



## Machine tap, TiN, UNF: 3/4-16



### Order data

Order number	138005 3/4-16
GTIN	4045197533463
Item class	11H

### Description

#### Version:

**Sturdy design, with 20° right-hand chip flutes. With special TiN coating, for stainless and acid-resistant steels.** For use with **emulsion** (fat content minimum 8%).

#### Application:

**For UNF uniform fine threads ASME – B1.1.**

Thread type: UNF

Tool material: HSS E

Norm: DIN 374

Threads per inch: 16

Thread Ø: 19.05 mm

Overall length  $L_{tot}$ : 110 mm

Shank Ø: 14 mm

Shank square: 11 mm

Tapping hole Ø: 17.5 mm

### Technical description

Threads per inch	16
Number of cutting edges Z	4
Number of clamping slots	4
Tapping hole Ø	17.5 mm
Thread Ø	19.05 mm
Taper lead angle	50 degrees
Norm	DIN 374

Tool material	HSS E
Shank Ø	14 mm
Overall length L <sub>tot</sub>	110 mm
Shank square	11 mm
Thread depth	38.1 mm
Thread pitch	1.587 mm
Thread type	UNF
Thread size	3/4-16
Coating	TiN
Flank angle	60 degrees
Tolerance class	2B
Taper lead form	C
Helix angle	20 degrees
Schaft	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue