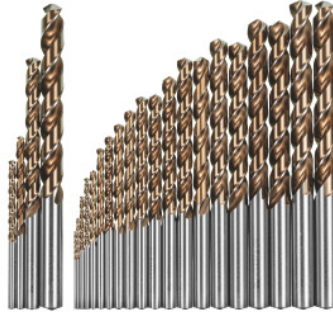


**HOLEX**
**HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set, uncoated,  
Type: 1-10,5**

**Order data**

Order number	115056 1-10,5
GTIN	4062406742362
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 - 10.5 mm

Number of drills: 24

Tapping hole  $\varnothing$ : 3.3; 4.2; 6.8; 10.2 mm

Incremental steps of drills: 0.5 mm

**Technical description**

Tapping hole $\varnothing$	3.3; 4.2; 6.8; 10.2 mm
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Drill range	1 - 10.5 mm
Number of drills	24
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 °
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) 4,2	114030 4,2
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) 9	114030 9
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) 7	114030 7
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) 3	114030 3
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) 2	114030 2
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) 8,5	114030 8,5
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 6,8	114030 6,8
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) 2,5	114030 2,5
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) 4,5	114030 4,5
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) 5	114030 5
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) 1	114030 1
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 10,2	114030 10,2
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) 4	114030 4
HOLEX CleverDrill HSS jobber drill N Ø DC h8 (mm or inch) 6	114030 6