

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM Form C 6GX, TiN, M: M2**

**Order data**

Order number	139190 M2
GTIN	4045197509321
Item class	11H

**Description**
**Version:**

**DIN 2174** ( $\approx$  DIN 371  $\leq$  M10;  $\approx$  DIN 376  $\geq$  M12). **With oil grooves; optimum lubrication effect even in deeper threads.**

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

The **innovative polygon form** permits a wide application spectrum. The **multi-function layer structure** achieves **maximum service life** even in **high-tensile materials**.

**Application:**

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

Tolerance class: ISO 3X 6GX

Thread pitch: 0.4 mm

Overall length L: 45 mm

Shank  $\varnothing$  D<sub>s</sub>: 2.8 mm

Shank square □: 2.1 mm

Tapping hole  $\varnothing$  with guide value: 1.85 mm

**Technical description**

Number of cutting edges Z	3
Number of clamping slots	3
Thread $\varnothing$	2 mm
Thread pitch	0.4 mm
Shank $\varnothing$ D <sub>s</sub>	2.8 mm
Shank square □	2.1 mm
Overall length L	45 mm

Tapping hole Ø with guide value	1.85 mm
Tolerance class	ISO 3X 6GX
Thread depth	6 mm
Thread size	M2
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 3×D for blind holes and through holes
Cutting direction	right-hand
Colour ring	green
Type of product	Fluteless tap