



## HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, Ø DC h7 (mm or inch): 19 mm or inch



### Order data

|              |               |
|--------------|---------------|
| Order number | 122503 19     |
| GTIN         | 4045197835376 |
| Item class   | 12F           |

### Description

#### Version:

**Straight major cutting edges** and a **special flute profile** ensure good chip evacuation. The robust cutter geometry ensures high-performance drilling with good process reliability. A wide range of applications in steel materials thanks to a combination of tough ultra-fine grain carbide and extremely wear-resistant coating.

#### Recommendation:

##### Maximum drilling depth:

clamping slot length (see table) less 1.5×nominal Ø.

##### Note:

Flute length  $L_c = L_2 + 1.5 \times D_c$ .

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 50.5 mm

Overall length L: 131 mm

Shank Ø  $D_s$ : 20 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.28 mm/rev.

### Technical description

|                     |            |
|---------------------|------------|
| Tolerance nominal Ø | h7         |
| Standard            | DIN 6537 K |
| Nominal Ø $D_c$     | 19 mm      |

|  |                   |
|--|-------------------|
| Overall length L                         | 131 mm            |
| Shank $\varnothing D_s$                  | 20 mm             |
| Number of cutting edges Z                | 2                 |
| Flute length $L_c$                       | 79 mm             |
| Feed f in steel < 900 N/mm <sup>2</sup>  | 0.28 mm/rev.      |
| recommended maximum drilling depth $L_2$ | 50.5 mm           |
| Series                                   | HOLEX Pro Steel   |
| Coating                                  | TiAlN             |
| Tool material                            | Solid carbide     |
| Drill depth up to                        | 4×D               |
| Point angle                              | 140 degrees       |
| Shank                                    | DIN 6535 HE to h6 |
| Through-coolant                          | no                |
| Machining strategy                       | HPC               |
| Colour ring                              | green             |
| Type of product                          | Jobber drill      |