

**Garant**
**Machine tap Through-coolant, TiN, M: M12**

**Order data**

Order number	132050 M12
GTIN	4045197071019
Item class	11H

**Description**
**Version:**
**Sturdy version.**

Can be used with **emulsion** (fat content minimum 8 %) with **through-coolant feed**.

**Recommendation:**

For **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: HSS E

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank  $\varnothing$  D<sub>s</sub>: 9 mm

Shank square □: 7 mm

Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

Number of clamping slots	4
Thread $\varnothing$	12 mm
Number of cutting edges Z	4
Tapping hole $\varnothing$	10.2 mm
Thread pitch	1.75 mm
Standard	DIN 376

Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square $\square$	7 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	18 mm
Thread type	M
Thread size	M12
Coating	TiN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	yes
Application for type of drilling	up to 1.5xD 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