

**Garant**
**Hand tap set nitrided, uncoated, M: M12**

**Order data**

Order number	130450 M12
GTIN	4045197066671
Item class	11G

**Description**
**Version:**

Set of three, **consisting of taper, second, and plug tap. Taper tap with long pilot.**

**Surface nitrided**, more resistant to wear.

**Recommendation:**

For **TOOLOX materials** we recommend **deviating from the DIN** data (see table) by drilling the tapping hole **0.05 to 0.3 mm** larger.

Thread type: M

Tool material: HSS E

Standard: DIN 352

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 75 mm

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

Shank square □: 7 mm

Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

Thread pitch	1.75 mm
Tapping hole $\varnothing$	10.2 mm
Thread $\varnothing$	12 mm

Standard	DIN 352
Shank $\varnothing D_s$	9 mm
Overall length L	75 mm
Shank square $\square$	7 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	24 mm
Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Taper lead form	A
Taper lead form	D
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3xD for blind holes and through holes
Cutting direction	right-hand
Type of threading tool	Hand tap
Colour ring	red
Type of product	Tap