



HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 16,5 mm or inch



Order data

Order number	122777 16,5
GTIN	4045197834034
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:

clamping slot length (see table) less 1.5×nominal Ø.

Note:

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

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 : 68.3 mm

Overall length L: 143 mm

Shank Ø D_s : 18 mm

Feed f in steel < 900 N/mm²: 0.28 mm/rev.

Technical description

recommended maximum drilling depth L_2	68.3 mm
Standard	DIN 6537

Feed f in steel < 900 N/mm ²	0.28 mm/rev.
Tolerance nominal Ø	h7
Overall length L	143 mm
Shank Ø D _s	18 mm
Flute length L _c	93 mm
Nominal Ø D _c	16.5 mm
Number of cutting edges Z	2
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, to 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill