

Garant
Machine tap, TiCN, M: M6

Order data

Order number	135320 M6
GTIN	4045197076489
Item class	11H

Description
Version:

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

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: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 80 mm

Shank \varnothing D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole \varnothing : 5 mm

Technical description

Number of clamping slots	3
Thread \varnothing	6 mm
Tapping hole \varnothing	5 mm
Thread pitch	1 mm
Number of cutting edges Z	3
Standard	DIN 371
Shank \varnothing D _s	6 mm

Overall length L	80 mm
Shank square □	4.9 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	12 mm
Thread type	M
Thread size	M6
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