



HOLEX Pro Tap machine tap HSS-E, TiN, UNF: 5/8-18



Order data

Order number	138050 5/8-18
GTIN	4062406374969
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

Thread pitch	1.411 mm
Number of cutting edges Z	3
Thread \varnothing	15.88 mm
Shank $\varnothing D_s$	12 mm
Standard	DIN 374
Tool material	HSS E
Threads per inch	18
Tapping hole \varnothing	14.5 mm
Number of clamping slots	3
Shank square \square	9 mm
Thread type	UNF
Overall length L	100 mm

Thread size	5/8-18 UNF
Thread depth	39.7 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 _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