



## HOLEX Pro Tap machine tap HSS-E, TiN, UNF: 3/4-16



### Order data

Order number	138050 3/4-16
GTIN	4062406374976
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 uniform fine threads ASME – B1.1.**

### Technical description

Threads per inch	16
Thread depth	47.63 mm
Number of cutting edges Z	4
Tool material	HSS E
Thread $\varnothing$	19.05 mm
Tapping hole $\varnothing$	17.5 mm
Number of clamping slots	4
Thread size	3/4-16 UNF
Overall length L	110 mm
Thread pitch	1.587 mm
Standard	DIN 374
Shank $\varnothing D_s$	14 mm

Thread type	UNF
Shank square <input type="checkbox"/>	11 mm
Series	Pro Tap
Coating	TiN
Flank angle	60°
Tolerance class	2B
Taper lead form	C
Helix angle	40°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind 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 <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