



## Machine tap, TiN, UNF: 5/8-18



### Order data

Order number	138005 5/8-18
GTIN	4045197533456
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: 18

Thread Ø: 15.88 mm

Overall length  $L_{tot}$ : 100 mm

Shank Ø: 12 mm

Shank square: 9 mm

Tapping hole Ø: 14.5 mm

### Technical description

Tapping hole Ø	14.5 mm
Number of clamping slots	4
Threads per inch	18
Thread Ø	15.88 mm
Number of cutting edges Z	4
Taper lead angle	50 degrees
Norm	DIN 374

Tool material	HSS E
Shank Ø	12 mm
Overall length L <sub>tot</sub>	100 mm
Shank square	9 mm
Thread depth	31.76 mm
Thread pitch	1.411 mm
Thread type	UNF
Thread size	5/8-18
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