

Garant

Diabolo solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 11,8 mm



Order data

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|--------------|---------------|
| Order number | 122642 11,8 |
| GTIN | 4045197972095 |
| 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 $L_c = L_2 + 1.5 \times D_c$.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 53.3 mm

Overall length L: 118 mm

Shank Ø D_s : 12 mm

Feed f in steel < 60 HRC: 0.11 mm/rev.

Technical description

| | |
|---------------------------|----------|
| Number of cutting edges Z | 2 |
| Standard | DIN 6537 |
| Overall length L | 118 mm |
| Nominal Ø D_c | 11.8 mm |

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|--|-------------------|
| Shank $\varnothing D_s$ | 12 mm |
| Tolerance nominal \varnothing | h7 |
| Flute length L_c | 71 mm |
| recommended maximum drilling depth L_2 | 53.3 mm |
| Feed f in steel < 60 HRC | 0.11 mm/rev. |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6xD |
| Type | H |
| Point angle | 140 degrees |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | red |
| Type of product | Jobber drill |