



HOLEX Pro Tap machine tap HSS-E, TiN, UNC: 5/16-18



Order data

Order number	133375 5/16-18
GTIN	4062406374259
Item class	12I

Description

Version:

HOLEX Pro Tap general-purpose tap. Sturdy design suitable for a wide spectrum of materials.
Improved HSS-E tool material with low-friction TiN coating.

Application:

For UNC uniform coarse threads ASME – B1.1.

Thread type: UNC

Tool material: HSS E

Standard: DIN 371

Threads per inch: 18

Thread Ø: 7.94 mm

Overall length L: 90 mm

Shank Ø D_s: 6 mm

Shank square □: 4.8 mm

Tapping hole Ø: 6.6 mm

Technical description

Thread type	UNC
Number of cutting edges Z	3
Shank square □	4.8 mm
Threads per inch	18
Thread Ø	7.94 mm
Tapping hole Ø	6.6 mm
Overall length L	90 mm

Thread depth	23.82 mm
Standard	DIN 371
Thread pitch	1.411 mm
Thread size	5/16-18 UNC
Number of clamping slots	3
Tool material	HSS E
Shank $\varnothing D_s$	6 mm
Coating	TiN
Flank angle	60°
Tolerance class	2B
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Type of product	Tap

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	24 m/min	N
Aluminium (short chipping)	suitable	25 m/min	N
Alu > 10% Si	suitable	10 m/min	N
Steel < 500 N/mm ²	suitable	24 m/min	P
Steel < 750 N/mm ²	suitable	20 m/min	P
Steel < 900 N/mm ²	suitable	15 m/min	P

Steel < 1100 N/mm ²	suitable only under restricted conditions	8 m/min	P
INOX < 900 N/mm ²	suitable	8 m/min	M
CuZn	suitable only under restricted conditions	15 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		