

Garant
Machine tap, uncoated, UNC: 12-24

Order data

Order number	133350 12-24
GTIN	4045197074645
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 371

Threads per inch: 24

 Thread \varnothing : 5.49 mm

Overall length L: 80 mm

 Shank \varnothing D_s: 6 mm

 Shank square \square : 4.9 mm

 Tapping hole \varnothing : 4.5 mm

Technical description

Tapping hole \varnothing	4.5 mm
Thread \varnothing	5.49 mm
Threads per inch	24
Number of cutting edges Z	3
Number of clamping slots	3
Thread pitch	1.058 mm
Standard	DIN 371
Tool material	HSS E

Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Shank square \square	4.9 mm
Thread depth	16.44 mm
Thread type	UNC
Thread size	12-24 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 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		

