

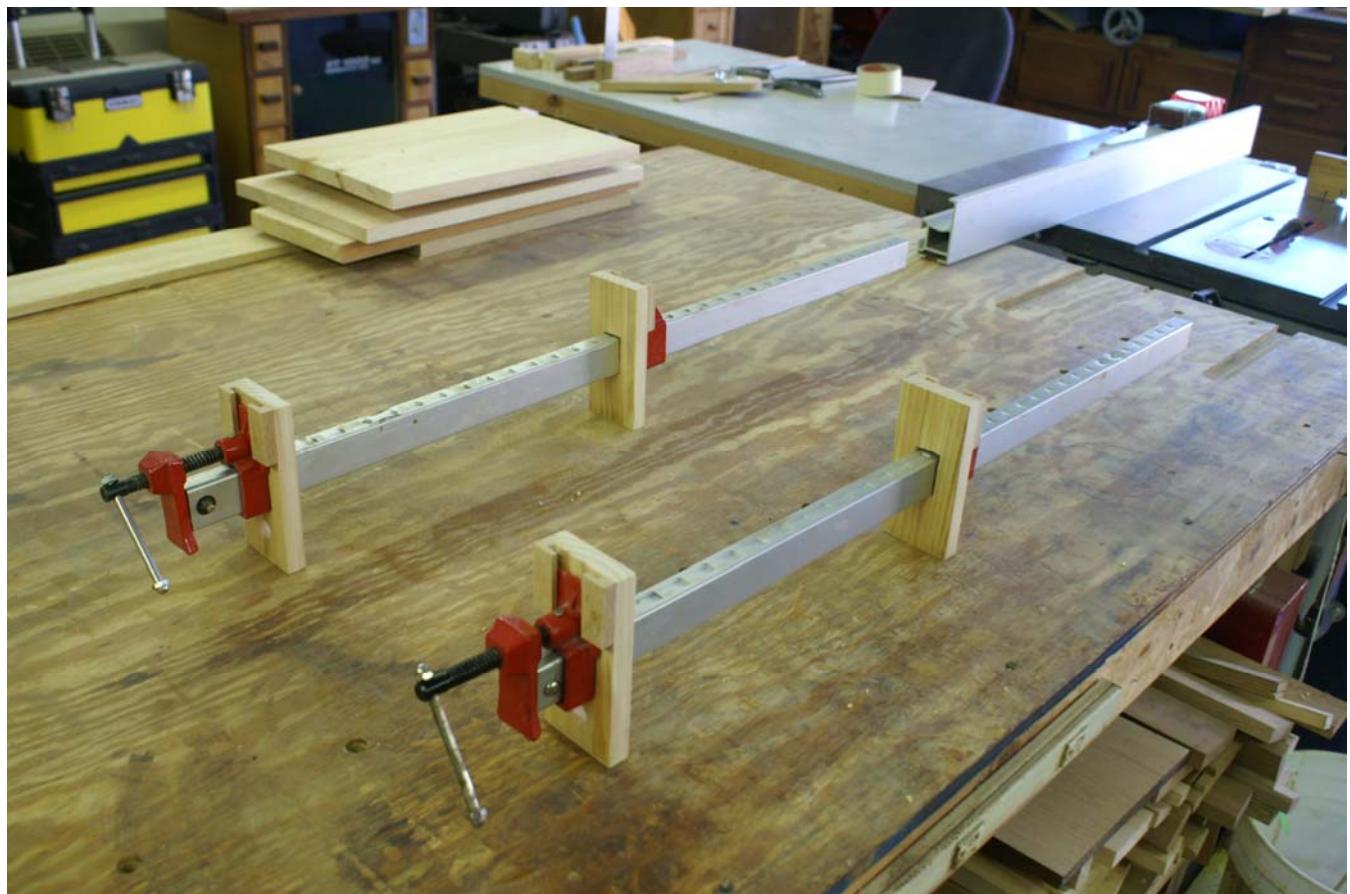
This is my idea for Bar Clamp Pads:

I have had pipe clamps and bar clamps for years without clamp pads. When I used them I would place a small piece of wood between the clamp faces and my project. Sometimes it was difficult to hold the clamp and the wood on both sides. Also storing the clamps was a hassle as I would generally clamp them on the side of my work benches.

I have come up with pads that I think are unique. I first made pads for my pipe clamps. They worked so well that I have made similar pads for my aluminum bar clamps. I have also come up with a rack that holds both style clamps with pads.

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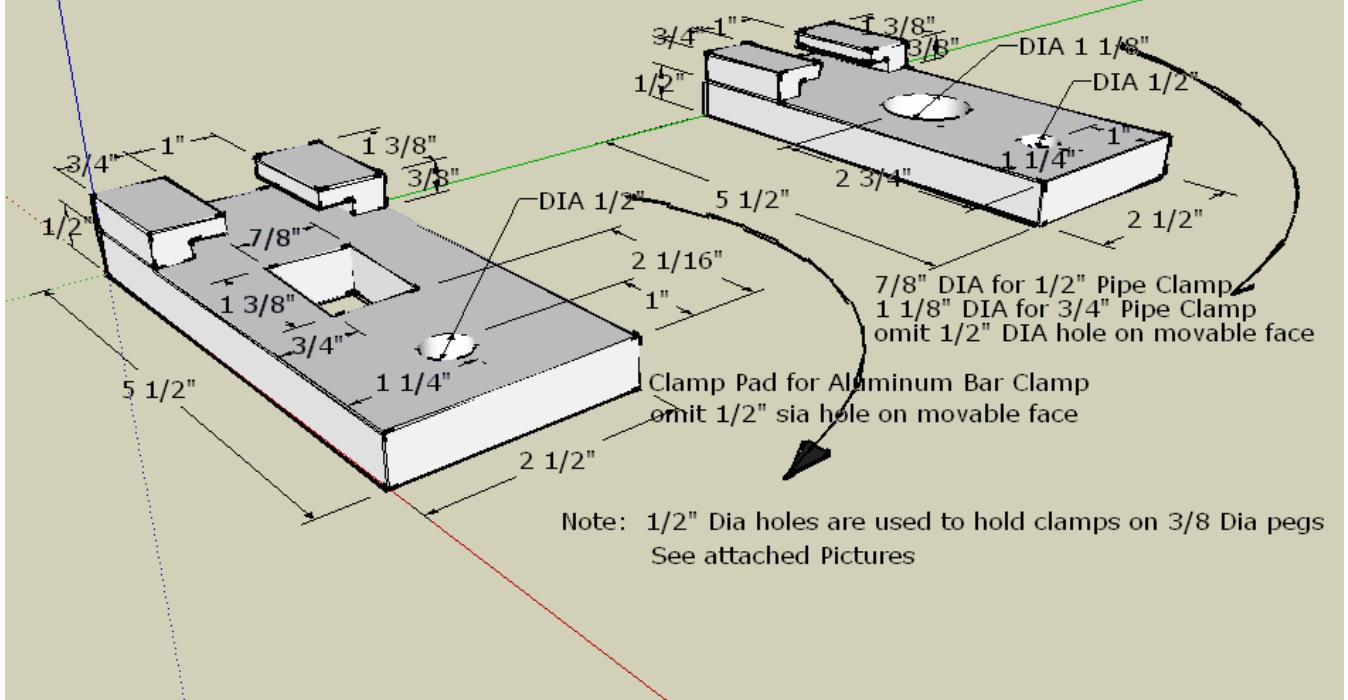
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Pipe Clamp Pads

Aluminum Bar Clamp Pads



The basic pad is the same for pipe and bar clamps.  
I cut a  $\frac{1}{2}$ " x  $2\frac{1}{2}$ " x  $5\frac{1}{2}$ " piece of southern pine.

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I cut a  $\frac{1}{2}''$  x  $2\frac{1}{2}''$  x  $5\frac{1}{2}''$  piece of southern pine.

For the Bar clamp I cut a  $1\frac{3}{8}''$  x  $7/8''$  opening in the center of the pad.

For the  $\frac{3}{4}''$  Pipe clamp I cut a  $1\frac{1}{8}''$  dia hole in the center of the pad.

For the pad that goes on the stationary side drill a  $1/2''$  dia on center  $1\frac{1}{4}''$  from end.

For the clips on the back I took a piece of  $\frac{3}{4}''$  oak and cut  $3/8''$  rabbit  $3/16''$  deep on one edge and then ripped  $3/8''$  strip. I then cut the strips  $1\frac{3}{8}''$  long and glued on the sides of the pads.

For the clamp rack I cut (2) pieces of oak  $1\frac{1}{2}''$  x  $2\frac{1}{2}''$  x  $75''$ .

On one side of one piece I drilled a  $3/8''$  hole  $\frac{1}{2}''$  deep every  $3''$ .

I then cut (24) pieces of  $3/8''$  dowel stock  $1''$  long and glued in the rack holes.

I mounted the clamp rack with dowels  $8''$  below ceiling and the dowels away from wall.

I installed the 2<sup>nd</sup> clamp without dowels  $32''$  below the ceiling parallel and aligned with first rack.

