


HOLEX CleverDrill HSS jobber drill N, uncoated, Ø DC h8 (mm or inch): 7

Order data

Order number	114031 7
GTIN	4062406744243
Item class	12B

Description
Version:

HOLEX CleverDrill: Sturdy drills 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:
Successor product to No. 114030.

Size 13.2 – 20: With stepped shank Ø 12.7 mm.

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 118 °

Shank: Plain shank

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 58.5 mm

Flute length L_c : 69 mm

Overall length L: 109 mm

Shank Ø D_s : 7 mm

Feed f in steel < 750 N/mm²: 0.07 mm/rev.

Technical description

Number of cutting edges Z	2
Nominal Ø D_c	7 mm

Shank $\varnothing D_s$	7 mm
Point angle	118°
Tolerance nominal \varnothing	h8
recommended maximum drilling depth L_2	58.5 mm
Feed f in steel $< 750 \text{ N/mm}^2$	0.07 mm/rev.
Overall length L	109 mm
Flute length L_c	69 mm
Standard	DIN 338
Shank	Plain shank
Series	CleverDrill
Coating	uncoated
Tool material	HSS
Type	N
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	80 m/min	N
Aluminium (short chipping)	suitable	60 m/min	N
Alu $> 10\% \text{ Si}$	suitable	50 m/min	N
Steel $< 500 \text{ N/mm}^2$	suitable	35 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	32 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	22 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	18 m/min	P
GG(G)	suitable	30 m/min	K
CuZn	suitable	40 m/min	N

Oil	suitable
wet maximum	suitable

Accessories

HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-10	115051 1-10
HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-10,5	115056 1-10,5
HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-13	115056 1-13
HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 6-10	115051 6-10
HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-10,5	115051 1-10,5
HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 6-10	115056 6-10
HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-10	115056 1-10
HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-13	115051 1-13