

Garant
Hand tap set, uncoated, UNC: 1/4-20

Order data

Order number	130700 1/4-20
GTIN	4045197068040
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: 20

Thread Ø: 6.35 mm

Overall length L: 56 mm

 Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 5.1 mm

Technical description

Tapping hole Ø	5.1 mm
Thread pitch	1.27 mm
Thread Ø	6.35 mm
Threads per inch	20
Standard	DIN 351
Tool material	HSS

Shank $\varnothing D_s$	6 mm
Overall length L	56 mm
Shank square \square	4.9 mm
Thread depth	12.7 mm
Thread type	UNC
Thread size	1/4-20 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 ²	suitable		
Steel < 750 N/mm ²	suitable		

Steel < 900 N/mm ²	suitable
GG(G)	suitable only under restricted conditions
Uni	Suitable
Oil	suitable
dry	suitable only under restricted conditions