

## Garant

**Solid carbide NC high performance drill FS, plain shank DIN 6535 HB, TiAlN, Ø DC h7: 5,1 mm**



### Order data

|              |               |
|--------------|---------------|
| Order number | 122545 5,1    |
| GTIN         | 4045197392886 |
| 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:

clamping slot 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  $L_2$ : 36.4 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.14 mm/rev.

### Technical description

|   |              |
|---|--------------|
| Nominal Ø $D_c$                         | 5.1 mm       |
| Number of cutting edges Z               | 2            |
| Shank tolerance                         | h6           |
| Flute length $L_c$                      | 44 mm        |
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.14 mm/rev. |

|  |                   |
|--|-------------------|
| Tolerance nominal $\varnothing$          | h7                |
| Shank $\varnothing D_s$                  | 6 mm              |
| Overall length L                         | 82 mm             |
| Standard                                 | DIN 6537          |
| recommended maximum drilling depth $L_2$ | 36.4 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                          | no                |
| Semi-Standard                            | yes               |
| Colour ring                              | green             |
| Type of product                          | Jobber drill      |