

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM Form C 6HX, TiAlN, M: M6**

**Order data**

Order number	139171 M6
GTIN	4045197541833
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 2X/6HX.

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

Special **TiAlN coating**, highly suitable for **aluminium alloys**.

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

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

**Technical description**

Number of cutting edges Z	5
Thread $\varnothing$	6 mm
Thread pitch	1 mm
Number of clamping slots	5
Shank $\varnothing D_s$	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 2X 6HX
Thread depth	16 mm
Thread size	M6
Coating	TiAlN
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	yellow
Type of product	Fluteless tap