

**Garant****Hand tap set, uncoated, UNF: 1/2-20****Order data**

Order number	130750 1/2-20
GTIN	4045197068262
Item class	11G

**Description****Version:**2-piece set **comprising taper and plug tab.****Application:**For **UNF uniform fine threads** ASME – B1.1.**Technical description**

Thread Ø	12.7 mm
Threads per inch	20
Tapping hole Ø	11.5 mm
Standard	DIN 2181
Tool material	HSS
Shank Ø D <sub>s</sub>	9 mm
Overall length L	63 mm
Shank square □	7 mm
Thread depth	38.1 mm
Thread pitch	1.27 mm
Thread type	UNF

Thread size	1/2-20 UNF
Coating	uncoated
Flank angle	60 degrees
Tolerance class	2B
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
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 <sub>c</sub>	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