

## Garant

**Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7 (mm or inch): 3 mm or inch**



### Order data

|              |               |
|--------------|---------------|
| Order number | 122361 3      |
| GTIN         | 4045197968043 |
| 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  $L_c = L_2 + 1.5 \times D_c$ .

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 Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 15.5 mm

Overall length L: 62 mm

Shank Ø  $D_s$ : 6 mm

Feed f in steel < 60 HRC: 0.05 mm/rev.

### Technical description

|                    |            |
|--------------------|------------|
| Shank Ø $D_s$      | 6 mm       |
| Standard           | DIN 6537 K |
| Nominal Ø $D_c$    | 3 mm       |
| Flute length $L_c$ | 20 mm      |

|   |                   |
|---|-------------------|
| Feed f in steel < 60 HRC                          | 0.05 mm/rev.      |
| Overall length L                                  | 62 mm             |
| Tolerance nominal $\varnothing$                   | h7                |
| Number of cutting edges Z                         | 2                 |
| recommended maximum drilling depth L <sub>2</sub> | 15.5 mm           |
| 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                                   | no                |
| Machining strategy                                | HPC               |
| Semi-Standard                                     | yes               |
| Colour ring                                       | red               |
| Type of product                                   | Jobber drill      |

## Services

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