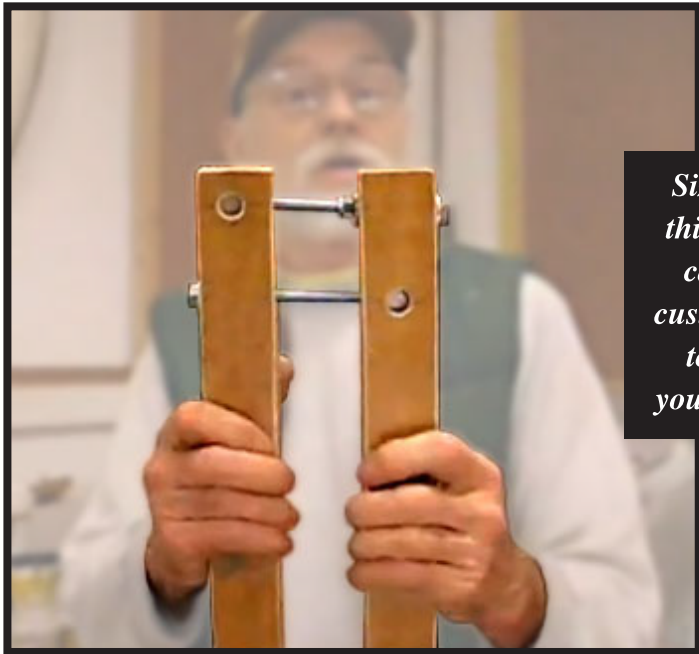




Warren D. Messer, Red Barn Boats

Making Hand Screw Clamps



Size and thickness can be customized to suit your needs



Description These are inexpensive, simple clamps for situations where you need to attach gunwales and outwales, or for hard to reach places. Jaws can be hardwood, softwood or plywood depending on use. To operate, roll the bolts in your fingers to open/close the jaws together. It depends how you hold the clamps (which side is up), as to which way the jaws move when you roll the bolts. A description is included in Red Barn Boats YouTube videos:

Parts 33-1 and 33-4 Installing Rudder and Trim: <http://www.youtube.com/user/redbarnboats#p/u/2/7W8e3DcMzGw>

Hardware

- 1** 2 each: 5/16"-18 Tap Bolts (fully threaded), hex head, by 5 - 6 inches long
- 2** 2 each: Cross Dowel Nuts 1/2" dia. x 5/16"-18
- 3** 1 each: Nylon Lock Nut 5/16"-18
- 4** 3 each: Flat Washers for 5/16" Bolt

Drawing

