

**HOLEX**
**HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, Ø DC h7 (mm or inch): 16,5**

**Order data**

Order number	122503 16,5
GTIN	4045197835260
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  $L_2$ : 48.3 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
recommended maximum drilling depth $L_2$	48.3 mm
Nominal Ø $D_c$	16.5 mm
Number of cutting edges Z	2
Shank Ø $D_s$	18 mm

Feed f in steel < 900 N/mm <sup>2</sup>	0.28 mm/rev.
Tolerance nominal Ø	h7
Standard	DIN 6537 K
Overall length L	123 mm
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 <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	115 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	105 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	85 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	60 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	30 m/min	M
INOX > 900 N/mm <sup>2</sup>	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		

