



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



### Order data

Order number	115051 1-13
GTIN	4062406735104
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

Number of drills	25
Drill range	1 - 13 mm
Number of cutting edges Z	2
Shank	Plain shank
Incremental steps of drills	0.5 mm

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) 1	114030 1
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) 10	114030 10
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) 11	114030 11
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) 2,5	114030 2,5
HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch) 3	114030 3
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) 4	114030 4
HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch) 5	114030 5
HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch) 5,5	114030 5,5
HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch) 6	114030 6
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) 7	114030 7
HOLEX CleverDrill HSS jobber drillIN Ø DC h8 (mm or inch) 7,5	114030 7,5

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