



## HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 18,5 mm or inch



### Order data

Order number	122502 18,5
GTIN	4045197831590
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.

#### Recommendation:

##### Maximum drilling depth:

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

##### 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  $L_2$ : 51.3 mm

Overall length L: 131 mm

Shank  $\varnothing D_s$ : 20 mm

Feed f in steel  $< 900 \text{ N/mm}^2$ : 0.28 mm/rev.

### Technical description

Number of cutting edges Z	2
Feed f in steel $< 900 \text{ N/mm}^2$	0.28 mm/rev.
Flute length $L_c$	79 mm

Tolerance nominal $\varnothing$	h7
Standard	DIN 6537 K
Overall length L	131 mm
Nominal $\varnothing D_c$	18.5 mm
Shank $\varnothing D_s$	20 mm
recommended maximum drilling depth $L_2$	51.3 mm
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill