

## Garant

**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 14,5mm**



### Order data

|              |               |
|--------------|---------------|
| Order number | 122681 14,5   |
| GTIN         | 4062406792336 |
| Item class   | 11E           |

### Description

#### Version:

Specially for machining **titanium-based and nickel-based alloys**. With wear-resistant, ultra-smooth TiAlSiN high-performance coating for a **long tool life** combined with **optimum bore quality** and **very low burr formation**.

#### Note:

Flute length  $L_c = L_2 + 1.5 \times D_c$ .

### Technical description

|  |               |
|--|---------------|
| Nominal Ø $D_c$                            | 14.5 mm       |
| Overall length L                           | 133 mm        |
| Flute length $L_c$                         | 83.05 mm      |
| Feed f in titanium > 850 N/mm <sup>2</sup> | 0.17 mm/rev.  |
| Number of cutting edges Z                  | 2             |
| Shank Ø $D_s$                              | 16 mm         |
| Tolerance nominal Ø                        | m7            |
| recommended maximum drilling depth $L_2$   | 61.3 mm       |
| Standard                                   | DIN 6537      |
| Coating                                    | TiAlSiN       |
| Tool material                              | Solid carbide |
| Version                                    | 6xD           |

|                    |                   |
|--------------------|-------------------|
| 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      |

### User data

|                            | Suitability | V <sub>c</sub> | ISO code |
|----------------------------|-------------|----------------|----------|
| Ti > 850 N/mm <sup>2</sup> | suitable    |                |          |
| Inconel                    | suitable    |                |          |
| wet maximum                | suitable    |                |          |