



Machine tap, TiN, UNC: 1/4-20



Order data

Order number	137865 1/4-20
GTIN	4045197533142
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: 20

Thread Ø: 6.35 mm

Overall length L_{tot} : 80 mm

Shank Ø: 7 mm

Shank square: 5.5 mm

Tapping hole Ø: 5.1 mm

Technical description

Number of cutting edges Z	3
Tapping hole Ø	5.1 mm
Thread pitch	1.27 mm
Thread Ø	6.35 mm
Number of clamping slots	3
Taper lead angle	50 degrees
Threads per inch	20

Norm	DIN 371
Tool material	HSS E
Shank Ø	7 mm
Overall length L_{tot}	80 mm
Shank square	5.5 mm
Thread depth	12.7 mm
Thread type	UNC
Thread size	1/4-20
Coating	TiN
Flank angle	60 degrees
Tolerance class	2B
Taper lead form	C
Helix angle	20 degrees
Skaft	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