



HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 7/16



Order data

Order number	122507 7/16
GTIN	4062406126520
Item class	12F

Description

Version:

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 extremely wear-resistant coating.

Note:

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

Standard: DIN 6537 K

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 38.335 mm

Overall length L: 102 mm

Shank $\varnothing D_s$: 12 mm

Feed f in steel < 900 N/mm²: 0.22 mm/rev.

Technical description

Standard	DIN 6537 K
Number of cutting edges Z	2
Flute length L_c	55 mm
Tolerance nominal \varnothing	h7
Overall length L	102 mm
Shank $\varnothing D_s$	12 mm

Feed f in steel < 900 N/mm ²	0.22 mm/rev.
Inch nominal Ø corresponds to	11.11 mm
recommended maximum drilling depth L ₂	38.335 mm
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Version	4xD
Point angle	140 °
Shank	DIN 6535 HB to h6
Through-coolant	yes, to 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Alu plastics	suitable only under restricted conditions	250 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	200 m/min	N
Alu > 10% Si	suitable only under restricted conditions	160 m/min	N
Steel < 500 N/mm ²	suitable	125 m/min	P
Steel < 750 N/mm ²	suitable	115 m/min	P
Steel < 900 N/mm ²	suitable	95 m/min	P
Steel < 1100 N/mm ²	suitable	90 m/min	P
Steel < 1400 N/mm ²	suitable	65 m/min	P
INOX < 900 N/mm ²	suitable	35 m/min	M

INOX > 900 N/mm ²	suitable only under restricted conditions	30 m/min	M
GG	suitable	100 m/min	K
GGG	suitable	65 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		