

## Garant

### Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 7,5 mm or inch



#### Order data

|              |               |
|--------------|---------------|
| Order number | 122361 7,5    |
| GTIN         | 4045197968432 |
| 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

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 29.8 mm

Overall length L: 79 mm

Shank Ø  $D_s$ : 8 mm

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

#### Technical description

|  |         |
|--|---------|
| Tolerance nominal Ø                      | h7      |
| recommended maximum drilling depth $L_2$ | 29.8 mm |
| Number of cutting edges Z                | 2       |

|                           |                   |
|---------------------------|-------------------|
| Standard                  | DIN 6537 K        |
| Overall length L          | 79 mm             |
| Shank $\varnothing D_s$   | 8 mm              |
| Nominal $\varnothing D_c$ | 7.5 mm            |
| Flute length $L_c$        | 41 mm             |
| Feed f in steel < 60 HRC  | 0.09 mm/rev.      |
| Semi-Standard             | yes               |
| 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               |
| Colour ring               | red               |
| Type of product           | Jobber drill      |

## Services

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