



## HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 4,71-Xmm



### Order data

Order number	123304 4,71-X
GTIN	4062406662585
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.

#### Note:

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

For process reliability when using the 12xD drill, an initial centre drilling with NC spotting drills No. 121068 - 121130 or HOLEX Pro Steel No. 122501 is necessary. Delivery time: 10 weeks

Minimum order quantity: 5 pieces

Items made to order for a specific customer: Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement. Items cannot be returned. We reserve the right to over-deliver or under-deliver by  $\pm 10\%$  (minimum 1 piece).

### Technical description

Ø range	4.71 - 6 mm
Overall length L	116 mm
Standard	Manufacturer's standard
Flute length $L_c$	78 mm
Shank Ø $D_s$	6 mm
Number of cutting edges Z	2

Tolerance nominal $\varnothing$	h7
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Version	12xD
Point angle	135 degrees
Shank	DIN 6535 HB
Through-coolant	yes, with 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 <sup>2</sup>	suitable	125 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	115 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	95 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	65 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	35 m/min	M
INOX > 900 N/mm <sup>2</sup>	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		