

**Garant**
**Fluteless machine tap without oil grooves HSS-E-PM 6GX, TiN, M: M10**

**Order data**

Order number	139135 M10
GTIN	4045197508829
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: 1.5 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 10 mm

Shank square  $\square$ : 8 mm

Tapping hole  $\varnothing$  with guide value: 9.35 mm

**Technical description**

Number of cutting edges Z	5
Number of clamping slots	5
Thread pitch	1.5 mm
Thread $\varnothing$	10 mm
Shank $\varnothing D_s$	10 mm
Shank square $\square$	8 mm
Overall length L	100 mm
Tapping hole $\varnothing$ with guide value	9.35 mm

Tolerance class	ISO 3X 6GX
Thread depth	15 mm
Thread size	M10
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