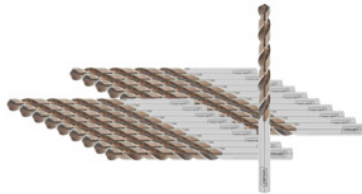


**HOLEX CleverDrill HSS jobber drill N, uncoated, Ø DC h8: 4mm****Order data**

| | |
|--------------|---------------|
| Order number | GG4031 4 |
| GTIN | 4067263101789 |
| Item class | GGN |

Description**Version:**

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.

Same as No. 114031.

Recommendation:**Maximum drilling depth:**

$$L_2 = L_c - 1.5 \times D_c$$

Note:

Successor product to No. 114030.

Size 13.5 – 16: With stepped shank Ø 12.7 mm.

Technical description

| | |
|--|-------------|
| Number of cutting edges Z | 2 |
| recommended maximum drilling depth L_2 | 37 mm |
| Overall length L | 75 mm |
| Point angle | 118 degrees |
| Tolerance nominal Ø | h8 |
| Flute length L_c | 43 mm |

| | |
|---|--------------|
| Shank $\varnothing D_s$ | 4 mm |
| Nominal $\varnothing D_c$ | 4 mm |
| Standard | DIN 338 |
| Feed f in steel < 750 N/mm ² | 0.05 mm/rev. |
| Shank | Plain shank |
| Contents | 20 |
| Series | CleverDrill |
| Coating | uncoated |
| Tool material | HSS |
| Type | N |
| Through-coolant | no |
| 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 ² | suitable | 35 m/min | P |
| Steel < 750 N/mm ² | suitable | 32 m/min | P |
| Steel < 900 N/mm ² | suitable | 22 m/min | P |
| Steel < 1100 N/mm ² | 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 drillN Ø DC h8 (mm or inch) 4 | 114031 4 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-10 | 115051 1-10 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-10,5 | 115051 1-10,5 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-13 | 115051 1-13 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-10 | 115056 1-10 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-10,5 | 115056 1-10,5 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-13 | 115056 1-13 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-6 | 115056 1-6 |