

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7 (mm or inch): 1,1 mm or inch



Order data

| | |
|--------------|---------------|
| Order number | 122371 1,1 |
| GTIN | 4045197968791 |
| Item class | 11E |

Description

Version:

Cutting chisel edge with **high centring accuracy** due to strong core and special point geometry. **Convex major cutting edges** with **defined honed edge** ensure the drill has high stability and maximum load capacity.

Special multi-nano layer coating for drilling in hardened steels.

Recommendation:

Maximum drilling depth:

flute length (see table) less $1.5 \times \text{nominal } \varnothing$.

Note:

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122362 / 122372**.

Form **HE**: order with **No. 122361 / 122371 + 129100HE**.

Standard: DIN 6537 K

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 5.4 mm

Overall length L: 45 mm

Shank $\varnothing D_s$: 4 mm

Feed f in steel < 60 HRC: 0.01 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Number of cutting edges Z | 2 |
| Nominal $\varnothing D_c$ | 1.1 mm |

| | |
|--|-------------------|
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 4 mm |
| Feed f in steel < 60 HRC | 0.01 mm/rev. |
| Flute length L_c | 7 mm |
| Overall length L | 45 mm |
| recommended maximum drilling depth L_2 | 5.4 mm |
| Standard | DIN 6537 K |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 4xD |
| Type | H |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | red |
| Type of product | Jobber drill |