

**Garant****Hand tap set, left-hand thread, uncoated, M-LH: M12****Order data**

Order number	130460 M12
GTIN	4062406398149
Item class	11G

**Description****Version:**Set of three, **consisting of taper, second, and plug tap.****Application:**

For metric left-hand thread to DIN13.

**Technical description**

Thread $\varnothing$	12 mm
Number of cutting edges Z	3
Tolerance class	ISO 2 6H
Shank square $\square$	7 mm
Overall length L	75 mm
Thread size	M12
Tool material	HSS
Thread depth	36 mm
Shank $\varnothing D_s$	9 mm
Number of clamping slots	3

Thread type	M-LH
Thread pitch	1.75 mm
Standard	DIN 352
Tapping hole $\varnothing$	10.2 mm
Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	D
Taper lead form	C
Taper lead form	A
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Application for type of drilling	up to 3×D for through holes
Cutting direction	left-hand
Type of threading tool	Hand tap
Colour ring	without
Type of product	Tap

## User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable only under restricted conditions		
Aluminium (short chipping)	suitable only under restricted conditions		
Alu > 10% Si	suitable only under restricted conditions		
Steel < 500 N/mm <sup>2</sup>	suitable		
Steel < 750 N/mm <sup>2</sup>	suitable		
Steel < 900 N/mm <sup>2</sup>	suitable		

GG(G)	suitable only under restricted conditions
Uni	suitable only under restricted conditions
Oil	suitable
dry	suitable only under restricted conditions