

# HOLEX Pro Inox solid carbide high-performance drill, plain shank DIN 6535 HA, AlTiN, Ø DC m7: 5,8mm



#### **Order data**

| Order number | GG2685 5,8    |  |  |
|--------------|---------------|--|--|
| GTIN         | 4067263087762 |  |  |
| Item class   | GGN           |  |  |

#### 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 flutes for **excellent chip evacuation.** Increased wear resistance due to **improved carbide substrate** and **high temperature resistant coating. Same as number. 122685.** 

Form HB available with No. GG 1286 at the same price. Form HB only available from  $\geq \emptyset$  3 mm.

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

#### **Technical description**

| Contents  | 5       |  |
|---|---------|--|
| Tolerance nominal Ø                               | m7      |  |
| Number of cutting edges Z                         | 2       |  |
| recommended maximum drilling depth L <sub>2</sub> | 35.3 mm |  |
| Nominal Ø D <sub>c</sub>                          | 5.8 mm  |  |

| Feed f in stainless steel < 900 N/mm <sup>2</sup> | 0.08 mm/rev.      |  |  |
|---|-------------------|--|--|
| Flute length L <sub>c</sub>                       | 44 mm             |  |  |
| Shank Ø D <sub>s</sub>                            | 6 mm              |  |  |
| Standard  | DIN 6537          |  |  |
| Overall length L                                  | 82 mm             |  |  |
| Series  | Pro Inox          |  |  |
| Coating   | AlTiN             |  |  |
| Tool material                                     | Solid carbide     |  |  |
| Version   | 6×D               |  |  |
| Point angle                                       | 140 degrees       |  |  |
| Shank   | DIN 6535 HA to h6 |  |  |
| Through-coolant                                   | yes, with 25 bar  |  |  |
| Colour ring                                       | blue              |  |  |
| Type of product                                   | Twist Drill       |  |  |

## **User data**

|                                | Suitability                               | <b>V</b> <sub>c</sub> | ISO code |
|--------------------------------|---|-----------------------|----------|
| Aluminium (short chipping)     | suitable only under restricted conditions |                       |          |
| Alu > 10% Si                   | suitable only under restricted conditions |                       |          |
| Steel < 500 N/mm <sup>2</sup>  | suitable                                  |                       |          |
| Steel < 750 N/mm²              | suitable                                  |                       |          |
| Steel < 900 N/mm <sup>2</sup>  | suitable                                  |                       |          |
| Steel < 1100 N/mm <sup>2</sup> | suitable                                  |                       |          |
| INOX < 900 N/mm <sup>2</sup>   | suitable                                  |                       |          |
| INOX > 900 N/mm <sup>2</sup>   | suitable                                  |                       |          |
| Ti > 850 N/mm <sup>2</sup>     | suitable                                  |                       |          |
| wet maximum                    | suitable                                  |                       |          |

## Data sheet

# **⚠** Hoffmann Group

wet minimum

suitable only under restricted conditions

#### **Accessories**

HOLEX Pro Inox solid carbide high-performance drill, plain shankDIN 6535 HA Ø DC m7 5,8 mm

122685 5,8