

Garant
Machine tap, uncoated, UNF: 5/16-24

Order data

Order number	138000 5/16-24
GTIN	4045197080325
Item class	11H

Description
Version:
Sturdy design, with 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: 24

Thread Ø: 7.94 mm

Overall length L: 90 mm

 Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 6.9 mm

Technical description

Tapping hole Ø	6.9 mm
Thread Ø	7.94 mm
Threads per inch	24
Number of cutting edges Z	3
Number of clamping slots	3
Standard	DIN 374
Tool material	HSS E

Shank $\varnothing D_s$	6 mm
Overall length L	90 mm
Shank square \square	4.9 mm
Thread depth	15.86 mm
Thread pitch	1.058 mm
Thread type	UNF
Thread size	5/16-24 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		

