

**Garant****Hand tap set, uncoated, UNC: 12-24****Order data**

Order number	130700 12-24
GTIN	4045197068033
Item class	11G

**Description****Version:**2-piece set **comprising taper and plug tap.****Application:****For UNC uniform coarse threads** ASME – B1.1.

Thread type: UNC

Tool material: HSS

Standard: DIN 351

Threads per inch: 24

Thread Ø: 5.49 mm

Overall length L: 50 mm

Shank Ø D<sub>s</sub>: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.5 mm

**Technical description**

Threads per inch	24
Thread pitch	1.058 mm
Tapping hole Ø	4.5 mm
Thread Ø	5.49 mm
Standard	DIN 351
Tool material	HSS

Shank $\varnothing D_s$	6 mm
Overall length L	50 mm
Shank square $\square$	4.9 mm
Thread depth	10.98 mm
Thread type	UNC
Thread size	12-24 UNC
Coating	uncoated
Flank angle	60°
Tolerance class	2B
Taper lead form	D
Taper lead form	C
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	right-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
Oil	suitable
dry	suitable only under restricted conditions