

**Garant****Hand tap set, uncoated, UNC: 5/16-18****Order data**

Order number	130700 5/16-18
GTIN	4045197068057
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: 18

Thread Ø: 7.94 mm

Overall length L: 63 mm

Shank Ø D<sub>s</sub>: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 6.6 mm

**Technical description**

Thread Ø	7.94 mm
Tapping hole Ø	6.6 mm
Threads per inch	18
Thread pitch	1.411 mm
Standard	DIN 351
Tool material	HSS

Shank $\varnothing D_s$	6 mm
Overall length L	63 mm
Shank square $\square$	4.9 mm
Thread depth	15.88 mm
Thread type	UNC
Thread size	5/16-18 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 and 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