



## HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 16,2 mm or inch



### Order data

|              |               |
|--------------|---------------|
| Order number | 122502 16,2   |
| GTIN         | 4045197831491 |
| 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  $1.5 \times \text{nominal } \varnothing$ .

##### Note:

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

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 48.7 mm

Overall length L: 123 mm

Shank  $\varnothing D_s$ : 18 mm

Feed f in steel  $< 900 \text{ N/mm}^2$ : 0.28 mm/rev.

### Technical description

|                                 |        |
|---------------------------------|--------|
| Tolerance nominal $\varnothing$ | h7     |
| Overall length L                | 123 mm |
| Flute length $L_c$              | 73 mm  |

|  |                   |
|--|-------------------|
| Standard                                 | DIN 6537 K        |
| Shank $\varnothing D_s$                  | 18 mm             |
| recommended maximum drilling depth $L_2$ | 48.7 mm           |
| Number of cutting edges Z                | 2                 |
| Nominal $\varnothing D_c$                | 16.2 mm           |
| Feed f in steel < 900 N/mm <sup>2</sup>  | 0.28 mm/rev.      |
| Series                                   | HOLEX Pro Steel   |
| Coating                                  | TiAlN             |
| Tool material                            | Solid carbide     |
| Drill depth up to                        | 4xD               |
| Point angle                              | 140 degrees       |
| Shank                                    | DIN 6535 HB to h6 |
| Through-coolant                          | no                |
| Machining strategy                       | HPC               |
| Colour ring                              | green             |
| Type of product                          | Jobber drill      |