

Garant

Jobber drill long HSS W, uncoated, Ø DC h8: 4,5 mm



Order data

Order number	116040 4,5
GTIN	4045197025814
Item class	11B

Description

Version:

With point geometry shape A from size 2.5 mm.

Strengthened core **without core taper**. Precision ground point. Wide flutes with heavily honed back edges. Bright ground surface finish.

Advantage:

For deep hole drilling and for use with drill bushings.

Recommendation:

Maximum drilling depth:

flute length (see table) less 1.5×nominal Ø.

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 L₂: 75.25 mm

Flute length L_c: 82 mm

Overall length L: 126 mm

Shank Ø D_s: 4.5 mm

Feed f in aluminium short-chipping: 0.09 mm/rev.

Technical description

Number of cutting edges Z	2
Feed f in aluminium short-chipping	0.09 mm/rev.

Nominal $\varnothing D_c$	4.5 mm
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	75.25 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS
Type	W
Helix angle	30-40 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	yellow
Type of product	Jobber drill