


HOLEX CleverDrill HSS jobber drill N, uncoated, Ø DC h8 (mm or inch): 6

Order data

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| Order number | 114031 6 |
| GTIN | 4062406744144 |
| Item class | 12B |

Description
Version:

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.

Recommendation:
Maximum drilling depth:

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

Note:
Successor product to No. 114030.

Size 13.2 – 20: With stepped shank Ø 12.7 mm.

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 118 °

Shank: Plain shank

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 48 mm

Flute length L_c : 57 mm

Overall length L: 93 mm

Shank Ø D_s : 6 mm

Feed f in steel < 750 N/mm²: 0.07 mm/rev.

Technical description

| | |
|---------------------|-------|
| Flute length L_c | 57 mm |
| Tolerance nominal Ø | h8 |

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|---|--------------|
| Point angle | 118 ° |
| Feed f in steel < 750 N/mm ² | 0.07 mm/rev. |
| Number of cutting edges Z | 2 |
| recommended maximum drilling depth L ₂ | 48 mm |
| Overall length L | 93 mm |
| Shank Ø D _s | 6 mm |
| Standard | DIN 338 |
| Nominal Ø D _c | 6 mm |
| Shank | Plain shank |
| 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 | 80 m/min | N |
| Aluminium (short chipping) | suitable | 60 m/min | N |
| Alu > 10% Si | suitable | 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 | 18 m/min | P |
| GG(G) | suitable | 30 m/min | K |
| CuZn | suitable | 40 m/min | N |

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| Oil | suitable |
| wet maximum | suitable |

Accessories

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|---|---------------|
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-13 | 115056 1-13 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-10,5 | 115051 1-10,5 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-6 | 115056 1-6 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-10,5 | 115056 1-10,5 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 6-10 | 115051 6-10 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 6-10 | 115056 6-10 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-13 | 115051 1-13 |
| HOLEX CleverDrill jobber drill set HSS No. 114031 in a case Type 1-10 | 115051 1-10 |
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-10 | 115056 1-10 |