

## Garant

### Jobber drill, long, HSS-E VA, uncoated, Ø DC h8: 7,7 mm



#### Order data

Order number	116070 7,7
GTIN	4045197027764
Item class	11B

#### Description

##### Version:

Profile ground. Standard core thickness and core taper. Bright finish.  
With point geometry shape C.

##### Advantage:

For drilling with drill bushes or long reach applications.

##### Recommendation:

##### Maximum drilling depth:

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

##### Note:

Suitable NC spotting drills No. 112120, 112140 and 112170 with **142° tip angle** for enhanced process reliability.

Through-coolant: no

Standard: DIN 340

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 97.5 mm

Flute length  $L_c$ : 109 mm

Overall length L: 165 mm

Shank Ø  $D_s$ : 7.7 mm

Feed f in stainless steel < 900 N/mm<sup>2</sup>: 0.05 mm/rev.

#### Technical description

Nominal Ø $D_c$	7.7 mm
Number of cutting edges Z	2
Flute length $L_c$	109 mm

Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.05 mm/rev.
Tolerance nominal Ø	h8
Shank Ø D <sub>s</sub>	7.7 mm
Overall length L	165 mm
Standard	DIN 340
recommended maximum drilling depth L <sub>2</sub>	97.5 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS E
Helix angle	35-40 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	blue
Type of product	Jobber drill