



## HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, Ø DC h7 (mm or inch): 19,5



### Order data

Order number	122778 19,5
GTIN	4045197837912
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.

#### Note:

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

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 71.8 mm

Overall length L: 153 mm

Shank Ø  $D_s$ : 20 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.28 mm/rev.

### Technical description

Flute length $L_c$	101 mm
Number of cutting edges Z	2
Overall length L	153 mm
Tolerance nominal Ø	h7

recommended maximum drilling depth $L_2$	71.8 mm
Standard	DIN 6537
Nominal $\varnothing D_c$	19.5 mm
Shank $\varnothing D_s$	20 mm
Feed $f$ in steel $< 900 \text{ N/mm}^2$	0.28 mm/rev.
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Version	6xD
Point angle	140°
Shank	DIN 6535 HE to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill

## User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable only under restricted conditions	250 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	200 m/min	N
Alu $> 10\% \text{ Si}$	suitable only under restricted conditions	160 m/min	N
Steel $< 500 \text{ N/mm}^2$	suitable	125 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	115 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	95 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	90 m/min	P
Steel $< 1400 \text{ N/mm}^2$	suitable	65 m/min	P
INOX $< 900 \text{ N/mm}^2$	suitable	35 m/min	M

INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	30 m/min	M
GG	suitable	100 m/min	K
GGG	suitable	65 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		