Hoffmann Group

HOLEX

HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7 (mm or inch): 11,5 mm or inch

Order data

Order number	122501 11,5
GTIN	4045197825049
Item class	12F

Description

Version:
HOLEX Pro Steel:
Straight major cutting edges and a **special flute profile** ensure good chip evacuation. The robust cutter 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 an extremely wear-resistant coating.
Up to Ø 1.9 with 4 facets, from Ø 2 with relieved cone.
Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry. Straight major cutting edges** with slightly honed edges and special flute profile produce **short chips.**
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. 122502**.
Form **HE:** state **No. 122503**.
Machining strategy: HPC
Standard: DIN 6537 K
Tolerance nominal Ø: h7
Number of cutting edges Z: 2
Tolerance nominal Ø: h7
recommended maximum drilling depth L_2: 37.8 mm
Overall length L: 102 mm
Shank Ø D_s: 12 mm
Feed f in steel < 900 N/mm^2: 0.22 mm/rev.

Technical description

Feed f in steel < 900 N/mm^2	0.22 mm/rev.
Number of cutting edges Z	2
Standard	DIN 6537 K
Shank $\varnothing$ D$_s$	12 mm
Overall length L	102 mm
Tolerance nominal $\varnothing$	h7
Flute length L$_c$	55 mm
Nominal $\varnothing$ D$_C$	11.5 mm
recommended maximum drilling depth L$_2$	37.8 mm
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill