



## Machine tap, TiN, UNF: 7/16-20



### Order data

Order number	138005 7/16-20
GTIN	4045197533418
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: 20

Thread Ø: 11.11 mm

Overall length  $L_{tot}$ : 100 mm

Shank Ø: 8 mm

Shank square: 6.2 mm

Tapping hole Ø: 9.9 mm

### Technical description

Tapping hole Ø	9.9 mm
Taper lead angle	50 degrees
Thread Ø	11.11 mm
Number of cutting edges Z	3
Number of clamping slots	3
Threads per inch	20
Norm	DIN 374

Tool material	HSS E
Shank Ø	8 mm
Overall length L <sub>tot</sub>	100 mm
Shank square	6.2 mm
Thread depth	22.22 mm
Thread pitch	1.27 mm
Thread type	UNF
Thread size	7/16-20
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