

## Garant

### Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 7X225 mm



#### Order data

Order number	116245 7X225
GTIN	4045197745910
Item class	11B

#### Description

##### Version:

With precision ground point.

Vaporised high performance drills for drilling particularly deep holes. Take particular care to ensure **frequent chip clearance**.

##### Recommendation:

Maximum drilling depth:

Flute length  $L_c$  (see table) less  $1.5 \times \varnothing D_c$ .

##### Note:

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

Through-coolant: no

Standard: DIN 1869

Tolerance nominal  $\varnothing$ : h8

Point angle: 118 degrees

Number of cutting edges Z: 2

Flute length  $L_c$ : 155 mm

Overall length L: 225 mm

Shank  $\varnothing D_s$ : 7 mm

Feed f in steel <  $750 \text{ N/mm}^2$ : 0.07 mm/rev.

#### Technical description

Tolerance nominal $\varnothing$	h8
Standard	DIN 1869
Overall length L	225 mm

Flute length $L_c$	155 mm
Nominal $\varnothing D_c$	7 mm
Shank $\varnothing D_s$	7 mm
Feed $f$ in steel $< 750 \text{ N/mm}^2$	0.07 mm/rev.
Number of cutting edges $Z$	2
Point angle	118 degrees
Coating	uncoated
Tool material	HSS
Type	N
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill