

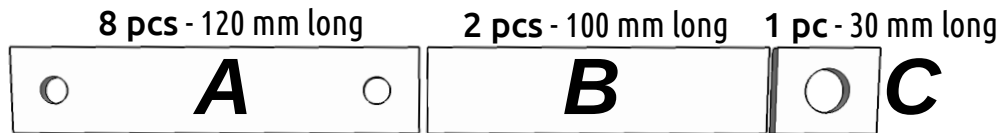
Custom double function panel clamps

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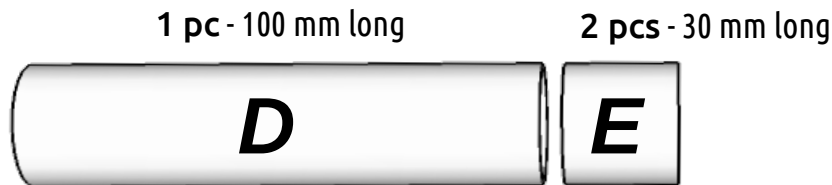


Parts list:

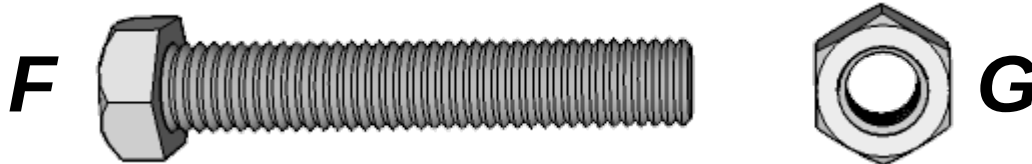
- 1 25 mm wide by 5 mm thick flat bar



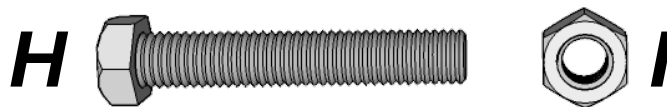
- 2 1/2 inch, 2 mm wall thickness round bar



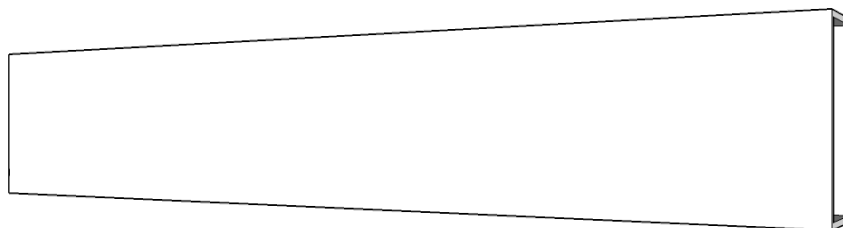
- 3 1 pc - M12 hex head screw, 100 mm or longer, 1 pc - M12 hex nut

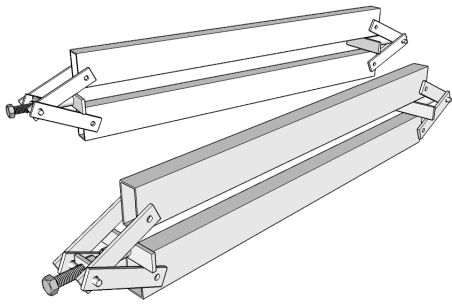


- 4 6 pc - M8 hex head screw, 60 mm or longer, 4 pc - M8 hex nut, self lock



- 5 60 mm x 30 mm square tubing, at least 2 mm wall thickness





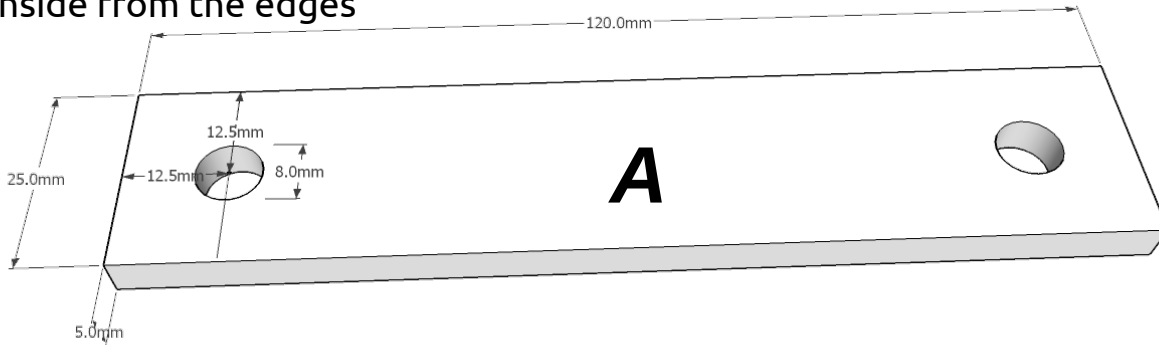
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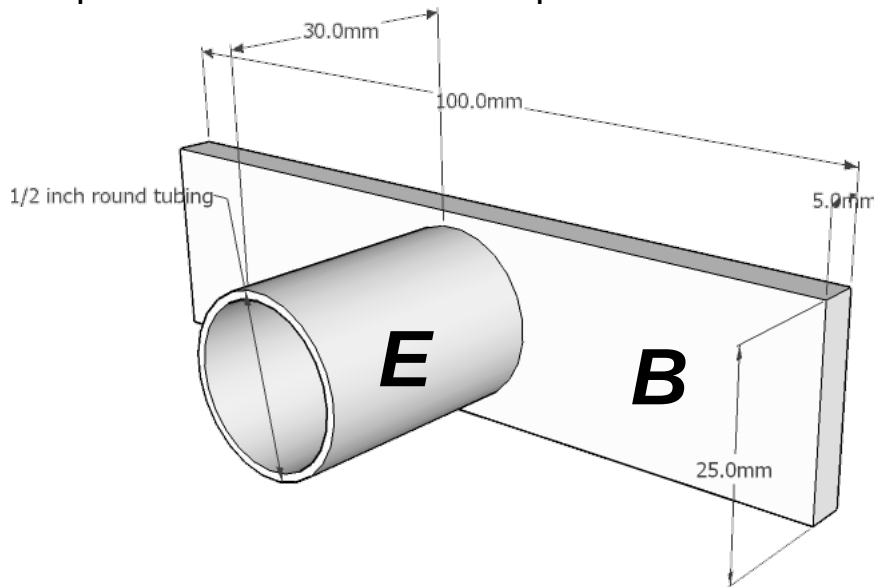


Assembly

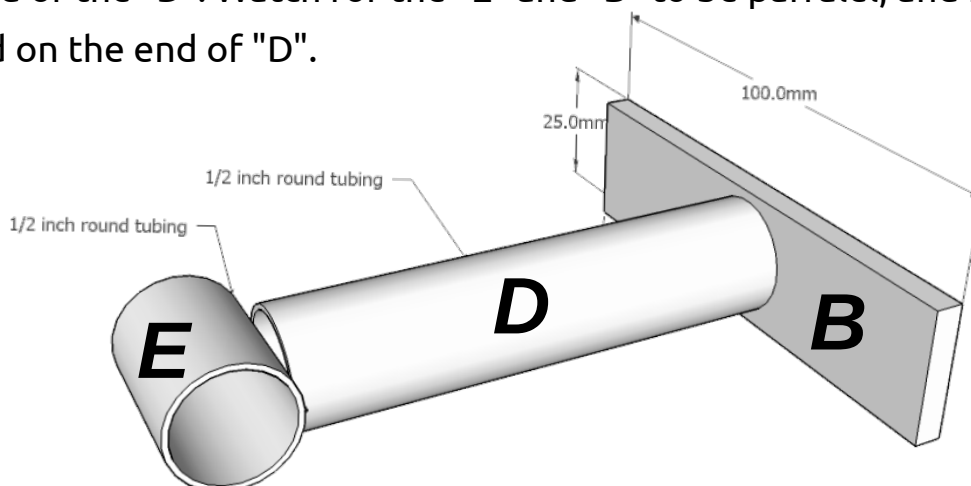
- 1 Drill both ends of all "A" pieces. Use an 8 mm drill bit and place the holes 12.5 mm inside from the edges

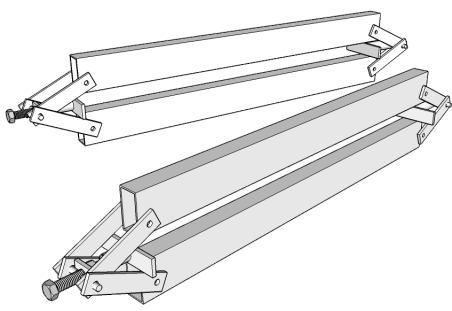


- 2 Weld one "E" piece in the center of a "B" piece



- 3 Weld the "D" piece in the center of a "B" piece, then weld the remaining "E" to the other end of the "D". Watch for the "E" and "B" to be parallel, and for "E" to be centered on the end of "D".





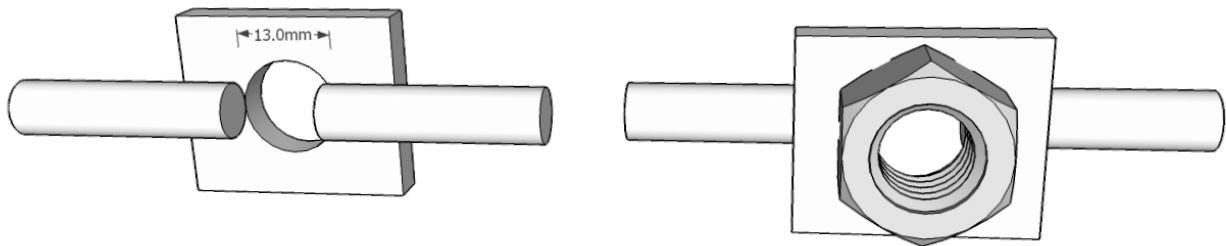
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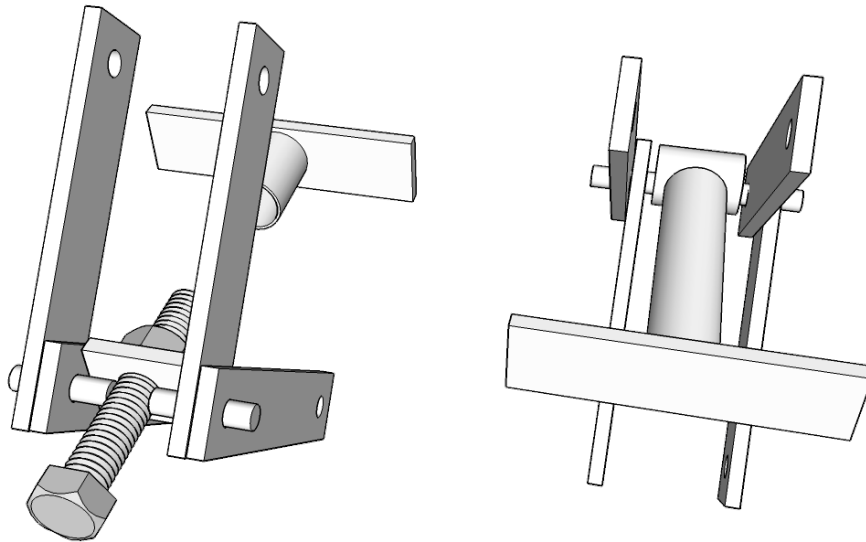


Assembly

- 4 Drill a 13 mm hole in a piece of flat iron, then cut it to the length of "C" piece. Weld two 8 mm screws as in the picture and cut their hex head (or use threaded rod). Weld the M12 nut flat on the "C" piece, on the opposite side than the M8 screws.



- 5 Assemble everything together as in the picture



- 6 Fit the clamp pieces to square tubing or wooden struts cut at the desired length by drilling 8 mm holes and using M8 hex screws and nuts

READY!