

## Garant

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



#### Order data

|              |               |
|--------------|---------------|
| Order number | 122675 4,3    |
| GTIN         | 4045197397782 |
| Item class   | 11E           |

#### Description

##### Version:

**Particularly strong** due to strengthened core and **special profile**. Special point geometry.

**High concentricity** and **long tool life**.

**Precision drilling qualities.**

##### 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

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 37.6 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

Feed f in titanium > 850 N/mm<sup>2</sup>: 0.04 mm/rev.

#### Technical description

|  |              |
|--|--------------|
| Shank tolerance                            | h6           |
| Number of cutting edges Z                  | 2            |
| Nominal Ø $D_c$                            | 4.3 mm       |
| Feed f in titanium > 850 N/mm <sup>2</sup> | 0.04 mm/rev. |

|  |                   |
|--|-------------------|
| Flute length $L_c$                       | 44 mm             |
| 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 HB to h6 |
| Through-coolant                          | yes, with 25 bar  |
| Machining strategy                       | HPC               |
| Semi-Standard                            | yes               |
| Colour ring                              | pink              |
| Type of product                          | Jobber drill      |