

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM Form C 6HX, TiAlN, M: M3**

**Order data**

Order number	139171 M3
GTIN	4045197541802
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: 0.5 mm

Overall length L: 56 mm

Shank  $\varnothing D_s$ : 3.5 mm

Shank square  $\square$ : 2.7 mm

Tapping hole  $\varnothing$  with guide value: 2.8 mm

**Technical description**

Number of clamping slots	3
Number of cutting edges Z	3
Thread $\varnothing$	3 mm
Thread pitch	0.5 mm
Shank $\varnothing D_s$	3.5 mm
Shank square $\square$	2.7 mm
Overall length L	56 mm
Tapping hole $\varnothing$ with guide value	2.8 mm

Tolerance class	ISO 2X 6HX
Thread depth	9 mm
Thread size	M3
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 3xD for blind holes and through holes
Cutting direction	right-hand
Colour ring	yellow
Type of product	Fluteless tap