

**Garant**
**Solid carbide NC spotting drill 142° extra long spiral flutes, TiAlN, Ø DC h6: 16 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 121120 16     |
| GTIN         | 4045197768773 |
| Item class   | 11E           |

**Description**
**Version:**

Exactly **central ground point**. **Easy spot drilling** and **high shape accuracy** of the centre hole. Sturdy due to short flutes.

**≥ Ø 6 mm with HB drive flat.**

**Extra long version.**

**Application:**

Point angle **142°** so that the cutting edges of the following twist drill engage easily.

**Note:**

Use the speed for the actual hole Ø (not generally the speed for the drill outer Ø).

Through-coolant: no

Shank: DIN 6535 HB to h6

Flute length  $L_c$ : 29 mm

Overall length L: 200 mm

Shank Ø  $D_s$ : 16 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.03 mm/rev.

**Technical description**

|                                          |              |
|------------------------------------------|--------------|
| Overall length L                         | 200 mm       |
| Flute length $L_c$                       | 29 mm        |
| Shank Ø $D_s$                            | 16 mm        |
| Shank tolerance                          | h6           |
| Feed f in steel < 1100 N/mm <sup>2</sup> | 0.03 mm/rev. |
| Nominal Ø $D_c$                          | 16 mm        |

|                           |                         |
|---------------------------|-------------------------|
| Shank                     | DIN 6535 HB to h6       |
| Coating                   | TiAlN                   |
| Tool material             | solid carbide           |
| Standard                  | Manufacturer's standard |
| Tolerance nominal Ø       | h6                      |
| Point angle               | 142 degrees             |
| Number of cutting edges Z | 2                       |
| Through-coolant           | no                      |
| Colour ring               | without                 |
| Type of product           | Spotting drill          |