



## HOLEX CleverDrill jobber drill set HSS No. 114031 in a case, uncoated, Type: 1-13KB



### Order data

Order number	115051 1-13KB
GTIN	4062406742317
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.

### Technical description

Shank	Plain shank
Drill range	1 - 13 mm
Tapping hole $\varnothing$	3.3; 4.2; 6.8; 10.2 mm
Incremental steps of drills	0.5 mm
Number of drills	29

Number of cutting edges Z	2
Series	CleverDrill
Coating	uncoated
Tool material	HSS
Standard	DIN 338
Type	N
Tolerance nominal $\varnothing$	h8
Point angle	118 degrees
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 drillIN Ø DC h8 (mm or inch)  
7,5

114030 7,5

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
11,5

114030 11,5

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

114030 8,5

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
9

114030 9

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
10,5

114030 10,5

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
2

114030 2

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
4,5

114030 4,5

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
6,5

114030 6,5

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
1,5

114030 1,5

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

114030 3,5

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

114030 7

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
4

114030 4

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
12,5

114030 12,5

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
11

114030 11

HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch)  
4,2

114030 4,2

HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 9,5	114030 9,5
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 10	114030 10
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 13	114030 13
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 5	114030 5
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 8	114030 8
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 10,2	114030 10,2
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 12	114030 12
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 1	114030 1
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 3,3	114030 3,3
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 6	114030 6
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 5,5	114030 5,5
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 2,5	114030 2,5
HOLEX CleverDrill HSS jobber drillN Ø DC h8 (mm or inch) 3	114030 3
Empty case for jobber drills to DIN 338 Type 1-13KB	115475 1-13KB