

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM Form C 6HX, TiN, M: M12**

**Order data**

Order number	139178 M12
GTIN	4045197509161
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**.

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank  $\varnothing$  D<sub>s</sub>: 9 mm

Shank square □: 7 mm

Tapping hole  $\varnothing$  with guide value: 11.2 mm

**Technical description**

Thread pitch	1.75 mm
Number of clamping slots	5
Thread $\varnothing$	12 mm
Number of cutting edges Z	5
Shank $\varnothing$ D <sub>s</sub>	9 mm
Shank square □	7 mm
Overall length L	110 mm
Tapping hole $\varnothing$ with guide value	11.2 mm

Tolerance class	ISO 2X 6HX
Thread depth	36 mm
Thread size	M12
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