



## Machine tap, TiN, UNC: 6-32



### Order data

Order number	137865 6-32
GTIN	4045197533111
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: 32

Thread Ø: 3.51 mm

Overall length  $L_{tot}$ : 56 mm

Shank Ø: 4 mm

Shank square: 3 mm

Tapping hole Ø: 2.85 mm

### Technical description

Thread Ø	3.51 mm
Number of clamping slots	3
Thread pitch	0.794 mm
Number of cutting edges Z	3
Taper lead angle	50 degrees
Tapping hole Ø	2.85 mm
Threads per inch	32

Norm	DIN 371
Tool material	HSS E
Shank Ø	4 mm
Overall length L <sub>tot</sub>	56 mm
Shank square	3 mm
Thread depth	7.02 mm
Thread type	UNC
Thread size	6-32
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