

## Garant

### Jobber drill with 3 clamping faces HSS-E, uncoated, Ø DC h8: 3,3 mm



#### Order data

Order number	114001 3,3
GTIN	4045197764935
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:

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

##### Note:

Drills with plain shank, **without drive flats**

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 31.1 mm

Flute length  $L_c$ : 36 mm

Overall length L: 65 mm

Shank Ø  $D_s$ : 3.3 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.03 mm/rev.

#### Technical description

Number of cutting edges Z	2
Shank Ø $D_s$	3.3 mm
Nominal Ø $D_c$	3.3 mm
Tolerance nominal Ø	h8

Feed f in steel < 900 N/mm <sup>2</sup>	0.03 mm/rev.
Flute length L <sub>c</sub>	36 mm
Standard	DIN 338
Overall length L	65 mm
recommended maximum drilling depth L <sub>2</sub>	31.1 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