

**Garant**
**Machine tap, uncoated, M: M12**

**Order data**

Order number	131700 M12
GTIN	4045197070098
Item class	11H

**Description**
**Version:**
**Sturdy design with 15° left-hand spiral.**
**Advantage:**
**Particularly suitable for interrupted cuts** (e.g. longitudinal groove in the hole).

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank  $\varnothing$  D<sub>s</sub>: 9 mm

Shank square □: 7 mm

Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

Thread $\varnothing$	12 mm
Number of cutting edges Z	3
Number of clamping slots	3
Thread pitch	1.75 mm
Tapping hole $\varnothing$	10.2 mm
Standard	DIN 376
Shank $\varnothing$ D <sub>s</sub>	9 mm

Overall length L	110 mm
Shank square □	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	36 mm
Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	D
Helix angle	15-20 °
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
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
GG(G)	suitable only under restricted conditions	9 m/min	K
Oil	suitable		

wet maximum

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