

Garant

Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 4X220 mm



Order data

Order number	116245 4X220
GTIN	4045197745774
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 : 150 mm

Overall length L: 220 mm

Shank $\varnothing D_s$: 4 mm

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

Technical description

Standard	DIN 1869
Overall length L	220 mm
Tolerance nominal \varnothing	h8

Feed f in steel < 750 N/mm ²	0.05 mm/rev.
Number of cutting edges Z	2
Nominal Ø D _c	4 mm
Shank Ø D _s	4 mm
Flute length L _c	150 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