

Garant
Jobber drill, long, HSS-E VA, uncoated, Ø DC h8: 4,5 mm

Order data

Order number	116070 4,5
GTIN	4045197027443
Item class	11B

Description
Version:

Profile ground. Standard core thickness and core taper. Bright finish.
With point geometry shape C.

Advantage:

For drilling with drill bushes or long reach applications.

Recommendation:
Maximum drilling depth:

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

Note:

Suitable NC spotting drills No. 112120, 112140 and 112170 with **142° tip angle** for enhanced process reliability.

Through-coolant: no

Standard: DIN 340

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 75.3 mm

Flute length L_c : 82 mm

Overall length L: 126 mm

Shank Ø D_s : 4.5 mm

Feed f in stainless steel < 900 N/mm²: 0.05 mm/rev.

Technical description

Nominal Ø D_c	4.5 mm
Number of cutting edges Z	2
Feed f in stainless steel < 900 N/mm ²	0.05 mm/rev.

Flute length L_c	82 mm
Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	4.5 mm
Overall length L	126 mm
Standard	DIN 340
recommended maximum drilling depth L_2	75.3 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS E
Helix angle	35-40 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	blue
Type of product	Jobber drill