

**Garant****Machine tap, uncoated, UNF: 5/8-18****Order data**

Order number	133400 5/8-18
GTIN	4045197074812
Item class	11H

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

Thread type: UNF

Tool material: HSS E

Standard: DIN 374

Threads per inch: 18

Thread Ø: 15.88 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 14.5 mm

**Technical description**

Threads per inch	18
Number of cutting edges Z	3
Tapping hole Ø	14.5 mm
Number of clamping slots	3
Thread Ø	15.88 mm
Standard	DIN 374
Tool material	HSS E

Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
Shank square $\square$	9 mm
Thread depth	47.64 mm
Thread pitch	1.411 mm
Thread type	UNF
Thread size	5/8-18 UNF
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		

