILABLE!

Recommended successor products are No. 123026 and 123036.

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 49.2 mm

Overall length L: 95 mm

Shank Ø D_s : 6 mm

Feed f in steel < 1100 N/mm²: 0.1 mm/rev.

Technical description

| | |
|--|-------------|
| Feed f in steel < 1100 N/mm ² | 0.1 mm/rev. |
|--|-------------|

| | |
|--|-------------------------|
| Number of cutting edges Z | 2 |
| Nominal $\varnothing D_c$ | 5.2 mm |
| Flute length L_c | 57 mm |
| Shank tolerance | h6 |
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 95 mm |
| Standard | Manufacturer's standard |
| recommended maximum drilling depth L_2 | 49.2 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 8×D |
| 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 | green |
| Type of product | Jobber drill |