

# Cutting Fluid

Cutting fluid is a lubricant used during drilling and tapping to reduce friction and heat.

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## Why It's Used

- Reduces heat buildup
  - Lowers friction on tools
  - Helps produce cleaner threads
  - Extends drill and tap life
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## When to Use It

- Tapping aluminum (10-32, 1/4-20)
  - Drilling larger or deep holes
  - When tools start to feel hot or resist cutting
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## How to Use It

- Apply a small amount to the hole or tool
  - Reapply if needed during cutting
  - Keep it light—don't overuse
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## Key Idea

Cutting fluid makes drilling and tapping easier and safer by reducing heat and friction, especially in aluminum.

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