

## Garant

### Jobber drill extra long HSS FS, uncoated, Ø DC h8 × overall length L: 4X175 mm



#### Order data

Order number	116240 4X175
GTIN	4045197028662
Item class	11B

#### Description

##### Version:

With precision ground point.

Significantly strengthened core without core taper. Bright finish flutes, nitrided chamfers.

With point geometry shape C.

##### Advantage:

**Special deep hole drills. For particularly deep or recessed holes.** Good chip evacuation due to parabolic flutes, resulting in fewer chip evacuations even in particularly deep holes.

##### 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 1869

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 114 mm

Flute length  $L_C$ : 120 mm

Overall length L: 175 mm

Shank Ø  $D_s$ : 4 mm

Feed  $f$  in steel < 750 N/mm<sup>2</sup>: 0.05 mm/rev.

#### Technical description

Number of cutting edges Z	2
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Flute length $L_c$	120 mm
Nominal $\varnothing D_c$	4 mm
Feed $f$ in steel $< 750 \text{ N/mm}^2$	0.05 mm/rev.
Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	4 mm
Overall length $L$	175 mm
Standard	DIN 1869
recommended maximum drilling depth $L_2$	114 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS
Type	FS
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill