

Garant
GARANT Master Form Steel fluteless machine tap with oil grooves Left-hand thread HSS-E-PM Form C 6HX, TiAlN, M-LH: M4

Order data

Order number	139255 M4
GTIN	4062406383763
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

Thread pitch: 0.7 mm

Overall length L: 63 mm

Shank Ø D_s: 4.5 mm

Shank square □: 3.4 mm

Tapping hole Ø guide value: 3.7 mm

Technical description

Tapping hole Ø guide value	3.7 mm
Overall length L	63 mm
Thread Ø	4 mm
Tolerance class	ISO 2X 6HX
Number of cutting edges Z	5
Series	GARANT Master Steel
Shank Ø D _s	4.5 mm

Thread depth	12 mm
Thread size	M-LH4
Thread pitch	0.7 mm
Number of clamping slots	5
Shank square □	3.4 mm
Coating	TiAlN
Thread type	M-LH
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