

**Garant**
**HSS-E jobber drill, TiAlN, Ø DC h8: 8,6 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 114580 8,6    |
| GTIN         | 4045197855688 |
| Item class   | 11B           |

**Description**
**Version:**

High performance drills for outstanding performance. Precision holes due to optimised diamond point geometry and 4-face grinding. The special flute profile yields a significant reduction in cutting forces.

**Recommendation:**
**Maximum drilling depth:**

$$L_2 = L_c - 1.5 \times D_c$$

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 68.1 mm

Flute length  $L_c$ : 81 mm

Overall length L: 125 mm

Shank Ø  $D_s$ : 8.6 mm

Feed f in stainless steel > 900 N/mm<sup>2</sup>: 0.09 mm/rev.

**Technical description**

|                                                   |              |
|---------------------------------------------------|--------------|
| Feed f in stainless steel > 900 N/mm <sup>2</sup> | 0.09 mm/rev. |
| Tolerance nominal Ø                               | h8           |
| recommended maximum drilling depth $L_2$          | 68.1 mm      |
| Flute length $L_c$                                | 81 mm        |
| Overall length L                                  | 125 mm       |
| Number of cutting edges Z                         | 2            |

|                          |              |
|--------------------------|--------------|
| Shank Ø D <sub>s</sub>   | 8.6 mm       |
| Standard                 | DIN 338      |
| Nominal Ø D <sub>c</sub> | 8.6 mm       |
| Point angle              | 130 degrees  |
| Coating                  | TiAlN        |
| Tool material            | HSS E        |
| Helix angle              | 35 degrees   |
| Shank                    | Plain shank  |
| Through-coolant          | no           |
| Colour ring              | green        |
| Type of product          | Jobber drill |