

HOLEX
HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7 (mm or inch): 2,1 mm or inch

Order data

Order number	122501 2,1
GTIN	4045197824103
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 $1.5 \times \text{nominal } \varnothing$.

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 : 9.4 mm

Overall length L: 55 mm

Shank Ø D_s : 4 mm

Feed f in steel $< 900 \text{ N/mm}^2$: 0.07 mm/rev.

Technical description

Standard	DIN 6537 K
Shank $\varnothing D_s$	4 mm
Flute length L_c	12.5 mm
Number of cutting edges Z	2
Overall length L	55 mm
Tolerance nominal \varnothing	h7
Nominal $\varnothing D_c$	2.1 mm
Feed f in steel < 900 N/mm ²	0.07 mm/rev.
recommended maximum drilling depth L_2	9.4 mm
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4xD
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill