

**Garant**
**Machine tap, TiCN, M: M8**

**Order data**

Order number	135370 M8
GTIN	4045197076717
Item class	11H

**Description**
**Version:**

**With strong right-hand chip flutes**, for optimum swarf evacuation.

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

Improved wear characteristics due to optimised HSS-E tool material

**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: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1.25 mm

Overall length L: 90 mm

Shank  $\varnothing$  D<sub>s</sub>: 8 mm

Shank square □: 6.2 mm

Tapping hole  $\varnothing$ : 6.8 mm

**Technical description**

Number of clamping slots	3
Thread $\varnothing$	8 mm
Tapping hole $\varnothing$	6.8 mm
Number of cutting edges Z	3
Thread pitch	1.25 mm
Standard	DIN 371

Shank $\varnothing D_s$	8 mm
Overall length L	90 mm
Shank square $\square$	6.2 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	16 mm
Thread type	M
Thread size	M8
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