



HOLEX CleverDrill HSS jobber drill N, uncoated, Ø DC h8 (mm or inch): 4,3



Order data

| | |
|--------------|---------------|
| Order number | 114031 4,3 |
| GTIN | 4062406743956 |
| 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 : 40.6 mm

Flute length L_c : 47 mm

Overall length L: 80 mm

Shank Ø D_s : 4.3 mm

Feed f in steel < 750 N/mm²: 0.05 mm/rev.

Technical description

| | |
|---|--------------|
| Flute length L_c | 47 mm |
| Feed f in steel < 750 N/mm ² | 0.05 mm/rev. |

| | |
|---|--------------|
| Standard | DIN 338 |
| Overall length L | 80 mm |
| Point angle | 118 ° |
| Number of cutting edges Z | 2 |
| Tolerance nominal Ø | h8 |
| Shank Ø D _s | 4.3 mm |
| recommended maximum drilling depth L ₂ | 40.6 mm |
| Nominal Ø D _c | 4.3 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 |

| | |
|-------------|----------|
| Oil | suitable |
| wet maximum | suitable |

Accessories

| | |
|--|------------|
| HOLEX CleverDrill HSS jobber drill set No. 114031 as a refill set Type 1-6 | 115056 1-6 |
|--|------------|