

**Garant**
**Machine tap for cast iron, nitrided, M: M12**

**Order data**

Order number	132500 M12
GTIN	4045197071811
Item class	11H

**Description**
**Version:**
**With straight flutes and short chamfer lead** (2 – 3 turns).

**Callout:**

4 cutting edges (from size M5).

4 flutes (from size M5).

Particularly wear resistant due to nitrided surface (13 2500).

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

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

 Shank square  $\square$ : 7 mm

 Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

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

Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square $\square$	7 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	36 mm
Thread type	M
Thread size	M12
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 3xD for blind holes
Application for type of drilling	up to 3xD 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	$V_c$	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		

