


**HOLEX CleverDrill jobber drill, long, HSS N, uncoated, Ø DC h8: 4,8 mm**

**Order data**

Order number	116050 4,8
GTIN	4045197956330
Item class	12B

**Description**
**Version:**

**HOLEX CleverDrill** – Sturdy drill for all standard applications. Improved spot drilling behaviour due to cross-ground form. Standard core thickness and core taper. Profile ground. Surface: Bronze-coloured tempered helical flutes.

**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  $L_2$ : 79.8 mm

Flute length  $L_c$ : 87 mm

Overall length L: 132 mm

Shank Ø  $D_s$ : 4.8 mm

**Technical description**

Flute length $L_c$	87 mm
recommended maximum drilling depth $L_2$	79.8 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h8

Nominal $\varnothing D_c$	4.8 mm
Standard	DIN 340
Shank $\varnothing D_s$	4.8 mm
Overall length L	132 mm
Point angle	130 degrees
Series	HOLEX CleverDrill
Coating	uncoated
Tool material	HSS
Type	N
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill