

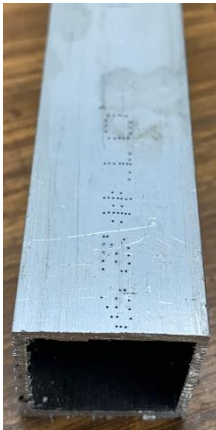
A Strap Buckle, Version 1.0

By R. G. Sparber

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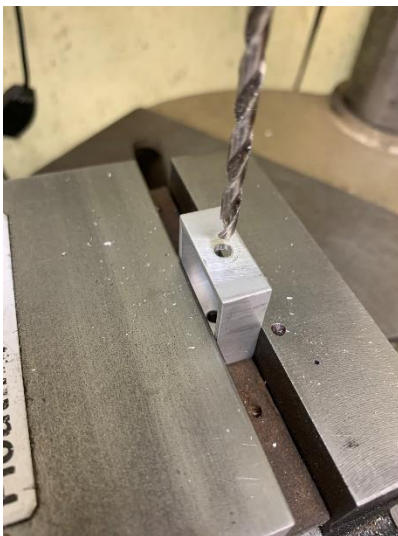


Why buy a buckle if I can easily make one? Besides, I can make a variety of sizes. Even in aluminum, this is far stronger than plastic.



I started with 1-inch aluminum square tubing. If I needed more strength, I would have used some steel tubing.

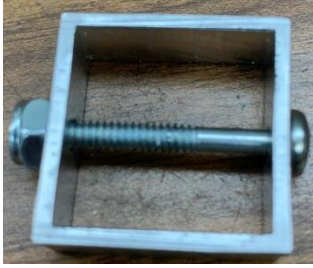
After sawing off 0.4-inches, I put my square on the part. This tubing was a cut-off plus had been slightly squished. A little work in my bench vise, and the part was again square.



I drilled a through-hole with a #27 drill.

Please, do the drilling in a vise. The part can be snatched in an instant and modify your fingers in an unpleasant fashion.

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After deburring plus rounding all edges, I ran a 6-32 bolt through the hole and secured it with a locking nut. Then I sawed off the excess bolt and filed it smooth.

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