



HOLEX Pro Form fluteless machine tap without oil grooves 6GX, TiN, M: M3



Order data

Order number	139143 M3
GTIN	4069515003384
Item class	12I

Description

Version:

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

Tolerance class: ISO 3X / 6GX = **Oversize 0.02 – 0.04 mm.**

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.**

Application:

For components which are **galvanised after threading** or which shrink slightly when hardened.

Technical description

Thread Ø	3 mm
Number of cutting edges Z	3
Series	Pro Form
Thread pitch	0.5 mm
Tapping hole Ø guide value	2.8 mm
Tolerance class	ISO 3X 6GX
Number of clamping slots	3
Thread size	M2.7
Overall length L	56 mm
Shank square □	2.7 mm
Shank Ø D _s	3.5 mm

Data sheet

Thread depth	4.5 mm
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 through holes
Application for type of drilling	up to 1.5×D for blind 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		

Data sheet

Oil	suitable
wet maximum	suitable