

**Garant**
**Stub drill HSS-E, TiAlN, Ø DC h8: 3,1 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 113265 3,1    |
| GTIN         | 4062406234249 |
| Item class   | 11B           |

**Description**
**Version:**

**High concentricity** and **special chip flutes** ensure precise bores.

With point geometry shape C from size 2.4 mm.

**Advantage:**

**Ideal for drilling shallow holes (approx. 2 - 4×D)** on NC machines and automatic machines.

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

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

Through-coolant: no

Standard: DIN 1897

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

Flute length  $L_c$ : 18 mm

Overall length L: 49 mm

Shank Ø  $D_s$ : 3.1 mm

Feed f in stainless steel < 900 N/mm<sup>2</sup>: 0.02 mm/rev.

**Technical description**

|                           |          |
|---------------------------|----------|
| Standard                  | DIN 1897 |
| Flute length $L_c$        | 18 mm    |
| Nominal Ø $D_c$           | 3.1 mm   |
| Number of cutting edges Z | 2        |
| Shank Ø $D_s$             | 3.1 mm   |

|   |              |
|---|--------------|
| Feed f in stainless steel < 900 N/mm <sup>2</sup> | 0.02 mm/rev. |
| Tolerance nominal Ø                               | h8           |
| Overall length L                                  | 49 mm        |
| Point angle                                       | 118 degrees  |
| Coating   | TiAlN        |
| Tool material                                     | HSS E        |
| Shank   | Plain shank  |
| Through-coolant                                   | no           |
| Colour ring                                       | green        |
| Type of product                                   | Jobber drill |