



HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 8,1 mm



Order data

Order number	123104 8,1
GTIN	4045197961686
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 $L_c = L_2 + 1.5 \times D_c$.

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 : 82.9 mm

Overall length L: 142 mm

Shank Ø D_s : 10 mm

Feed f in steel < 900 N/mm²: 0.18 mm/rev.

Technical description

recommended maximum drilling depth L_2	82.9 mm
Standard	Manufacturer's standard

Number of cutting edges Z	2
Feed f in steel < 900 N/mm ²	0.18 mm/rev.
Shank Ø D _s	10 mm
Tolerance nominal Ø	h7
Nominal Ø D _c	8.1 mm
Flute length L _c	95 mm
Overall length L	142 mm
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8×D
Point angle	135 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill