

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

Order data

Order number	122492 18,5
GTIN	4067263011583
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 $L_c = L_2 + 1.5 \times D_c$.

HB and HE shanks are available at the same price as HA.

For **HB shanks**: use order **no. 122491**.

For **HE shanks**: use order **no. 122492**.

Technical description

recommended maximum drilling depth L_2	51.3 mm
Flute length L_c	79 mm
Standard	DIN 6537 K
Feed f in stainless steel $< 900 \text{ N/mm}^2$	0.19 mm/rev.
Overall length L	131 mm
Number of cutting edges Z	2
Shank $\varnothing D_s$	20 mm
Nominal $\varnothing D_c$	18.5 mm
Tolerance nominal \varnothing	m7

Series	Pro Inox
Coating	AlTiN
Tool material	Solid carbide
Version	4xD
Point angle	140 degrees
Shank	DIN 6535 HE to h6
Through-coolant	yes, with 25 bar
Colour ring	blue
Type of product	Twist Drill

User data

	Suitability	V _c	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 ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	110 m/min	P
Steel < 900 N/mm ²	suitable	80 m/min	P
INOX < 900 N/mm ²	suitable	55 m/min	M
INOX > 900 N/mm ²	suitable	45 m/min	M
Ti > 850 N/mm ²	suitable	35 m/min	S
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		