

Garant
Fluteless machine tap with oil grooves HSS-E-PM Form C 6GX, TiAlN, M: M10

Order data

Order number	139205 M10
GTIN	4062406383589
Item class	11I

Description
Version:

The latest generation of **high-performance fluteless taps**, specially developed for **use in steel materials**.

- **Optimised polygon geometry for a lower torque.**
- **Multi-layer HIPIMS coating for high wear resistance.**
- **HSS-E-PM substrate for exceptional process reliability.**

DIN 2174 (≈ DIN 371 ≤ M10; ≈ DIN 376 ≥ M12). With oil grooves; optimum lubrication effect even in deeper threads.

Tolerance class: ISO 3X/6GX.

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 Ø D_s: 10 mm

Shank square □: 8 mm

Tapping hole Ø guide value: 9.35 mm

Technical description

Tolerance class	ISO 3X 6GX
Overall length L	100 mm
Tapping hole Ø guide value	9.35 mm
Shank square □	8 mm
Shank Ø D _s	10 mm

Series	GARANT Master Steel
Thread size	M10
Number of cutting edges Z	6
Thread Ø	10 mm
Number of clamping slots	6
Thread pitch	1.5 mm
Thread depth	30 mm
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	without
Type of product	Fluteless tap