

**Garant**
**Hand tap set nitrided, uncoated, M: M14**

**Order data**

Order number	130450 M14
GTIN	4062406089948
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: 2 mm

Overall length L: 80 mm

Shank  $\varnothing D_s$ : 11 mm

Shank square  $\square$ : 9 mm

Tapping hole  $\varnothing$ : 12 mm

**Technical description**

Thread depth	42 mm
Thread pitch	2 mm
Standard	DIN 352

Shank $\varnothing D_s$	11 mm
Shank square $\square$	9 mm
Thread $\varnothing$	14 mm
Overall length L	80 mm
Number of cutting edges Z	3
Tool material	HSS E
Tolerance class	ISO 2X 6HX
Tapping hole $\varnothing$	12 mm
Number of clamping slots	3
Thread type	M
Thread size	M14
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