



Machine tap, TiN, UNC: 8-32



Order data

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|--------------|---------------|
| Order number | 137865 8-32 |
| GTIN | 4045197533128 |
| 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: 4.17 mm

Overall length L_{tot} : 63 mm

Shank Ø: 4.5 mm

Shank square: 3.4 mm

Tapping hole Ø: 3.5 mm

Technical description

| | |
|---------------------------|------------|
| Thread Ø | 4.17 mm |
| Taper lead angle | 50 degrees |
| Tapping hole Ø | 3.5 mm |
| Thread pitch | 0.794 mm |
| Number of clamping slots | 3 |
| Threads per inch | 32 |
| Number of cutting edges Z | 3 |

| | |
|----------------------------------|-----------------------------------|
| Norm | DIN 371 |
| Tool material | HSS E |
| Shank Ø | 4.5 mm |
| Overall length L_{tot} | 63 mm |
| Shank square | 3.4 mm |
| Thread depth | 8.34 mm |
| Thread type | UNC |
| Thread size | 8-32 |
| 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 |