



HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7 (mm or inch): 4,6 mm or inch



Order data

Order number	122776 4,6
GTIN	4045197827234
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.

Up to Ø 1.9 with 4 facets, from Ø 2 with relieved cone.

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. 122777**.

Form **HE**: state **No. 122778**.

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 29.1 mm

Overall length L: 74 mm

Shank Ø D_s : 6 mm

Feed f in steel < 900 N/mm²: 0.14 mm/rev.

Technical description

Overall length L	74 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	4.6 mm
Flute length L_c	36 mm
Shank $\varnothing D_s$	6 mm
Tolerance nominal \varnothing	h7
recommended maximum drilling depth L_2	29.1 mm
Feed f in steel < 900 N/mm ²	0.14 mm/rev.
Standard	DIN 6537
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill