



## HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, Ø DC h7 (mm or inch): 6,3 mm or inch



### Order data

|              |               |
|--------------|---------------|
| Order number | 122778 6,3    |
| GTIN         | 4045197837004 |
| Item class   | 12F           |

### Description

#### Version:

#### HOLEX Pro Steel:

**Straight major cutting edges** and a **special flute profile** ensure good chip evacuation. The robust cutting edge 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

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 43.6 mm

Overall length L: 91 mm

Shank Ø  $D_s$ : 8 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.18 mm/rev.

### Technical description

|                     |      |
|---------------------|------|
| Shank Ø $D_s$       | 8 mm |
| Tolerance nominal Ø | h7   |

|   |                   |
|---|-------------------|
| Standard  | DIN 6537          |
| Number of cutting edges Z                         | 2                 |
| recommended maximum drilling depth L <sub>2</sub> | 43.6 mm           |
| Overall length L                                  | 91 mm             |
| Flute length L <sub>c</sub>                       | 53 mm             |
| Nominal Ø D <sub>c</sub>                          | 6.3 mm            |
| Feed f in steel < 900 N/mm <sup>2</sup>           | 0.18 mm/rev.      |
| Series  | HOLEX Pro Steel   |
| Coating   | TiAlN             |
| Tool material                                     | Solid carbide     |
| Drill depth up to                                 | 6×D               |
| Point angle                                       | 140 degrees       |
| Shank   | DIN 6535 HE to h6 |
| Through-coolant                                   | yes, with 25 bar  |
| Machining strategy                                | HPC               |
| Colour ring                                       | green             |
| Type of product                                   | Jobber drill      |