

**Garant**
**Machine tap for cast iron, TiCN, M: M3**

**Order data**

Order number	132550 M3
GTIN	4045197071873
Item class	11H

**Description**
**Version:**

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

**Advantage:**

- **Improved wear properties due to hard coating.**
- **Higher cutting speeds due to reduction of thermal load on cutting edges.**
- **Dry machining possible on cast iron – cooling lubricant not necessary.**

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.5 mm

Overall length L: 56 mm

Shank  $\varnothing$  D<sub>s</sub>: 3.5 mm

Shank square □: 2.7 mm

Tapping hole  $\varnothing$ : 2.5 mm

**Technical description**

Tapping hole $\varnothing$	2.5 mm
Number of clamping slots	3
Thread pitch	0.5 mm
Number of cutting edges Z	3
Thread $\varnothing$	3 mm
Standard	DIN 371

Shank $\varnothing D_s$	3.5 mm
Overall length L	56 mm
Shank square $\square$	2.7 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	9 mm
Thread type	M
Thread size	M3
Coating	TiCN
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	Maskinsnitter til dynamisk bearbejdning
Colour ring	white
Type of product	Tap

## User data

	Suitability	$V_c$	ISO code
GG	suitable	16 m/min	K
GGG	suitable	14 m/min	K
wet maximum	suitable		
dry	suitable only under restricted conditions		

