

**Garant**
**Jobber drill extra long HSS FS, uncoated, Ø DC h8 × overall length L: 10X340 mm**

**Order data**

Order number	116240 10X340
GTIN	4045197028945
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  $L_2$ : 220 mm

Flute length  $L_c$ : 235 mm

Overall length L: 340 mm

Shank Ø  $D_s$ : 10 mm

Feed  $f$  in steel < 750 N/mm<sup>2</sup>: 0.1 mm/rev.

**Technical description**

Flute length $L_c$	235 mm
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Nominal $\varnothing D_c$	10 mm
Number of cutting edges Z	2
Feed f in steel < 750 N/mm <sup>2</sup>	0.1 mm/rev.
Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	10 mm
Overall length L	340 mm
Standard	DIN 1869
recommended maximum drilling depth L <sub>2</sub>	220 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