

Garant

Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 9X320 mm



Order data

Order number	116245 9X320
GTIN	4045197746016
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 : 206.5 mm

Flute length L_c : 220 mm

Overall length L: 320 mm

Shank Ø D_s : 9 mm

Feed f in steel < 750 N/mm²: 0.1 mm/rev.

Technical description

Flute length L_c	220 mm
Feed f in steel < 750 N/mm ²	0.1 mm/rev.

Standard	DIN 1869
Overall length L	320 mm
Number of cutting edges Z	2
Shank $\varnothing D_s$	9 mm
Nominal $\varnothing D_c$	9 mm
Tolerance nominal \varnothing	h8
recommended maximum drilling depth L_2	206.5 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