

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

**Order data**

|              |               |
|--------------|---------------|
| Order number | 114500 6      |
| GTIN         | 4045197020055 |
| Item class   | 11B           |

**Description**
**Version:**
**Strengthened core taper.**

With point geometry shape C.

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

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

**Technical description**

|   |              |
|---|--------------|
| Number of cutting edges Z                         | 2            |
| Flute length $L_c$                                | 57 mm        |
| Feed f in stainless steel > 900 N/mm <sup>2</sup> | 0.05 mm/rev. |
| Nominal Ø $D_c$                                   | 6 mm         |
| Tolerance nominal Ø                               | h8           |
| Shank Ø $D_s$                                     | 6 mm         |
| Overall length L                                  | 93 mm        |
| Standard  | DIN 338      |
| recommended maximum drilling depth $L_2$          | 48 mm        |
| Point angle                                       | 130 degrees  |
| Shank   | Plain shank  |
| Coating   | TiAlN        |

|                 |              |
|-----------------|--------------|
| Tool material   | HSS E        |
| Helix angle     | 35 degrees   |
| Through-coolant | no           |
| Colour ring     | blue         |
| Type of product | Jobber drill |

### User data

|                               | Suitability                               | V <sub>c</sub> | ISO code |
|-------------------------------|---|----------------|----------|
| Steel < 750 N/mm <sup>2</sup> | suitable only under restricted conditions | 37 m/min       | P        |
| Steel < 900 N/mm <sup>2</sup> | suitable only under restricted conditions | 31 m/min       | P        |
| INOX < 900 N/mm <sup>2</sup>  | suitable                                  | 15 m/min       | M        |
| INOX > 900 N/mm <sup>2</sup>  | suitable                                  | 12 m/min       | M        |
| Ti > 850 N/mm <sup>2</sup>    | suitable                                  | 6 m/min        | S        |
| Oil                           | suitable                                  |                |          |
| wet maximum                   | suitable                                  |                |          |