

## Garant

### Jobber drill long HSS N, uncoated, Ø DC h8: 7,8 mm



#### Order data

Order number	116000 7,8
GTIN	4045197025579
Item class	11B

#### Description

##### Version:

Vaporised from 2.4 mm. Particularly for deep hole drilling (for deep holes, repeated chip evacuation is necessary).

With point geometry shape A from size 4 mm.

##### Advantage:

Especially suitable for **long reach purposes**. (When used to drill deep holes, low feed rates and frequent drill pecks are necessary).

##### Recommendation:

##### Maximum drilling depth:

$$L_2 = L_C - 1.5 \times D_C$$

##### Note:

Suitable NC spotting drills No. 112103, 112110 and 112160 with **120° tip angle** for enhanced process reliability.

Through-coolant: no

Standard: DIN 340

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 97.3 mm

Flute length  $L_C$ : 109 mm

Overall length L: 165 mm

Shank Ø  $D_s$ : 7.8 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.05 mm/rev.

#### Technical description

Number of cutting edges Z	2
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Flute length $L_c$	109 mm
Nominal $\varnothing D_c$	7.8 mm
Feed $f$ in steel $< 750 \text{ N/mm}^2$	0.05 mm/rev.
Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	7.8 mm
Overall length $L$	165 mm
Standard	DIN 340
recommended maximum drilling depth $L_2$	97.3 mm
Point angle	118 degrees
Coating	uncoated
Tool material	HSS
Type	N
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill