

Here's a gooseneck fitting that has worked well. Dimensions are not critical.

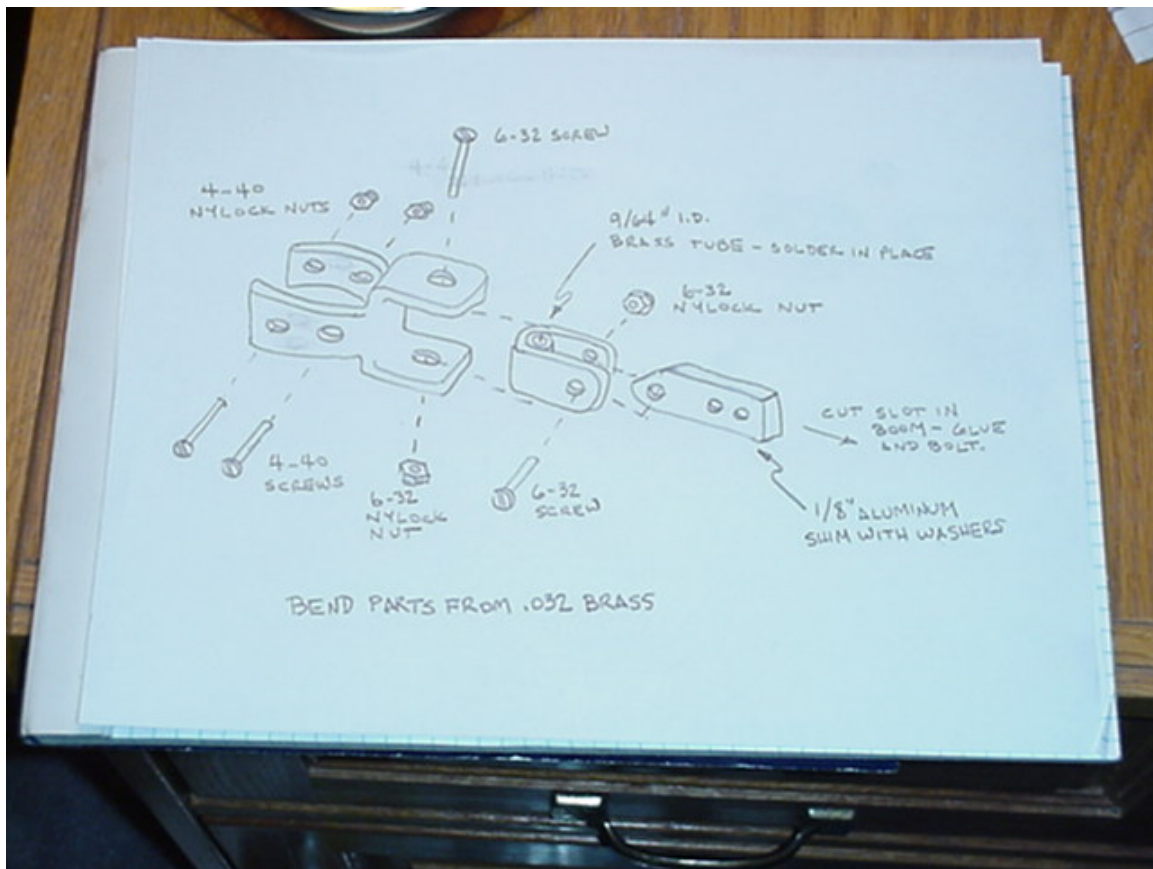
For the mast fitting make a piece of .032, or thicker, brass in the shape of a cross. Bend two arms forward and two arms aft. Shape the forward arms fit the mast. Drill the holes AFTER you get things bent to the proper shape. A disk or stationary belt sander helps to smooth the edges. Small files will work, too.

The intermediate piece is bent around a short length of 9/32" brass tubing. Solder the tubing in place. The intermediate piece should just slip between the aft facing tabs of the mast fitting.

To save a bit of weight, make the boom fitting from 1/8" aluminum. Shim with washers.

Assemble everything with stainless steel, or brass hardware. All nuts should be self locking nylock type.

The pivot screws are 6-32. Tighten the pivot screws only enough to take up the slack.



Hope this is of value to you.

Regards,
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