

## Garant

### Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 3,5X210 mm



#### Order data

Order number	116245 3,5X210
GTIN	4045197745729
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  $L_c$ : 145 mm

Overall length L: 210 mm

Shank  $\varnothing D_s$ : 3.5 mm

Feed f in steel  $< 750 \text{ N/mm}^2$ : 0.05 mm/rev.

#### Technical description

Feed f in steel $< 750 \text{ N/mm}^2$	0.05 mm/rev.
Flute length $L_c$	145 mm
Overall length L	210 mm

Nominal $\varnothing D_c$	3.5 mm
Shank $\varnothing D_s$	3.5 mm
Standard	DIN 1869
Tolerance nominal $\varnothing$	h8
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