

**Garant**
**Machine tap, nitrided, MF: 12X1,5**

**Order data**

Order number	132880 12X1,5
GTIN	4045197074188
Item class	11H

**Description**
**Advantage:**

**Dry machining** of cast iron – cooling lubricant not necessary. Particularly wear-resistant due to nitrided surfaces.

**Note:**

with 4 cutters.

Thread type: MF

Tool material: HSS E

Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 9 mm

Shank square  $\square$ : 7 mm

Tapping hole  $\varnothing$ : 10.5 mm

**Technical description**

Number of clamping slots	4
Thread pitch	1.5 mm
Number of cutting edges Z	4
Tapping hole $\varnothing$	10.5 mm
Thread $\varnothing$	12 mm
Shank $\varnothing D_s$	9 mm
Overall length L	100 mm

Shank square <input type="checkbox"/>	7 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Standard	DIN 374
Thread depth	36 mm
Thread type	MF
Thread size	M12×1.5
Coating	nitrided
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
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	white
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
GG	suitable	13 m/min	K
GGG	suitable only under restricted conditions	9 m/min	K
wet maximum	suitable		
dry	suitable only under restricted conditions		

