

Garant
Machine tap, TiCN, M: M5

Order data

| | |
|--------------|---------------|
| Order number | 135320 M5 |
| GTIN | 4045197076472 |
| 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: 0.8 mm

Overall length L: 70 mm

Shank \varnothing D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole \varnothing : 4.2 mm

Technical description

| | |
|------------------------------------|---------|
| Thread \varnothing | 5 mm |
| Thread pitch | 0.8 mm |
| Number of clamping slots | 3 |
| Number of cutting edges Z | 3 |
| Tapping hole \varnothing | 4.2 mm |
| Standard | DIN 371 |
| Shank \varnothing D _s | 6 mm |

| | |
|----------------------------------|-----------------------------------|
| Overall length L | 70 mm |
| Shank square □ | 4.9 mm |
| Tolerance class | ISO 2 6H |
| Tool material | HSS E |
| Thread depth | 10 mm |
| Thread type | M |
| Thread size | M5 |
| 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 |