

Garant
GARANT Master Form Steel fluteless machine tap with oil grooves HSS-E-PM Form C 6HX, TiAlN, M: M2

Order data

Order number	139194 M2
GTIN	4062406373542
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).

Tolerance class: ISO 2X/6HX.

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Thread pitch: 0.4 mm

Overall length L: 45 mm

Shank Ø D_s: 2.8 mm

Shank square □: 2.1 mm

Tapping hole Ø guide value: 1.85 mm

Technical description

Overall length L	45 mm
Series	GARANT Master Steel
Thread size	M2
Thread pitch	0.4 mm
Thread Ø	2 mm
Shank Ø D _s	2.8 mm

Shank square ☐	2.1 mm
Number of cutting edges Z	3
Number of clamping slots	3
Tolerance class	ISO 2X 6HX
Tapping hole Ø guide value	1.85 mm
Thread depth	6 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 3xD for blind holes and through holes
Cutting direction	right-hand
Colour ring	without
Type of product	Fluteless tap