



## HOLEX Pro INOX solid carbide high-performance drill, plain shank DIN 6535 HB, AlTiN, Ø DC m7: 7,4mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 122686 7,4    |
| GTIN         | 4067263008859 |
| Item class   | 12F           |

### Description

#### Version:

Efficient drilling especially for use in **stainless and acid-resistant steels**.  
Straight main cutting edges with **optimised cutting edge design** for improved chip breaking behaviour. Enlarged chip grooves for **excellent chip evacuation**. Increased wear resistance due to **improved carbide substrate** and **high temperature resistant coating**.

#### Note:

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

### Technical description

|   |             |
|---|-------------|
| Feed f in stainless steel < 900 N/mm <sup>2</sup> | 0.1 mm/rev. |
| Overall length L                                  | 91 mm       |
| Shank Ø D <sub>s</sub>                            | 8 mm        |
| Nominal Ø D <sub>c</sub>                          | 7.4 mm      |
| Tolerance nominal Ø                               | m7          |
| Standard  | DIN 6537    |
| recommended maximum drilling depth L <sub>2</sub> | 41.9 mm     |
| Flute length L <sub>c</sub>                       | 53 mm       |
| Number of cutting edges Z                         | 2           |
| Series  | Pro Inox    |
| Coating   | AlTiN       |

|                 |                   |
|-----------------|-------------------|
| Tool material   | Solid carbide     |
| Version         | 6×D               |
| Point angle     | 140 degrees       |
| Shank           | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar  |
| Colour ring     | blue              |
| Type of product | Twist Drill       |

### User data

|                               | Suitability                               | V <sub>c</sub> | ISO code |
|-------------------------------|---|----------------|----------|
| Aluminium (short chipping)    | suitable only under restricted conditions | 140 m/min      | N        |
| Alu > 10% Si                  | suitable only under restricted conditions | 120 m/min      | N        |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 120 m/min      | P        |
| Steel < 750 N/mm <sup>2</sup> | suitable                                  | 110 m/min      | P        |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  | 80 m/min       | P        |
| INOX < 900 N/mm <sup>2</sup>  | suitable                                  | 55 m/min       | M        |
| INOX > 900 N/mm <sup>2</sup>  | suitable                                  | 45 m/min       | M        |
| Ti > 850 N/mm <sup>2</sup>    | suitable                                  | 35 m/min       | S        |
| wet maximum                   | suitable                                  |                |          |
| wet minimum                   | suitable only under restricted conditions |                |          |