

**Garant**
**Jobber drill with 3 clamping faces HSS-E, uncoated, Ø DC h8: 11,5 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 114001 11,5   |
| GTIN         | 4045197750082 |
| Item class   | 11B           |

**Description**
**Version:**

Particularly sturdy and robust due to the **strengthened core diameter**. Ground flutes, with high concentricity. Precision ground point. Three **drive flats on the shank** for use in a 3-jaw chuck.

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

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

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 76.8 mm

Flute length  $L_c$ : 94 mm

Overall length L: 142 mm

Shank Ø  $D_s$ : 11.5 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.1 mm/rev.

**Technical description**

|                           |         |
|---------------------------|---------|
| Standard                  | DIN 338 |
| Number of cutting edges Z | 2       |
| Nominal Ø $D_c$           | 11.5 mm |
| Tolerance nominal Ø       | h8      |
| Shank Ø $D_s$             | 11.5 mm |
| Overall length L          | 142 mm  |

|   |                         |
|---|-------------------------|
| Feed f in steel < 900 N/mm <sup>2</sup>           | 0.1 mm/rev.             |
| Flute length L <sub>c</sub>                       | 94 mm                   |
| recommended maximum drilling depth L <sub>2</sub> | 76.8 mm                 |
| Point angle                                       | 130 degrees             |
| Coating   | uncoated                |
| Tool material                                     | HSS E                   |
| Type  | N                       |
| Shank   | Three drive flats shank |
| Through-coolant                                   | no                      |
| Colour ring                                       | without                 |
| Type of product                                   | Jobber drill            |