



## HOLEX Pro INOX solid carbide high-performance drill, plain shank DIN 6535 HB, AlTiN, Ø DC m7: 18,5mm



### Order data

Order number	122391 18,5
GTIN	4067263007319
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

Number of cutting edges Z	2
Tolerance nominal Ø	m7
Shank Ø D <sub>s</sub>	20 mm
Standard	DIN 6537 K
recommended maximum drilling depth L <sub>2</sub>	51.3 mm
Flute length L <sub>c</sub>	79 mm
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.19 mm/rev.
Nominal Ø D <sub>c</sub>	18.5 mm
Overall length L	131 mm
Series	Pro Inox
Coating	AlTiN

Tool material	Solid carbide
Version	4xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
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	80 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	75 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	65 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	35 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	30 m/min	M
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		