



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



### Order data

Order number	122503 16
GTIN	4045197835246
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  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 41 mm

Overall length L: 115 mm

Shank  $\varnothing D_s$ : 16 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.26 mm/rev.

### Technical description

Shank $\varnothing D_s$	16 mm
recommended maximum drilling depth $L_2$	41 mm
Feed f in steel < 900 N/mm <sup>2</sup>	0.26 mm/rev.
Number of cutting edges Z	2
Tolerance nominal $\varnothing$	h7

Flute length $L_c$	65 mm
Standard	DIN 6537 K
Nominal $\varnothing D_c$	16 mm
Overall length L	115 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	$V_c$	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		

