

**Garant**
**Machine tap HSS-E Form C 6H left-hand thread, uncoated, MF-LH: 12X1,5**

**Order data**

Order number	133010 12X1,5
GTIN	4045197074447
Item class	11H

**Description**
**Note:**

The **GARANT micro lubrication system** ensures optimal and accurate distribution of the cutting oil. **This eliminates the need for changeover to 8% emulsion. See No. 130100 size S.**

**Technical description**

Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole $\varnothing$	10.5 mm
Thread $\varnothing$	12 mm
Thread pitch	1.5 mm
Shank $\varnothing D_s$	9 mm
Overall length L	100 mm
Shank square $\square$	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Standard	DIN 374
Thread depth	24 mm
Thread type	MF-LH
Thread size	M12x1.5 LH

Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Application for type of drilling	up to 2×D for through holes
Cutting direction	left-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Series	Master Tap
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		