



## HOLEX CleverDrill HSS jobber drill set No. 114030 in a case, uncoated, Type: 1-13



### Order data

Order number	115050 1-13
GTIN	4045197875426
Item class	12B

### Description

#### Version:

Composed of jobber drills DIN 338.

**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.

#### Note:

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

Through-coolant: no

Shank: Plain shank

Drill range: 1 - 13 mm

Number of drills: 25

Incremental steps of drills: 0.5 mm

### Technical description

Incremental steps of drills	0.5 mm
Number of drills	25

Drill range	1 - 13 mm
Shank	Plain shank
Number of cutting edges Z	2
Series	HOLEX CleverDrill
Tool material	HSS
Standard	DIN 338
Type	N
Tolerance nominal $\varnothing$	h8
Point angle	130°
Through-coolant	no
with case	yes
Colour ring	without
Type of product	Jobber drill

### User data

	Suitability	$V_c$	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) 10	114030 10
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 11,5	114030 11,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 10,5	114030 10,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 9	114030 9
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 8	114030 8
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	114030 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) 7,5	114030 7,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 6,5	114030 6,5
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) 12	114030 12
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) 11	114030 11
	114030 5

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

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
8,5

114030 8,5

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
13

114030 13

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)  
12,5

114030 12,5

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)  
9,5

114030 9,5

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

114030 7

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

114030 3

HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch)  
3,5

114030 3,5