

Garant

Diabolo solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 14,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 122652 14,5 |
| GTIN | 4045197972774 |
| 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

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 61.3 mm

Overall length L: 133 mm

Shank Ø D_s : 16 mm

Feed f in steel < 1100 N/mm²: 0.32 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Overall length L | 133 mm |
| Number of cutting edges Z | 2 |
| Flute length L_c | 83 mm |

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|--|-------------------|
| Nominal $\varnothing D_c$ | 14.5 mm |
| Standard | DIN 6537 |
| Tolerance nominal \varnothing | h7 |
| recommended maximum drilling depth L_2 | 61.3 mm |
| Shank $\varnothing D_s$ | 16 mm |
| Feed f in steel < 1100 N/mm ² | 0.32 mm/rev. |
| Semi-Standard | yes |
| Series | Diabolo |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6×D |
| Type | H |
| Point angle | 140 degrees |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | red |
| Type of product | Jobber drill |