

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

Order data

Order number	137860 1/2-13
GTIN	4045197080233
Item class	11H

Description
Version:
Sturdy design, with right-hand chip flutes. HSS-E
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_s: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 10.8 mm

Technical description

Number of clamping slots	3
Tapping hole Ø	10.8 mm
Threads per inch	13
Number of cutting edges Z	3
Thread Ø	12.7 mm
Thread pitch	1.954 mm
Standard	DIN 376

Tool material	HSS E
Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square \square	7 mm
Thread depth	25.4 mm
Thread type	UNC
Thread size	1/2-13 UNC
Coating	uncoated
Flank angle	60°
Tolerance class	2B
Taper lead form	C
Helix angle	20°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2xD for blind 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 ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

