

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 4,8 mm



Order data

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|--------------|---------------|
| Order number | 122641 4,8 |
| GTIN | 4045197969446 |
| 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×nominal Ø.

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. 122642 / 122652**.

Form **HE**: order with **No. 122641 / 122651 + 129100HE**.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 36.8 mm

Overall length L: 82 mm

Shank Ø D_s : 6 mm

Feed f in steel < 60 HRC: 0.07 mm/rev.

Technical description

| | |
|---------------------------|----------|
| Number of cutting edges Z | 2 |
| Standard | DIN 6537 |

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|--|-------------------|
| Shank $\varnothing D_s$ | 6 mm |
| recommended maximum drilling depth L_2 | 36.8 mm |
| Nominal $\varnothing D_c$ | 4.8 mm |
| Overall length L | 82 mm |
| Tolerance nominal \varnothing | h7 |
| Feed f in steel < 60 HRC | 0.07 mm/rev. |
| Flute length L_c | 44 mm |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6xD |
| Type | H |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | red |
| Type of product | Jobber drill |

Services

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