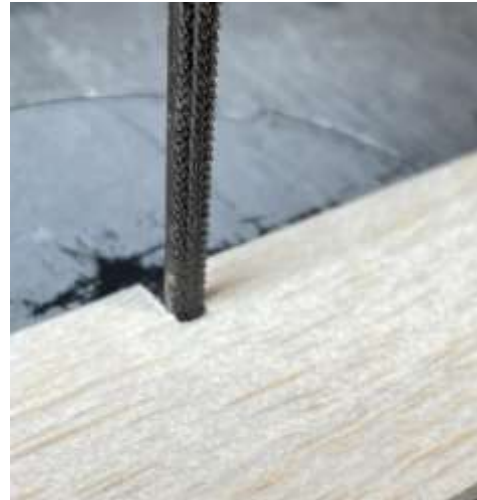


## Cutting Stringer Notches With A Thickened Scroll Saw Blade

By David P Andersen

Some giant scale airplanes have hundreds of stringer notches. Cutting  $\frac{1}{4}$ " sq stringer notches in fuselage formers and wing ribs can be inaccurate and time consuming when done with a conventional scroll saw blade. The blade is very thin so each side must be cut separately, followed by two more cuts that curve into the rear edge of the notch, then a couple of more cuts to trim the rear edge while turning the wood before and during the later cuts.

The task can be more precise and faster if the scroll saw blade is wider. With a  $\frac{1}{8}$ " thick blade, one need only cut one side and then cut the other side. Two quick straight parallel cuts are all that is needed. And if the blade is exactly  $\frac{1}{8}$ " wide only one cut is needed for a  $\frac{1}{8}$ " x  $\frac{1}{4}$ " stringer. Here's how to make your own thicker scroll saw blade:



Cut three scroll blades into six two-inch long sections. Glue these to the center section of an uncut scroll saw blade. Be sure that all the bits point in the same direction. Use epoxy and clamp together while the glues sets.

Measure first. This method may vary slightly with different scroll saws.

###