

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 6 mm or inch



Order data

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|--------------|---------------|
| Order number | 122371 6 |
| GTIN | 4045197969118 |
| 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

Semi-Standard: yes

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 19 mm

Overall length L: 66 mm

Shank $\varnothing D_s$: 6 mm

Feed f in steel < 60 HRC: 0.055 mm/rev.

Technical description

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|---------------------------------|----|
| Tolerance nominal \varnothing | h7 |
|---------------------------------|----|

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|--|-------------------|
| recommended maximum drilling depth L_2 | 19 mm |
| Flute length L_c | 28 mm |
| Feed f in steel < 60 HRC | 0.055 mm/rev. |
| Standard | DIN 6537 K |
| Nominal $\varnothing D_c$ | 6 mm |
| Overall length L | 66 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Number of cutting edges Z | 2 |
| Semi-Standard | yes |
| 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 |
| Colour ring | red |
| Type of product | Jobber drill |

Services

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|------------------------|-----------|
| Shank grinding Type HE | 129100 HE |
|------------------------|-----------|