



## HOLEX Pro Tap machine tap HSS-E, TiN, UNF: 9/16-18



### Order data

Order number	133425 9/16-18
GTIN	4062406374365
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 UNF unified fine threads ASME – B1.1.**

Thread type: UNF

Tool material: HSS E

Standard: DIN 376

Threads per inch: 18

Thread Ø: 14.29 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 11 mm

Shank square □: 9 mm

Tapping hole Ø: 12.9 mm

### Technical description

Overall length L	100 mm
Shank square □	9 mm
Thread Ø	14.29 mm
Tapping hole Ø	12.9 mm
Shank Ø D <sub>s</sub>	11 mm
Thread depth	57.16 mm

Tool material	HSS E
Thread type	UNF
Thread pitch	1.411 mm
Standard	DIN 376
Number of clamping slots	3
Number of cutting edges Z	3
Threads per inch	18
Thread size	9/16-18 UNF
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
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	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 <sup>2</sup>	suitable	24 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	20 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	15 m/min	P

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