

Garant**Machine tap, uncoated, UNF: 7/8-14****Order data**

Order number	138000 7/8-14
GTIN	4045197080394
Item class	11H

Description**Version:****Sturdy design, with 20° right-hand chip flutes. HSS-E****Application:****For UNF uniform fine threads ASME – B1.1.**

Thread type: UNF

Tool material: HSS E

Standard: DIN 374

Threads per inch: 14

Thread Ø: 22.23 mm

Overall length L: 125 mm

Shank Ø D_s: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 20.4 mm

Technical description

Thread Ø	22.23 mm
Number of cutting edges Z	4
Tapping hole Ø	20.4 mm
Number of clamping slots	4
Threads per inch	14
Tool material	HSS E
Standard	DIN 374

Shank $\varnothing D_s$	18 mm
Overall length L	125 mm
Shank square \square	14.5 mm
Thread depth	44.46 mm
Thread pitch	1.814 mm
Thread type	UNF
Thread size	7/8-14 UNF
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		

