

**Garant**
**Machine tap, vaporised, MF: 12X1**

**Order data**

Order number	136210 12X1
GTIN	4045197078582
Item class	11H

**Description**
**Version:**

Surface vaporised for reduced edge build-up.

Thread type: MF

Tool material: HSS E

Standard: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 9 mm

Shank square  $\square$ : 7 mm

Tapping hole  $\varnothing$ : 11 mm

**Technical description**

Thread pitch	1 mm
Number of cutting edges Z	3
Tapping hole $\varnothing$	11 mm
Thread $\varnothing$	12 mm
Number of clamping slots	3
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	36 mm
Thread type	MF
Thread size	M12×1
Coating	vaporised
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	40°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind 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 <sub>c</sub>	ISO code
Alu plastics	suitable	13 m/min	N
Aluminium (short chipping)	suitable	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable		

