



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



Order data

Order number	123303 13
GTIN	4045197961259
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 $L_c = L_2 + 1.5 \times D_c$.

For process reliability when using the 12×D drill, an initial centre drilling with NC spotting drills No. 121068 - 121130 or HOLEX Pro Steel No. 122501 is necessary.

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

Order form **HB**: state **No. 123304**.

Order form **HE**: state **No. 123309**.

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 : 162.5 mm

Overall length L: 230 mm

Shank Ø D_s : 14 mm

Feed f in steel < 900 N/mm²: 0.23 mm/rev.

Technical description

Nominal $\varnothing D_c$	13 mm
Overall length L	230 mm
Shank $\varnothing D_s$	14 mm
Standard	Manufacturer's standard
Flute length L_c	182 mm
Feed f in steel < 900 N/mm ²	0.23 mm/rev.
Number of cutting edges Z	2
Tolerance nominal \varnothing	h7
recommended maximum drilling depth L_2	162.5 mm
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	12xD
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