

Garant**Carbide machine tap, uncoated, M: M12****Order data**

Order number	131140 M12
GTIN	4045197068811
Item class	11H

Description**Version:**

For use with **emulsion** (fat content minimum 8%). **Carbide inserts.**

Advantage:

Particularly strong, optimal self-guidance.

Thread type: M

Tool material: Carbide

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank $\varnothing D_s$: 9 mm

Shank square \square : 7 mm

Tapping hole \varnothing : 10.2 mm

Technical description

Number of clamping slots	4
Thread \varnothing	12 mm
Tapping hole \varnothing	10.2 mm
Number of cutting edges Z	4
Thread pitch	1.75 mm
Standard	DIN 376
Shank $\varnothing D_s$	9 mm

Overall length L	110 mm
Shank square □	7 mm
Tolerance class	ISO 2X 6HX
Tool material	Carbide
Thread depth	36 mm
Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Shank	Parallel shank to h6
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	yellow
Type of product	Tap

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	18 m/min	N
Aluminium (short chipping)	suitable	35 m/min	N
Alu > 10% Si	suitable	28 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	30 m/min	P
CuZn	suitable only under restricted conditions	24 m/min	N

Graphite, GRP, CRP	suitable	10 m/min	N
Oil	suitable		
wet maximum	suitable		
dry	suitable		