

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

**Order data**

Order number	114500 3,1
GTIN	4045197019769
Item class	11B

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

With point geometry shape C.

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

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

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 31.4 mm

Flute length  $L_c$ : 36 mm

Overall length L: 65 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**

Number of cutting edges Z	2
Feed f in stainless steel > 900 N/mm <sup>2</sup>	0.02 mm/rev.
Flute length $L_c$	36 mm
Nominal Ø $D_c$	3.1 mm
Tolerance nominal Ø	h8
Shank Ø $D_s$	3.1 mm

Overall length L	65 mm
Standard	DIN 338
recommended maximum drilling depth L <sub>2</sub>	31.4 mm
Point angle	130 degrees
Coating	TiAlN
Tool material	HSS E
Helix angle	35 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	blue
Type of product	Jobber drill