



## HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 13,5 mm



### Order data

Order number	123103 13,5
GTIN	4045197960764
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:

Flute length (see table) less 1.5×nominal Ø.

#### Note:

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

Version HB and HE supplied at the same price as HA.

Form **HB**: state **No. 123104**.

Form **HE**: state **No. 123109**.

Machining strategy: HPC

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 112.8 mm

Overall length L: 178 mm

Shank Ø  $D_s$ : 14 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.23 mm/rev.

### Technical description

Shank $\varnothing D_s$	14 mm
Number of cutting edges Z	2
Tolerance nominal $\varnothing$	h7
Nominal $\varnothing D_c$	13.5 mm
Flute length $L_c$	133 mm
Standard	Manufacturer's standard
recommended maximum drilling depth $L_2$	112.8 mm
Overall length L	178 mm
Feed f in steel < 900 N/mm <sup>2</sup>	0.23 mm/rev.
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8×D
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill