



## HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, Ø DC h7 (mm or inch): 21/32



### Order data

Order number	122503 21/32
GTIN	4062406122119
Item class	12F

### Description

#### Version:

**Straight major cutting edges** and a **special flute profile** ensure good chip evacuation. The robust cutter 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 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 49.645 mm

Overall length L: 123 mm

Shank Ø  $D_s$ : 18 mm

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

### Technical description

Flute length $L_c$	73 mm
Shank Ø $D_s$	18 mm
Number of cutting edges Z	2
Standard	DIN 6537 K
Overall length L	123 mm

Inch nominal $\varnothing$ corresponds to	16.67 mm
recommended maximum drilling depth $L_2$	49.645 mm
Feed $f$ in steel $< 900 \text{ N/mm}^2$	0.28 mm/rev.
Tolerance nominal $\varnothing$	h7
Coating	TiAlN
Tool material	Solid carbide
Version	4xD
Point angle	140°
Shank	DIN 6535 HE to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill

## User data

	Suitability	$V_c$	ISO code
Steel $< 500 \text{ N/mm}^2$	suitable	115 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	105 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	85 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	80 m/min	P
Steel $< 1400 \text{ N/mm}^2$	suitable	60 m/min	P
INOX $< 900 \text{ N/mm}^2$	suitable	30 m/min	M
INOX $> 900 \text{ N/mm}^2$	suitable only under restricted conditions	25 m/min	M
GG	suitable	90 m/min	K
GGG	suitable	55 m/min	K
wet maximum	suitable		
dry	suitable		

