

**Garant**
**Machine tap, uncoated, UNC: 1/2-13**

**Order data**

Order number	133350 1/2-13
GTIN	4045197074690
Item class	11H

**Description**
**Version:**
**With spiral point.**
**Application:**
**For UNC uniform coarse threads ASME – B1.1.**

Thread type: UNC

Tool material: HSS E

Standard: DIN 376

Threads per inch: 13

Thread Ø: 12.7 mm

Overall length L: 110 mm

 Shank Ø D<sub>s</sub>: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 10.8 mm

**Technical description**

Number of cutting edges Z	3
Thread pitch	1.95 mm
Threads per inch	13
Tapping hole Ø	10.8 mm
Number of clamping slots	3
Thread Ø	12.7 mm
Tool material	HSS E

Standard	DIN 376
Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square $\square$	7 mm
Thread depth	38.1 mm
Thread type	UNC
Thread size	1/2-13 UNC
Coating	uncoated
Flank angle	60°
Tolerance class	2B
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

