

Preventing Broken Taps (Conclusion)

Preventing broken taps comes down to control, preparation, and patience.

Key Habits

- Drill the correct tap drill size before starting
 - Keep the tap perfectly straight
 - Use cutting fluid to reduce friction
 - Turn slowly and apply light, steady pressure
 - Back the tap out often to clear chips
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What to Avoid

- Forcing the tap when resistance increases
 - Starting at an angle
 - Skipping chip clearing
 - Rushing the process
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Final Idea

Most tap failures are caused by technique, not the material. Careful alignment, steady motion, and chip control make tapping reliable and safe in FRC fabrication.

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