

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

**Order data**

Order number	130400 M12
GTIN	4045197066282
Item class	11G

**Description**
**Version:**

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

Thread type: M

Tool material: HSS E

Standard: DIN 352

Tolerance class: ISO 2 6H

Thread pitch: 1.75 mm

Overall length L: 75 mm

Shank  $\varnothing D_s$ : 9 mm

Shank square  $\square$ : 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 □	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	24 mm
Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	A
Taper lead form	C
Taper lead form	D
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes and through holes
Cutting direction	right-hand
Type of threading tool	Hand tap
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu > 10% Si	suitable only under restricted conditions		
Steel < 750 N/mm <sup>2</sup>	suitable		
Steel < 900 N/mm <sup>2</sup>	suitable		
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions		

INOX < 900 N/mm <sup>2</sup>	suitable
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions
Ti > 850 N/mm <sup>2</sup>	suitable
GG(G)	suitable only under restricted conditions
Uni	suitable
Oil	suitable
dry	suitable only under restricted conditions