

## Garant

### Solid carbide HPC drill type FS plain shank DIN 6535 HA, TiAlN, Ø DC h7: 4,3 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 122670 4,3    |
| GTIN         | 4045197056344 |
| Item class   | 11E           |

#### Description

##### Version:

**Particularly strong** due to strengthened core and **special profile**. Special point geometry.  
**High concentricity** and **long tool life**.

**High bore quality**.

##### Recommendation:

##### Maximum drilling depth:

flute length (see table) less  $1.5 \times \text{nominal } \varnothing$ .

##### 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. 122675**.

Form **HE**: order with **No. 122670 + 129100HE**.

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 37.6 mm

Overall length L: 82 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in titanium  $> 850 \text{ N/mm}^2$ : 0.04 mm/rev.

#### Technical description

|   |              |
|---|--------------|
| Feed f in titanium $> 850 \text{ N/mm}^2$ | 0.04 mm/rev. |
| Flute length $L_c$                        | 44 mm        |

|  |                   |
|--|-------------------|
| Number of cutting edges Z                | 2                 |
| Nominal $\varnothing D_c$                | 4.3 mm            |
| Shank tolerance                          | h6                |
| Tolerance nominal $\varnothing$          | h7                |
| Shank $\varnothing D_s$                  | 6 mm              |
| Overall length L                         | 82 mm             |
| Standard                                 | DIN 6537          |
| recommended maximum drilling depth $L_2$ | 37.6 mm           |
| Coating                                  | TiAlN             |
| Tool material                            | Solid carbide     |
| Drill depth up to                        | 6xD               |
| Type                                     | FS                |
| Point angle                              | 140 degrees       |
| Shank                                    | DIN 6535 HA to h6 |
| Through-coolant                          | yes, with 25 bar  |
| Machining strategy                       | HPC               |
| Semi-Standard                            | yes               |
| Colour ring                              | pink              |
| Type of product                          | Jobber drill      |

## Services

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