



## Machine tap, TiN, UNC: 5/16-18



### Order data

Order number	137865 5/16-18
GTIN	4045197533159
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 UNC uniform coarse threads** ASME – B1.1.

Thread type: UNC

Tool material: HSS E

Norm: DIN 371

Threads per inch: 18

Thread Ø: 7.94 mm

Overall length  $L_{tot}$ : 90 mm

Shank Ø: 8 mm

Shank square: 6.2 mm

Tapping hole Ø: 6.6 mm

### Technical description

Tapping hole Ø	6.6 mm
Number of clamping slots	3
Threads per inch	18
Thread Ø	7.94 mm
Number of cutting edges Z	3
Thread pitch	1.411 mm
Taper lead angle	50 degrees

Norm	DIN 371
Tool material	HSS E
Shank Ø	8 mm
Overall length L <sub>tot</sub>	90 mm
Shank square	6.2 mm
Thread depth	15.88 mm
Thread type	UNC
Thread size	5/16-18
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