

**Garant**
**Machine tap Form C DIN 371/376, TiN, M: M4**

**Order data**

Order number	131250 M4
GTIN	4045197069238
Item class	11H

**Description**
**Version:**
**With spiral point.**

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

**With TiN coating for:**

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

For use with **emulsion** (fat content minimum 8%). **ISO 2 6H**

**HSS-E**

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.7 mm

Overall length L: 63 mm

Shank  $\varnothing D_s$ : 4.5 mm

Shank square  $\square$ : 3.4 mm

Tapping hole  $\varnothing$ : 3.3 mm

**Technical description**

Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole $\varnothing$	3.3 mm
Thread $\varnothing$	4 mm

Thread pitch	0.7 mm
Standard	DIN 371
Shank $\varnothing D_s$	4.5 mm
Overall length L	63 mm
Shank square $\square$	3.4 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	8 mm
Thread type	M
Thread size	M4
Coating	TiN
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 2×D for blind holes
Application for type of drilling	up to 2.5×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	$V_c$	ISO code
Aluminium (short chipping)	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		