

**Garant**
**Fluteless machine tap without oil grooves HSS-E-PM 6GX, TiN, M: M6**

**Order data**

Order number	139135 M6
GTIN	4045197508805
Item class	11H

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

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

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

**Application:**

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

Tolerance class: ISO 3X 6GX

Thread pitch: 1 mm

Overall length L: 80 mm

Shank  $\varnothing$  D<sub>s</sub>: 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$  with guide value: 5.55 mm

**Technical description**

Number of clamping slots	5
Thread $\varnothing$	6 mm
Number of cutting edges Z	5
Thread pitch	1 mm
Shank $\varnothing$ D <sub>s</sub>	6 mm
Shank square $\square$	4.9 mm
Overall length L	80 mm
Tapping hole $\varnothing$ with guide value	5.55 mm

Tolerance class	ISO 3X 6GX
Thread depth	9 mm
Thread size	M6
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 1.5xD for blind holes and through holes
Cutting direction	right-hand
Colour ring	green
Type of product	Fluteless tap