

Garant**Hand tap set, uncoated, MF: 22X1****Order data**

Order number	130470 22X1
GTIN	4045197067173
Item class	11G

Description**Version:**

2-piece set **comprising taper and plug tap**. Thread ground with radial thread relief.

Thread type: MF

Tool material: HSS

Standard: DIN 2181

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 18 mm

Shank square \square : 14.5 mm

Tapping hole \varnothing : 21 mm

Technical description

Thread pitch	1 mm
Tapping hole \varnothing	21 mm
Thread \varnothing	22 mm
Shank $\varnothing D_s$	18 mm
Overall length L	80 mm

Shank square <input type="checkbox"/>	14.5 mm
Tolerance class	ISO 2 6H
Tool material	HSS
Standard	DIN 2181
Thread depth	44 mm
Thread type	MF
Thread size	M22×1
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
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 _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