

**Garant**
**Solid carbide machine tap, TiAlN, M: M3**

**Order data**

Order number	132080 M3
GTIN	4045197071033
Item class	11H

**Description**
**Version:**

Particularly **sturdy version**. For the highest performance demands.

**Application:**

For use only with a length compensation chuck – even on machines with synchronised spindle drives.

**Recommendation:**

For **very hard steels, TOOLOX** and **HARDOX 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: solid carbide

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.5 mm

Overall length L: 63 mm

Shank  $\varnothing$  D<sub>s</sub>: 4.5 mm

Shank square □: 3.4 mm

Tapping hole  $\varnothing$ : 2.5 mm

**Technical description**

Number of cutting edges Z	4
Thread $\varnothing$	3 mm
Number of clamping slots	4
Tapping hole $\varnothing$	2.5 mm
Thread pitch	0.5 mm

Standard	DIN 371
Shank $\varnothing D_s$	4.5 mm
Overall length L	63 mm
Shank square $\square$	3.4 mm
Tolerance class	ISO 2X 6HX
Tool material	solid carbide
Thread depth	6 mm
Thread type	M
Thread size	M3
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	D
Shank	Parallel shank to h6
Through-coolant	no
Application for type of drilling	up to 2xD for blind holes and through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap