

**Garant**
**Machine tap Form C DIN 371/376, TiN, M: M12**

**Order data**

Order number	131250 M12
GTIN	4045197069283
Item class	11H

**Description**
**Version:**
**With TiN coating for:**

- **Improved wear properties.**
- **Lower tendency to edge build-up.**
- **Higher cutting speeds possible.**

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

**With spiral point.**

(Form C) 2–3 turns chamfer lead – **without spiral point.** Can also be used for blind holes. **ISO 2 6H**

**HSS-E**
**Technical description**

Thread Ø	12 mm
Number of cutting edges Z	4
Tapping hole Ø	10.2 mm
Number of clamping slots	4
Thread pitch	1.75 mm
Standard	DIN 376
Shank Ø 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	TiN
Flank angle	60 degrees
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 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	suitable only under restricted conditions	16 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	20 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	19 m/min	P
Oil	suitable		
wet maximum	suitable		