

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 12,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 123102 12,5 |
| GTIN | 4045197458858 |
| 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 $1.5 \times \text{nominal } \varnothing$.

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 \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 112.3 mm

Overall length L: 178 mm

Shank $\varnothing D_s$: 14 mm

Feed f in steel $< 1100 \text{ N/mm}^2$: 0.26 mm/rev.

Technical description

| | |
|---------------------------|---------|
| Nominal $\varnothing D_c$ | 12.5 mm |
|---------------------------|---------|

| | |
|---|-------------------------|
| Shank tolerance | h6 |
| Feed f in steel < 1100 N/mm ² | 0.26 mm/rev. |
| Number of cutting edges Z | 2 |
| Flute length L _c | 131 mm |
| Tolerance nominal Ø | h7 |
| Shank Ø D _s | 14 mm |
| Overall length L | 178 mm |
| Standard | Manufacturer's standard |
| recommended maximum drilling depth L ₂ | 112.3 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 |