HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, ⌀ DC h7: 4,6 mm



Order data

Order number	123309 4,6
GTIN	4062406091859
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 ⌀.
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.
Machining strategy: HPC
Standard: Manufacturer's standard
Tolerance nominal ⌀: h7
Number of cutting edges Z: 2
Tolerance nominal ⌀: h7
recommended maximum drilling depth L_2: 57.1 mm
Overall length L: 102 mm
Shank ⌀ D_s: 6 mm
Feed f in steel < 900 N/mm^2: 0.13 mm/rev.

Technical description

Tolerance nominal ⌀	h7

Flute length L_c	64 mm
Shank ⌀ D_s	6 mm
recommended maximum drilling depth L_2	57.1 mm
Number of cutting edges Z	2
Feed f in steel < 900 N/mm^2	0.13 mm/rev.
Standard	Manufacturer's standard
Overall length L	102 mm
Nominal ⌀ D_C	4.6 mm
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	12×D
Point angle	135 degrees
Shank	DIN 6535 HE to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill