

**Garant**
**Machine tap HSS-E, TiCN, M: 5X0,5**

**Order data**

Order number	136270 5X0,5
GTIN	4045197079305
Item class	11H

**Description**
**Version:**

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

**Recommendation:**

For **TOOLOX materials we recommend deviating from the DIN data** (see table) by drilling the tapping hole  $\varnothing$  **0.05 to 0.3 mm** larger.

Thread type: MF

Tool material: HSS E

Standard: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 0.5 mm

Overall length L: 70 mm

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

Shank square □: 2.7 mm

Tapping hole  $\varnothing$ : 4.5 mm

**Technical description**

Number of cutting edges Z	3
Number of clamping slots	3
Thread $\varnothing$	5 mm
Thread pitch	0.5 mm
Tapping hole $\varnothing$	4.5 mm
Shank $\varnothing$ D <sub>s</sub>	3.5 mm
Overall length L	70 mm

Shank square □	2.7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Standard	DIN 374
Thread depth	10 mm
Thread type	MF
Thread size	M5×0.5
Coating	TiCN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap