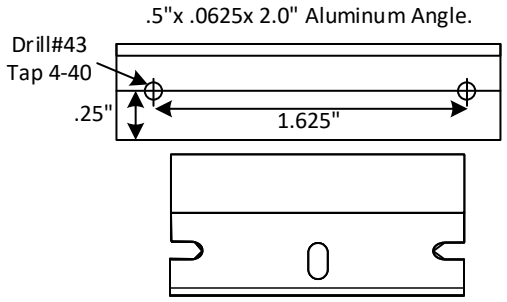
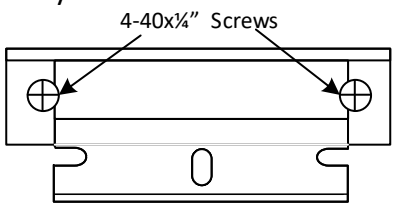
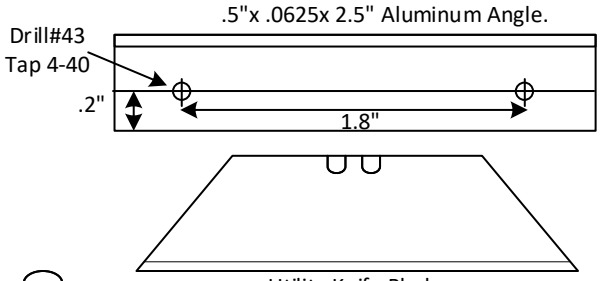
Cutter Assemblys



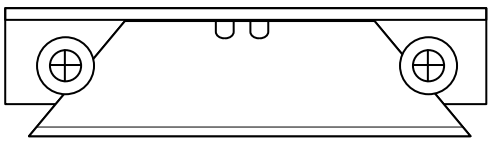
Single Edge Razor Blade.



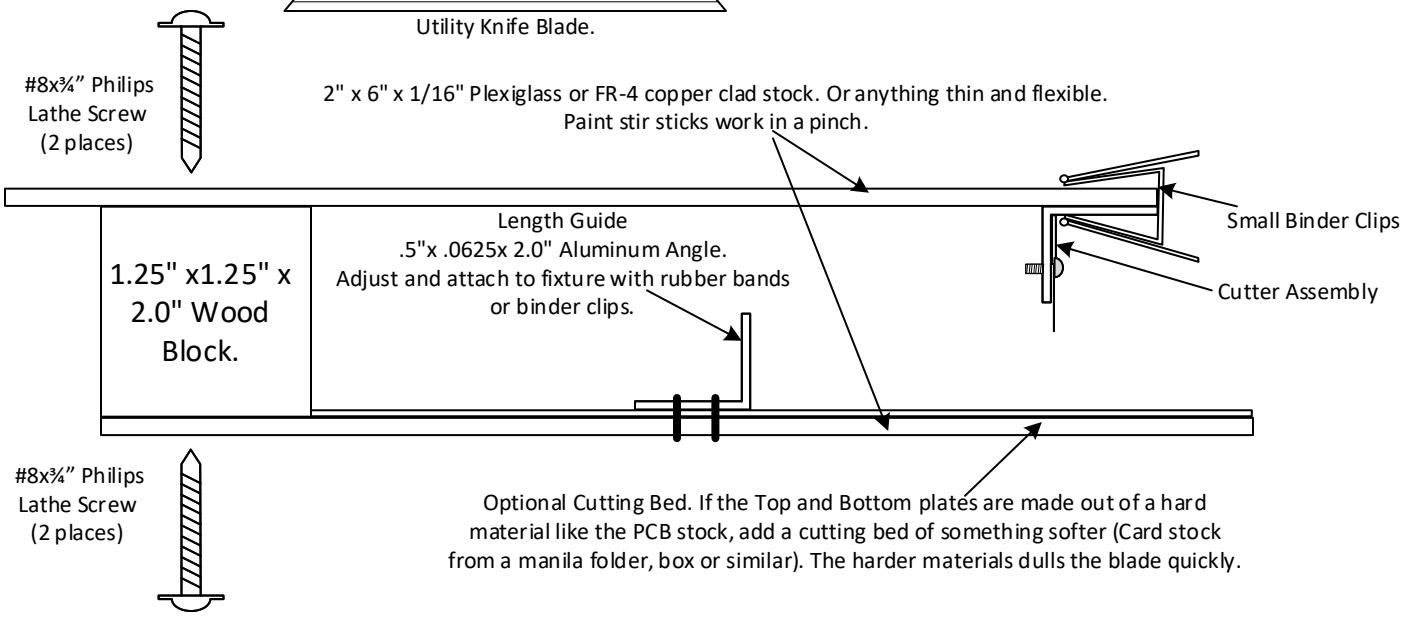
Attach the Single edge razor blade to the angle with the #4 Screws. (Caution, Do not remove the Razor paper protective wrapper until the blade is attached to the angle.)



Utility Knife Blade.



Attach the Utility Knife Blade to the angle with the #4 Screws and Flat washers.

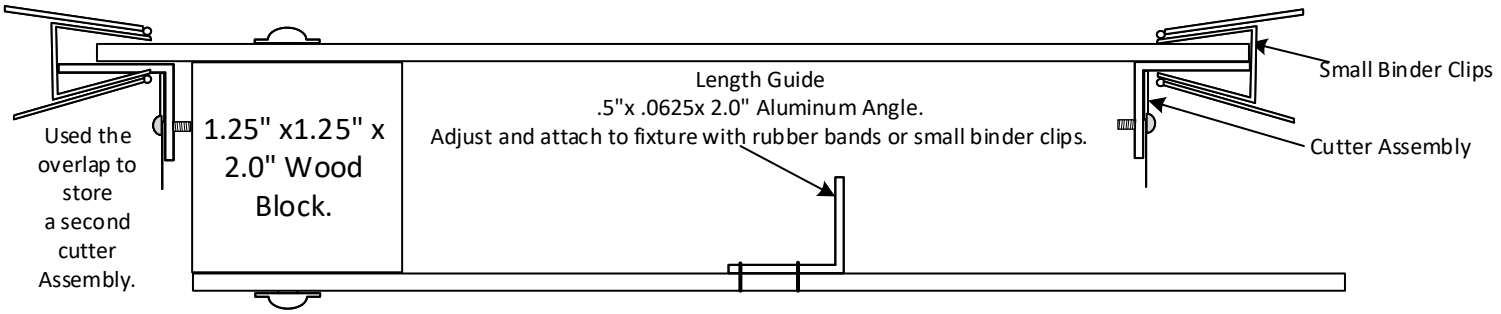


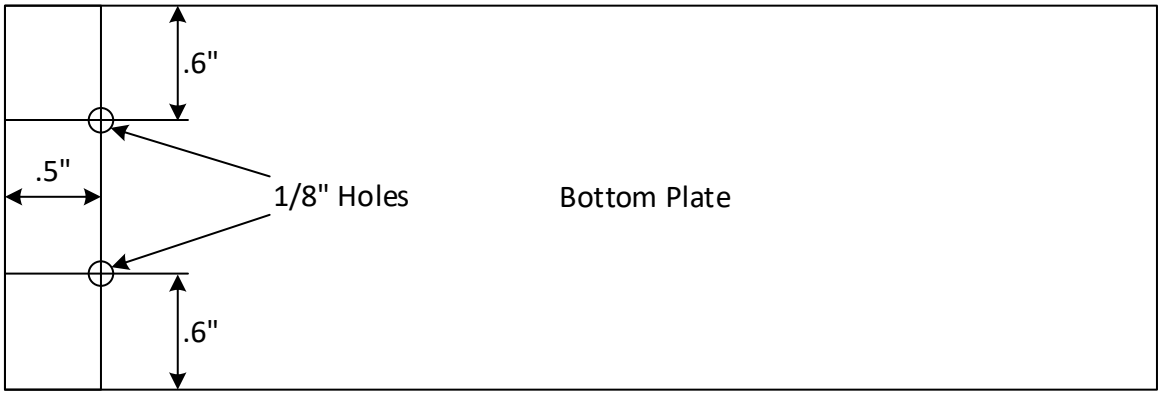
Optional Cutting Bed. If the Top and Bottom plates are made out of a hard material like the PCB stock, add a cutting bed of something softer (Card stock from a manila folder, box or similar). The harder materials dulls the blade quickly.

Date:	Revision/Addition/ Note	By:
Mar. 23, 2019	Initial Drawing.	GSC
Mar. 23, 2019	Wanted a cutter to cut known lengths of plastic tubing or heat shrink and small (24Ga) wire. Bought the Menda #35175. It works very well but when cutting wire with it, the blade dulls quickly. The replacement Menda blades are about $50.00 for a pack of 100. Wanted a cutter that used standard blades like Utility knife blades or single edge razor blades.	GSC
Mar. 23, 2019	Used binder clips to hold the cutter assembly to the fixture to make changing blades faster, easier and safer. Made two cutter assembly's, both work about the same.	GSC
Mar. 23, 2019	Used rubber bands or binder clips to hold the length guide to the fixture.	GSC
Mar. 23, 2019	Had to Offset the top by .5"	GSC
Mar. 23, 2019	Made the top and bottom 2"x6" plates out of PCB Copper stock only because I had lots of odd scrap pieces. Made one out of thin plexiglass.	GSC
Mar. 24, 2019	This was all made out of bits and pieces I had in the shop. All raw material are Home Depot items. Cut the wood block from a framing stake	GSC

Print Check .5"x.5"

Drawn By:	Gerald Crenshaw WD4BIS	Date: Mar. 23, 2019	From the bench of: Amateur Radio Station WD4BIS	Page 1 of 2
Designed By:	Gerald Crenshaw WD4BIS	Date: Mar. 23, 2019	Title: Tubing/Wire Cutting Fixture	Scale: 1:1
Checked By:	Janet Crenshaw WB9ZPH	Date: Mar. 23, 2019		





Date:	Revision/Addition/ Note	By:
Mar. 24, 2019	Initial Drawing.	GSC
Mar. 24, 2019	Details on Top and Bottom plates. Predrill holes on plates and wood blocks 1/8" (.125"). Used #8x¾" screws to attach.	GSC
Mar. 25, 2019	Used the overlap to store the second cutter assembly.	GSC

Print Check .5"x.5"

Drawn By:	Gerald Crenshaw WD4BIS	Date:	Mar. 23, 2019	From the bench of: Amateur Radio Station WD4BIS	Page 2 of 2
Designed By:	Gerald Crenshaw WD4BIS	Date:	Mar. 23, 2019	Title: Tubing/Wire Cutting Fixture	Scale: 1:1
Checked By:	Janet Crenshaw WB9ZPH	Date:	Mar. 23, 2019		