



HOLEX Pro Form fluteless machine tap without oil grooves 6HX, TiN, M: M4



Order data

Order number	139130 M4
GTIN	4069515003308
Item class	12I

Description

Version:

DIN 2174 ($\approx$ **DIN 371** $\leq$ M10; $\approx$ **DIN 376** $\geq$ M12).

Size M1–M1.4 – **tolerance class:** ISO 1X / 4HX.

HOLEX Pro Form: High-performance fluteless tap for use in a **wide range of materials**.

- **HSS-E-PM tool material for high wear resistance.**
- **The latest-generation optimised HIPIMS TiN coating.**

Technical description

Thread pitch	0.7 mm
Tapping hole Ø guide value	3.7 mm
Shank Ø D _s	4.5 mm
Overall length L	63 mm
Series	Pro Form
Thread depth	6 mm
Tolerance class	ISO 2X 6HX
Number of cutting edges Z	4
Thread size	M4
Thread Ø	4 mm
Number of clamping slots	4
Shank square □	3.4 mm

Data sheet

Coating	TiN
Thread type	M
Flank angle	60 degrees
Tool material	HSS E PM
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 1.5×D for blind holes
Application for type of drilling	up to 1.5×D for through holes
Cutting direction	right-hand
Colour ring	green
Type of product	Fluteless tap

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	20 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	20 m/min	N
Steel < 500 N/mm ²	suitable	27 m/min	P
Steel < 750 N/mm ²	suitable	25 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
Steel < 1100 N/mm ²	suitable	10 m/min	P
INOX < 900 N/mm ²	suitable	8 m/min	M
CuZn	suitable only under restricted conditions	20 m/min	N
Uni	suitable		
Oil	suitable		

wet maximum	suitable
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