



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.

Thread type: UNF

Tool material: HSS E

Standard: DIN 374

Threads per inch: 16

Thread Ø: 19.05 mm

Overall length L: 110 mm

Shank Ø D_s: 14 mm

Shank square □: 11 mm

Tapping hole Ø: 17.5 mm

Technical description

Threads per inch	16
Thread depth	47.63 mm
Number of cutting edges Z	4
Tool material	HSS E
Thread Ø	19.05 mm
Tapping hole Ø	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 \square	11 mm
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_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		