



## HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 5,1 mm or inch



### Order data

Order number	122777 5,1
GTIN	4045197833112
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.

#### Recommendation:

#### Maximum drilling depth:

clamping slot length (see table) less  $1.5 \times$  nominal  $\varnothing$ .

#### Note:

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

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 36.4 mm

Overall length L: 82 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.14 mm/rev.

### Technical description

Nominal $\varnothing D_c$	5.1 mm
Shank $\varnothing D_s$	6 mm

Standard	DIN 6537
recommended maximum drilling depth $L_2$	36.4 mm
Flute length $L_c$	44 mm
Overall length $L$	82 mm
Feed $f$ in steel $< 900 \text{ N/mm}^2$	0.14 mm/rev.
Number of cutting edges $Z$	2
Tolerance nominal $\varnothing$	h7
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, to 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill