

**Garant**
**NC spotting drill HSS-E-PM 90° N, TiAlN, Ø DC h6: 20 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 112060 20     |
| GTIN         | 4045197741578 |
| Item class   | 11A           |

**Description**
**Version:**

≥ Ø 6 mm with **drive flat to DIN 1835-B**.

Precision centred ground point with thin chisel edge - gives easy spot drilling and high accuracy of the centre hole form. Very sturdy due to short flutes.

**High-performance NC spotting drill.**

Tool substrate made of sintered powder metallurgy **for applications** demanding high standards of tool life and accurate centring. Very good wear resistance in stainless steels.

**Note:**

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

Shank: DIN 1835 B to h6

Flute length  $L_c$ : 40 mm

Overall length L: 131 mm

Shank Ø  $D_s$ : 20 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.07 mm/rev.

**Technical description**

|   |              |
|---|--------------|
| Shank Ø $D_s$                           | 20 mm        |
| Nominal Ø $D_c$                         | 20 mm        |
| Feed f in steel < 900 N/mm <sup>2</sup> | 0.07 mm/rev. |
| Shank tolerance                         | h6           |
| Overall length L                        | 131 mm       |
| Flute length $L_c$                      | 40 mm        |

|                                 |                         |
|---------------------------------|-------------------------|
| Shank                           | DIN 1835 B to h6        |
| Coating                         | TiAlN                   |
| Tool material                   | HSS E PM                |
| Standard                        | Manufacturer's standard |
| Type                            | N                       |
| Tolerance nominal $\varnothing$ | h6                      |
| Point angle                     | 90 degrees              |
| Number of cutting edges Z       | 2                       |
| Through-coolant                 | no                      |
| Colour ring                     | without                 |