

Garant

Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 4,5X185 mm



Order data

Order number	116245 4,5X185
GTIN	4045197745798
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:

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

Note:

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

Through-coolant: no

Standard: DIN 1869

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 118.3 mm

Flute length L_c : 125 mm

Overall length L: 185 mm

Shank Ø D_s : 4.5 mm

Feed f in steel < 750 N/mm²: 0.05 mm/rev.

Technical description

Nominal Ø D_c	4.5 mm
Tolerance nominal Ø	h8

Feed f in steel < 750 N/mm ²	0.05 mm/rev.
Flute length L _c	125 mm
Standard	DIN 1869
Shank Ø D _s	4.5 mm
Number of cutting edges Z	2
Overall length L	185 mm
recommended maximum drilling depth L ₂	118.3 mm
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