

**Garant**
**Machine tap, uncoated, UNF: 3/4-16**

**Order data**

Order number	138000 3/4-16
GTIN	4045197080387
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: 16

Thread Ø: 19.05 mm

Overall length L: 110 mm

 Shank Ø D<sub>s</sub>: 14 mm

Shank square □: 11 mm

Tapping hole Ø: 17.5 mm

**Technical description**

Threads per inch	16
Number of clamping slots	4
Thread Ø	19.05 mm
Tapping hole Ø	17.5 mm
Number of cutting edges Z	4
Tool material	HSS E
Standard	DIN 374

Shank $\varnothing D_s$	14 mm
Overall length L	110 mm
Shank square $\square$	11 mm
Thread depth	38.1 mm
Thread pitch	1.587 mm
Thread type	UNF
Thread size	3/4-16 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 <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		

