

Project Diagrams
WOOD BEAM MANTEL



These diagrams are intended to supplement the project instructions found here:

projectbilld.com/blog/beam-mantel

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Contents

OVERVIEW..... 3

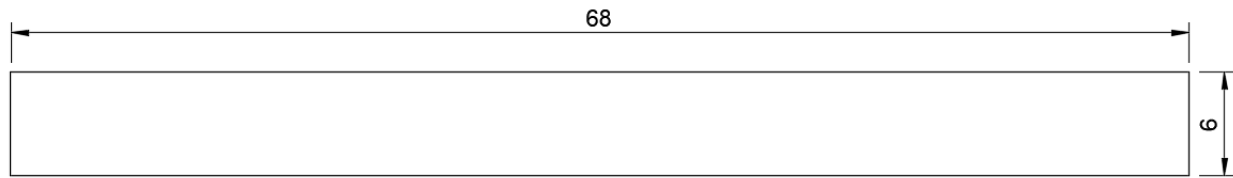
BEAM TOP AND BOTTOM PIECES 4

BEAM FRONT PIECE..... 5

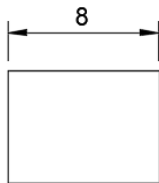
INSIDE BEAM FRAME 6

OVERVIEW

Front View



Side View

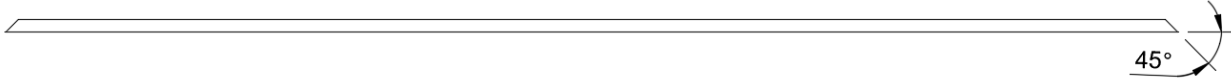


Notes

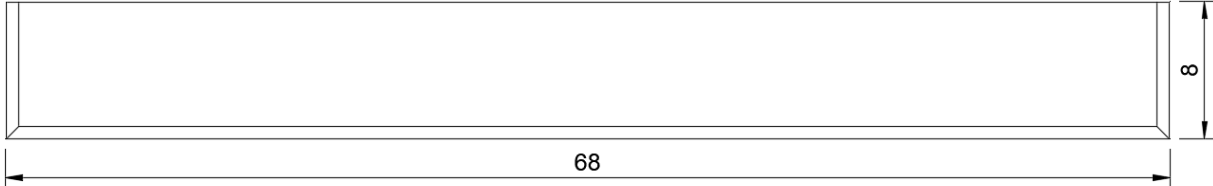
1. The beam dimensions are dependent on your situation. I chose a width of 68 in, depth of 8 in, and height of 6 in to fit my fireplace, but these can be modified to fit your space.
2. The top of the French cleat is approximately $\frac{1}{4}$ in narrower than the inside of the beam and the bottom of the cleat is 2 inches less than that to allow the beam to be adjusted side to side.
3. My French cleat was made from a $3\frac{1}{2}$ in strip of plywood. You can use a different width but the width should be a least $\frac{3}{4}$ in (the thickness of the cleat) narrower than the opening on the back of the beam so the beam can slip over the top of the 45° of the lower cleat and drop down into position.

BEAM TOP AND BOTTOM PIECES

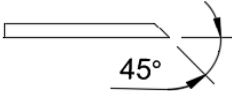
Front View



Top/Inside View

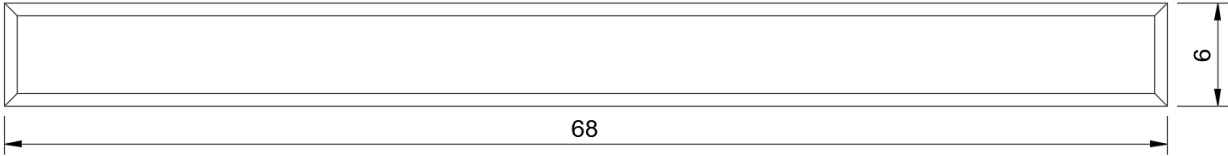


Side View



BEAM FRONT PIECE

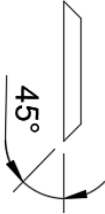
Back/Inside View



Long Side View

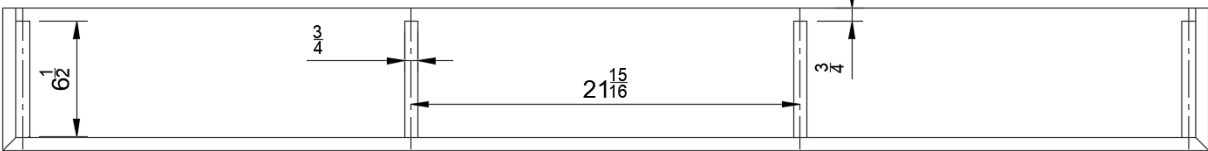


Short Side View



INSIDE BEAM FRAME

Top-Down View



Front View



Side View



Note: The frame piece dimensions are dependent on the depth and height of the beam. The frame piece spacing is dependent on the width of the beam.

If you enjoyed the plans, please consider supporting my work by [donating to Project Billd](#).

If you have any questions about dimensions or find a mistake in these diagrams, please contact me via email using my contact page at projectbilld.com/contact and I'll get back to you as soon as possible!

Happy billding!

-Bill