



## HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 11,2 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 123303 11,2   |
| GTIN         | 4062406090821 |
| 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:

Flute length (see table) less 1.5×nominal Ø.

#### Note:

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

For process reliability when using the 12×D drill, an initial centre drilling with NC spotting drills No. 121068 - 121130 or HOLEX Pro Steel No. 122501 is necessary.

Form HB and HE supplied at the same price as HA.

Order form **HB**: state **No. 123304**.

Order form **HE**: state **No. 123309**.

Machining strategy: HPC

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 139.5 mm

Overall length L: 204 mm

Shank Ø  $D_s$ : 12 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.2 mm/rev.

### Technical description

|  |                         |
|--|-------------------------|
| Flute length $L_c$                       | 156 mm                  |
| Standard                                 | Manufacturer's standard |
| Nominal $\varnothing D_c$                | 11.2 mm                 |
| Overall length L                         | 204 mm                  |
| Shank $\varnothing D_s$                  | 12 mm                   |
| Tolerance nominal $\varnothing$          | h7                      |
| Feed f in steel < 900 N/mm <sup>2</sup>  | 0.2 mm/rev.             |
| recommended maximum drilling depth $L_2$ | 139.5 mm                |
| Number of cutting edges Z                | 2                       |
| Series                                   | HOLEX Pro Steel         |
| Coating                                  | TiAlN                   |
| Tool material                            | Solid carbide           |
| Drill depth up to                        | 12xD                    |
| Point angle                              | 135 degrees             |
| Shank                                    | DIN 6535 HA to h6       |
| Through-coolant                          | yes, with 25 bar        |
| Machining strategy                       | HPC                     |
| Colour ring                              | green                   |
| Type of product                          | Jobber drill            |