

**Garant**
**Machine tap, TiCN, M: M24**

**Order data**

Order number	135370 M24
GTIN	4045197076779
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 376

Tolerance class: ISO 2 6H

Thread pitch: 3 mm

Overall length L: 160 mm

Shank  $\varnothing$  D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole  $\varnothing$ : 21 mm

**Technical description**

Number of clamping slots	4
Thread pitch	3 mm
Number of cutting edges Z	4
Tapping hole $\varnothing$	21 mm
Thread $\varnothing$	24 mm
Standard	DIN 376

Shank $\varnothing D_s$	18 mm
Overall length L	160 mm
Shank square $\square$	14.5 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	48 mm
Thread type	M
Thread size	M24
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