

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

Order data

Order number	139190 M12
GTIN	4045197509390
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 3X / 6GX = **Oversize 0.02 – 0.04 mm.**

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

Application:

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

Tolerance class: ISO 3X 6GX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank \varnothing D_s: 9 mm

Shank square □: 7 mm

Tapping hole \varnothing with guide value: 11.2 mm

Technical description

Thread pitch	1.75 mm
Number of cutting edges Z	5
Number of clamping slots	5
Thread \varnothing	12 mm
Shank \varnothing D _s	9 mm
Shank square □	7 mm
Overall length L	110 mm

Tapping hole Ø with guide value	11.2 mm
Tolerance class	ISO 3X 6GX
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