

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

**Order data**

|              |               |
|--------------|---------------|
| Order number | 122362 8      |
| GTIN         | 4045197971074 |
| 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.

**Note:**

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

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 29 mm

Overall length L: 79 mm

Shank Ø  $D_s$ : 8 mm

Feed f in steel < 60 HRC: 0.09 mm/rev.

**Technical description**

|                           |              |
|---------------------------|--------------|
| Standard                  | DIN 6537 K   |
| Number of cutting edges Z | 2            |
| Flute length $L_c$        | 41 mm        |
| Tolerance nominal Ø       | h7           |
| Feed f in steel < 60 HRC  | 0.09 mm/rev. |
| Nominal Ø $D_c$           | 8 mm         |

|   |                   |
|---|-------------------|
| recommended maximum drilling depth L <sub>2</sub> | 29 mm             |
| Shank Ø D <sub>s</sub>                            | 8 mm              |
| Overall length L                                  | 79 mm             |
| Series  | Diabolo           |
| Coating   | TiAlN             |
| Tool material                                     | Solid carbide     |
| Drill depth up to                                 | 4×D               |
| 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      |