



## HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 7,8 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 123103 7,8    |
| GTIN         | 4045197960436 |
| 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  $L_c = L_2 + 1.5 \times D_c$ .

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

Form **HB**: state **No. 123104**.

Form **HE**: state **No. 123109**.

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  $L_2$ : 64.3 mm

Overall length L: 114 mm

Shank Ø  $D_s$ : 8 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.16 mm/rev.

### Technical description

|  |                         |
|--|-------------------------|
| recommended maximum drilling depth $L_2$ | 64.3 mm                 |
| Feed $f$ in steel $< 900 \text{ N/mm}^2$ | 0.16 mm/rev.            |
| Shank $\varnothing D_s$                  | 8 mm                    |
| Standard                                 | Manufacturer's standard |
| Number of cutting edges $Z$              | 2                       |
| Tolerance nominal $\varnothing$          | h7                      |
| Nominal $\varnothing D_c$                | 7.8 mm                  |
| Overall length $L$                       | 114 mm                  |
| Flute length $L_c$                       | 76 mm                   |
| Series                                   | HOLEX Pro Steel         |
| Coating                                  | TiAlN                   |
| Tool material                            | Solid carbide           |
| Drill depth up to                        | 8×D                     |
| 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            |