



## HOLEX Pro Tap machine tap HSS-E Form C, TiN, M: M6



### Order data

Order number	135910 M6
GTIN	4062406374433
Item class	12I

### Description

#### Version:

**Form C** (2–3 turns lead chamfer).

**HOLEX Pro Tap general-purpose tap.** Sturdy design suitable for a wide spectrum of materials.

**Improved HSS-E tool material** with **friction-reduction TiN coating**.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 80 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$ : 5 mm

### Technical description

Thread pitch	1 mm
Tolerance class	ISO 2 6H
Overall length L	80 mm
Thread size	M6
Number of clamping slots	3
Shank square $\square$	4.9 mm
Standard	DIN 371
Shank $\varnothing D_s$	6 mm

Tool material	HSS E
Thread Ø	6 mm
Tapping hole Ø	5 mm
Number of cutting edges Z	3
Thread depth	18 mm
Thread type	M
Coating	TiN
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	40°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×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		