



## HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set, uncoated, Type: 1-6



### Order data

Order number	115056 1-6
GTIN	4062406742331
Item class	12B

### Description

**Version:**

Composed of jobber drills DIN 338.

**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.

**Note:**

Size 13.2 – 20: With stepped shank  $\varnothing$  12.7 mm.

Through-coolant: no

Shank: Plain shank

Number of cutting edges Z: 2

Drill range: 1 - 6 mm

Number of drills: 51

Incremental steps of drills: 0.1 mm

### Technical description

Number of drills	51
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Shank	Plain shank
Number of cutting edges Z	2
Incremental steps of drills	0.1 mm
Drill range	1 - 6 mm
Series	CleverDrill
Coating	uncoated
Tool material	HSS
Standard	DIN 338
Type	N
Tolerance nominal $\varnothing$	h8
Point angle	118°
Through-coolant	no
with case	no
Colour ring	without
Type of product	Jobber drill

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable only under restricted conditions	80 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	60 m/min	N
Alu > 10% Si	suitable only under restricted conditions	50 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	35 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	32 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	22 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	18 m/min	P

GG(G)	suitable only under restricted conditions	30 m/min	K
CuZn	suitable	40 m/min	N
Oil	suitable		
wet maximum	suitable		

## Accessories

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 4,8	114030 4,8
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 4,9	114030 4,9
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 1,5	114030 1,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 4,1	114030 4,1
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 6	114030 6
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,7	114030 2,7
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,9	114030 2,9
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3	114030 3
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 4,6	114030 4,6
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,1	114030 2,1
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3,2	114030 3,2
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 5,7	114030 5,7
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 5,4	114030 5,4

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 1,3	114030 1,3
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3,7	114030 3,7
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3,8	114030 3,8
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 1,1	114030 1,1
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 1,9	114030 1,9
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 4,5	114030 4,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3,6	114030 3,6
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,4	114030 2,4
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 4,2	114030 4,2
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3,5	114030 3,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 5,6	114030 5,6
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 1	114030 1
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 5,5	114030 5,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,3	114030 2,3
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,8	114030 2,8
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 2,6	114030 2,6
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 3,4	114030 3,4
	114030 4

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

4

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

3,9

114030 3,9

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

5,1

114030 5,1

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

3,1

114030 3,1

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

3,3

114030 3,3

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

4,3

114030 4,3

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

5,8

114030 5,8

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

4,7

114030 4,7

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

5,3

114030 5,3

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

5,9

114030 5,9

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

2

114030 2

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

5

114030 5

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

2,2

114030 2,2

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

1,7

114030 1,7

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

1,2

114030 1,2

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

1,8

114030 1,8

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)

4,4

114030 4,4

114030 5,2

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
5,2

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
1,4

114030 1,4

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
2,5

114030 2,5

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
1,6

114030 1,6