



## HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 13,5 mm or inch



### Order data

|              |               |
|--------------|---------------|
| Order number | 122507 13,5   |
| GTIN         | 4045197832610 |
| 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  $L_2$ : 39.8 mm

Overall length L: 107 mm

Shank Ø  $D_s$ : 14 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.26 mm/rev.

### Technical description

|                           |        |
|---------------------------|--------|
| Overall length L          | 107 mm |
| Flute length $L_c$        | 60 mm  |
| Number of cutting edges Z | 2      |

|  |                   |
|--|-------------------|
| Tolerance nominal $\varnothing$          | h7                |
| Feed f in steel < 900 N/mm <sup>2</sup>  | 0.26 mm/rev.      |
| Standard                                 | DIN 6537 K        |
| Shank $\varnothing D_s$                  | 14 mm             |
| Nominal $\varnothing D_c$                | 13.5 mm           |
| recommended maximum drilling depth $L_2$ | 39.8 mm           |
| Series                                   | HOLEX Pro Steel   |
| Coating                                  | TiAlN             |
| Tool material                            | Solid carbide     |
| Drill depth up to                        | 4×D               |
| Point angle                              | 140 degrees       |
| Shank                                    | DIN 6535 HB to h6 |
| Through-coolant                          | yes, to 25 bar    |
| Machining strategy                       | HPC               |
| Colour ring                              | green             |
| Type of product                          | Jobber drill      |