

**HOLEX Pro Tap machine tap HSS-E 6H, TiN, MF: 5X0,5****Order data**

Order number	137170 5X0,5
GTIN	4062406374532
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.**

**Technical description**

Number of clamping slots	3
Tapping hole $\varnothing$	4.5 mm
Shank square $\square$	2.7 mm
Thread $\varnothing$	5 mm
Overall length L	70 mm
Tolerance class	ISO 2 6H
Thread depth	12.5 mm
Thread pitch	0.5 mm
Tool material	HSS E
Thread type	MF
Standard	DIN 374
Number of cutting edges Z	3
Shank $\varnothing D_s$	3.5 mm
Thread size	M5x0.5

Coating	TiN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
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
Series	Pro Tap
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