

Garant**GARANT Master Tap machine tap Left-hand thread, AlTiX, MF-LH: 12X1,5****Order data**

Order number	137190 12X1,5
GTIN	4045197901422
Item class	11I

Description**Version:**

Universal taps, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for a high degree of wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

Thread type: MF-LH

Tool material: HSS E PM

Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm

Overall length L: 100 mm

Shank Ø D_s: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 10.5 mm

Technical description

Tool material	HSS E PM
Tolerance class	ISO 2X 6HX
Standard	DIN 374
Overall length L	100 mm
Thread type	MF-LH
Shank Ø D _s	9 mm
Thread Ø	12 mm

Number of cutting edges Z	3
Thread size	M12×1.5 LH
Thread pitch	1.5 mm
Thread depth	36 mm
Tapping hole Ø	10.5 mm
Number of clamping slots	3
Shank square □	7 mm
Coating	AlTiN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	left-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Series	GARANT Master Tap
Type of product	Tap