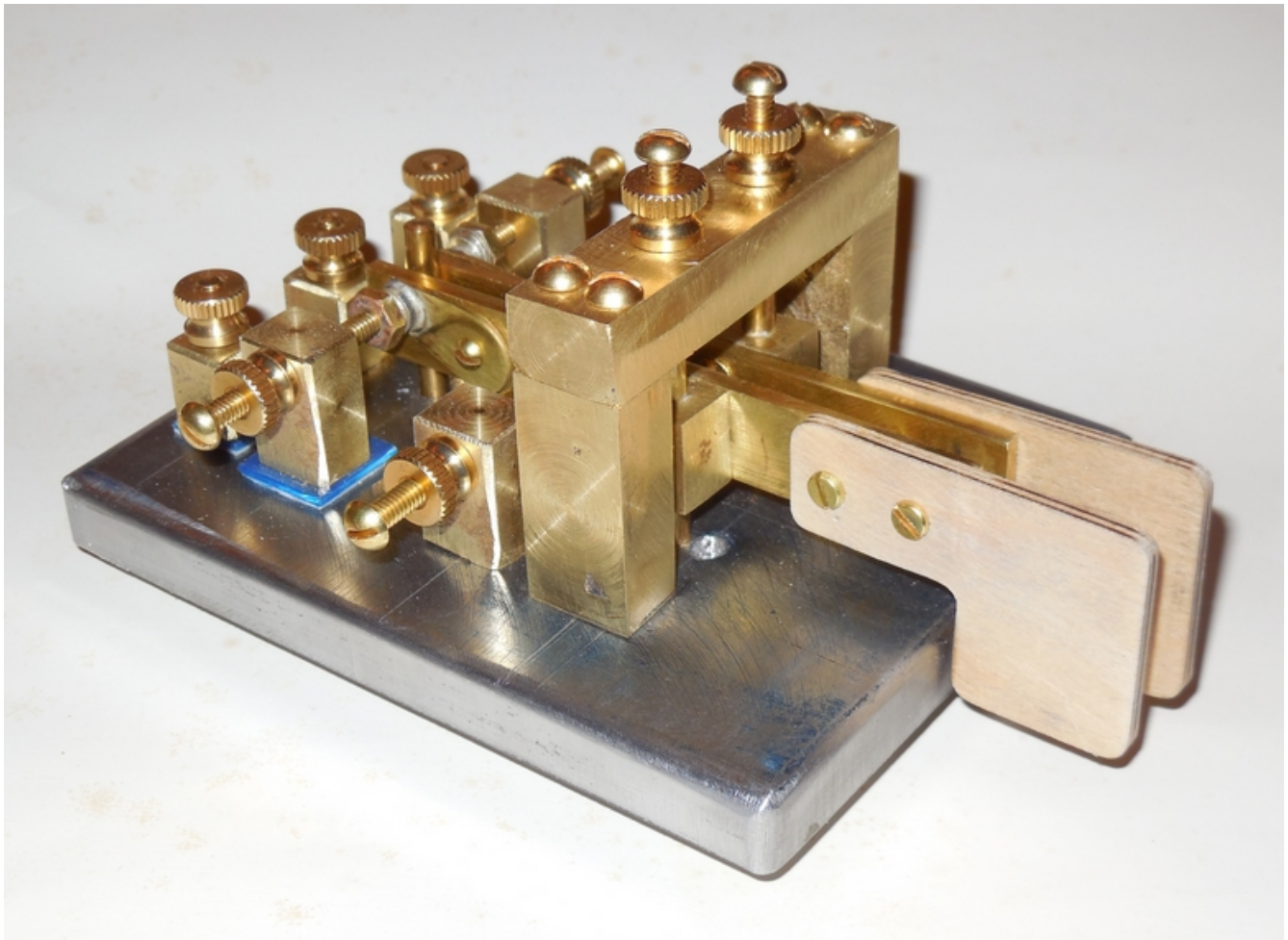


**DIY Dual Lever
Paddle Diagrams
by
Ken, KM4NFQ**

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Introduction

This document contains various diagrams that I made during the build of my brass DIY Dual Lever Paddle. The diagrams evolved as the design process progressed. I began the project in the beginning of September 2019 and had a functioning paddle on 11 November 2019.

Construction Details

The base was cut from a piece of 4 inch wide, ½ inch thick steel. The levers were cut from 9/16 inch wide, 1/8 inch thick flat bar. The pivots were cut from 3/16 inch diameter brass rod. The brass blocks were cut from scrap cast brass. Screws, and knurled nuts were purchased at the local Ace hardware store. The finger pads were cut from a piece of 1/8 inch thick model airplane 5-ply plywood.

Plates

Plate 1. Dimensions of the paddle.

Plate 2. Dimensions of the paddle.

Plate 3. Top – Dimensions. Bottom- Layout of the paddle.

Plate 4. Layout of the paddle.

Plate 5. Layout of the paddle.

Plate 6. Steel base drilling guide.

Plate 7. Top – Drilling guide. Bottom – Detail of Pivots.

Plate 8. Pivot details.

Plate 9. Pivot details.

Plate 10. Pivot details.

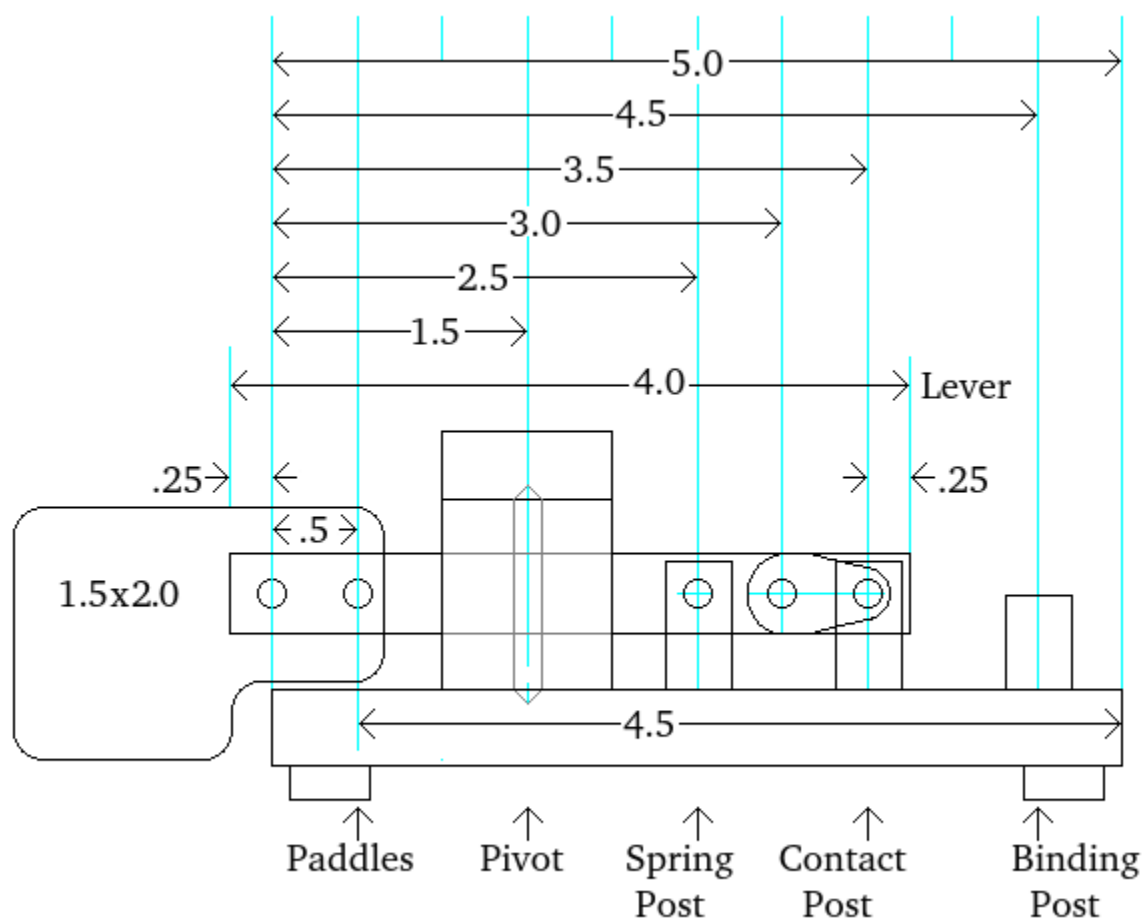
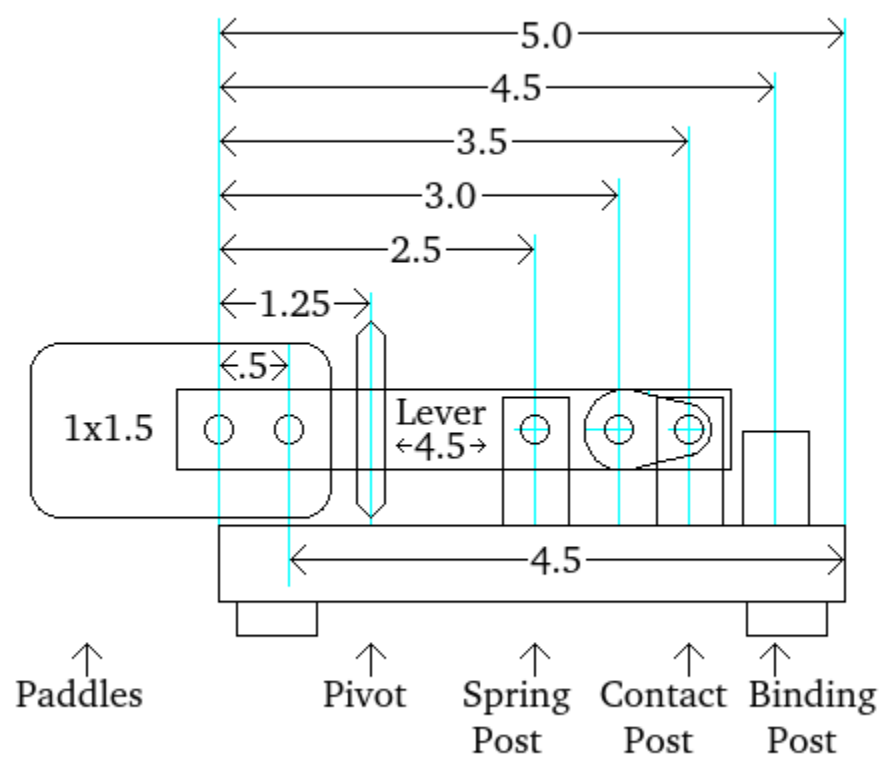
Plate 11. Top – Pivot detail. Bottom – Posts detail.

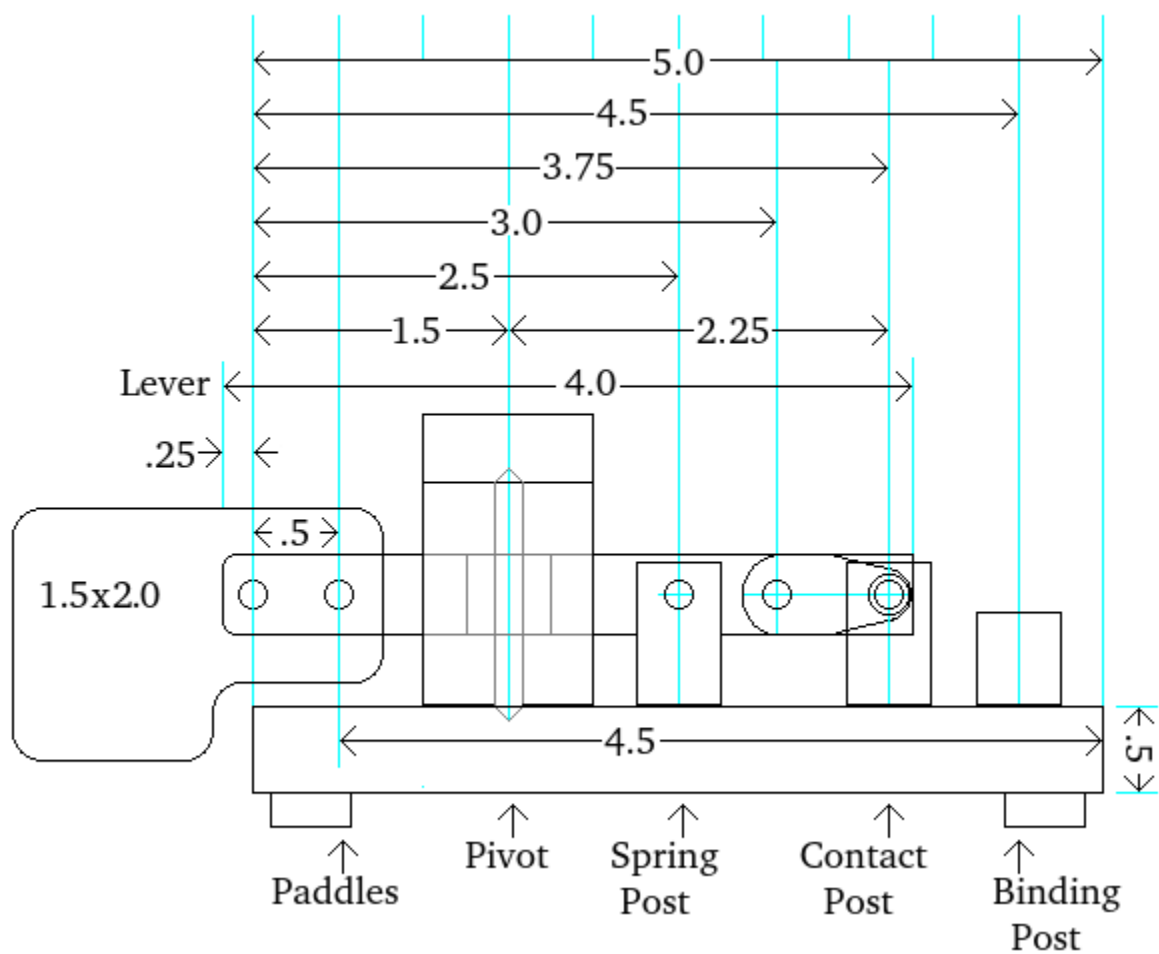
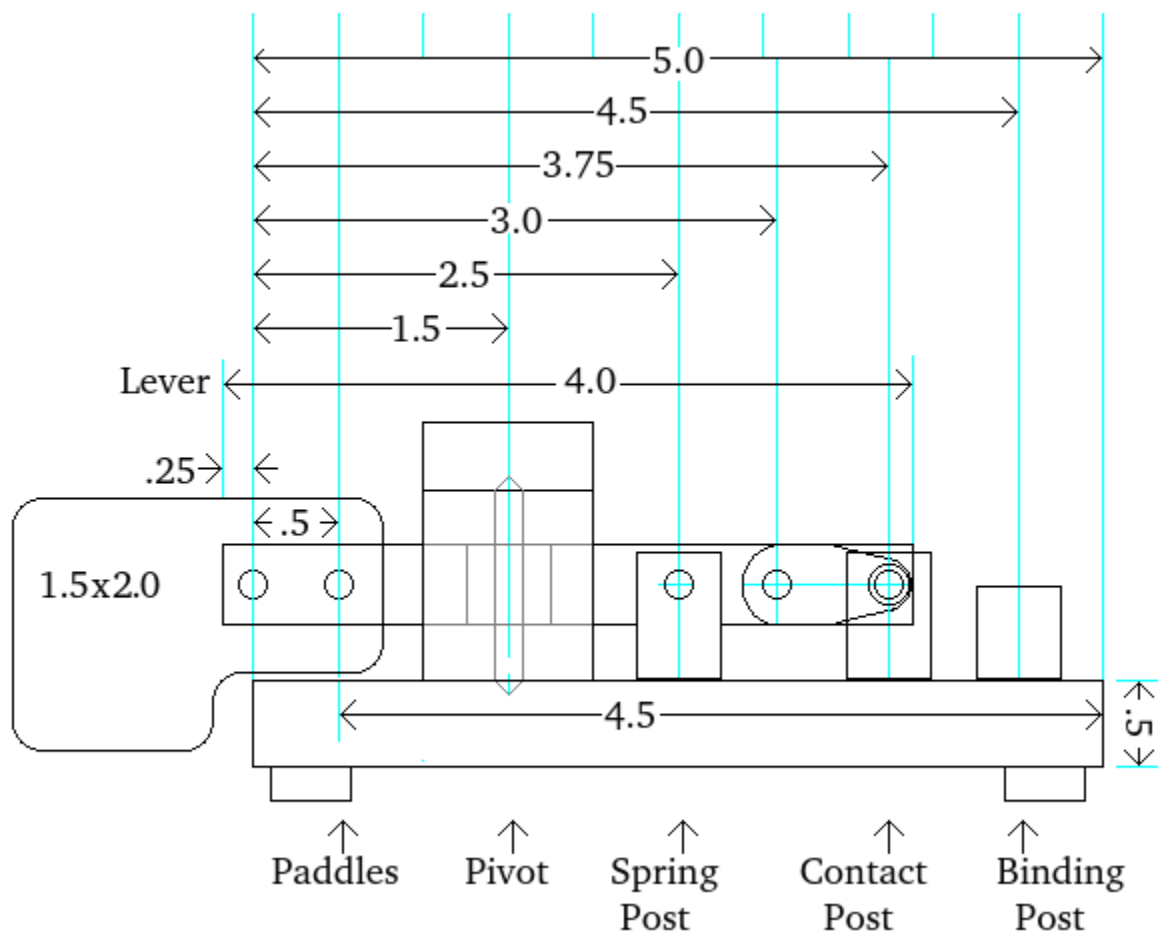
Plate 12. Top – Levers detail. Bottom – Posts detail.

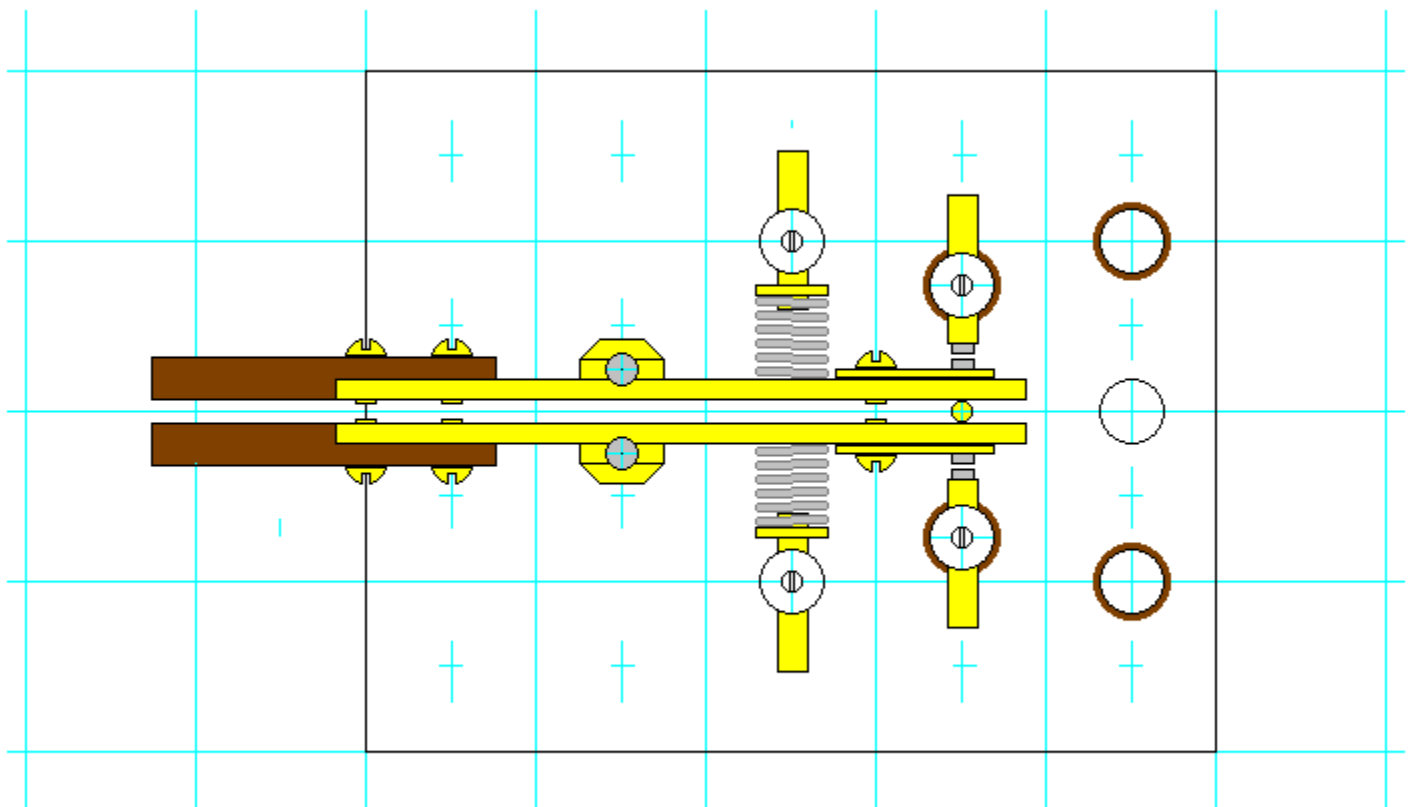
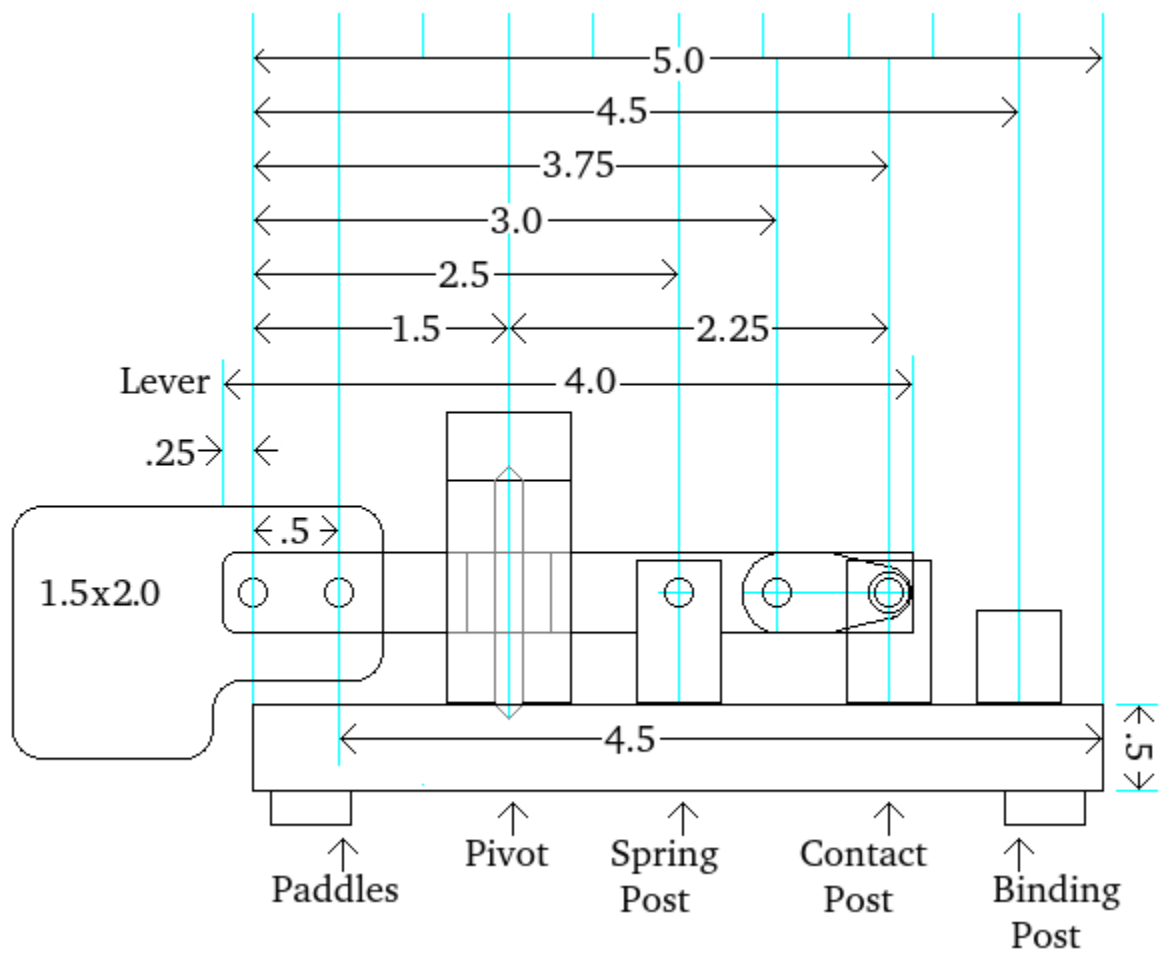
Plate 13. Posts detail.

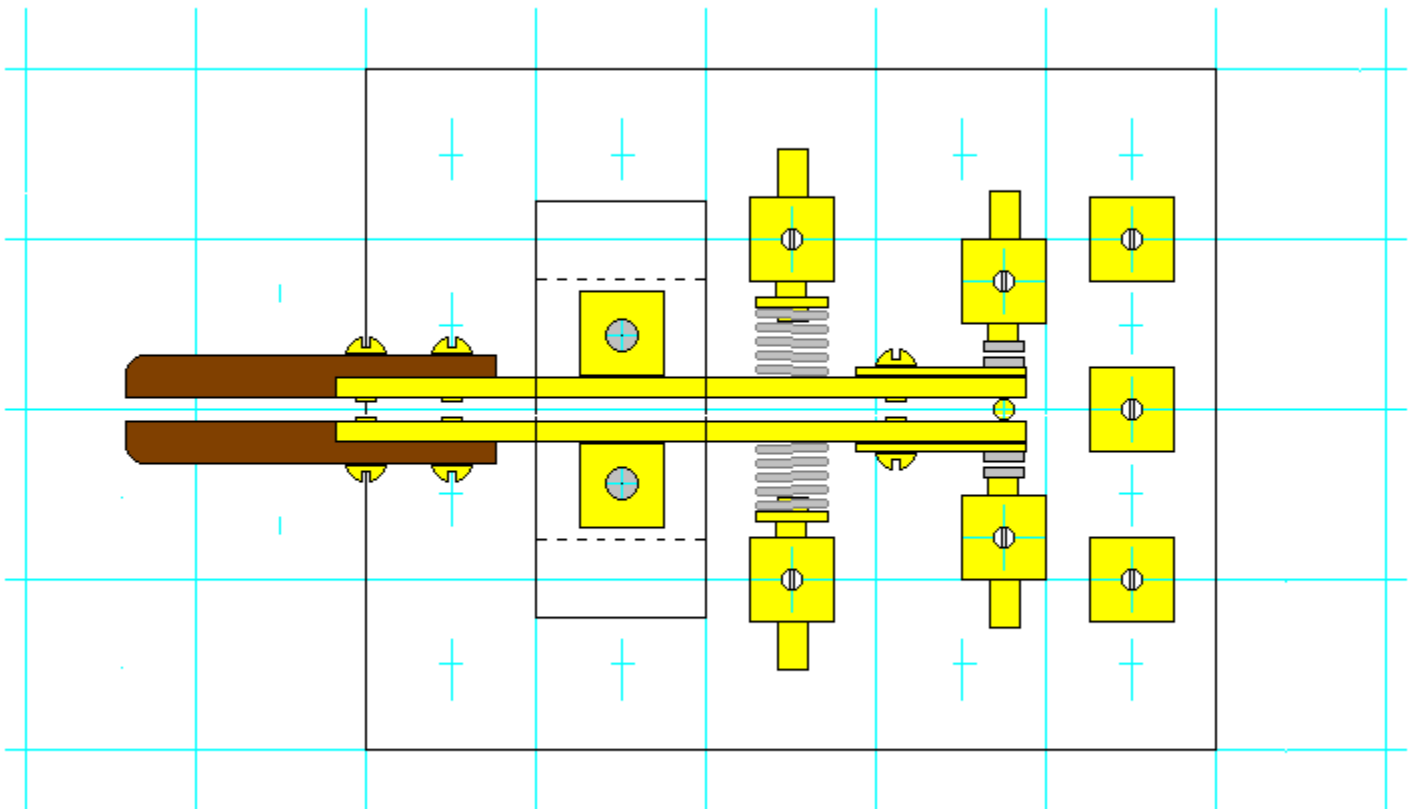
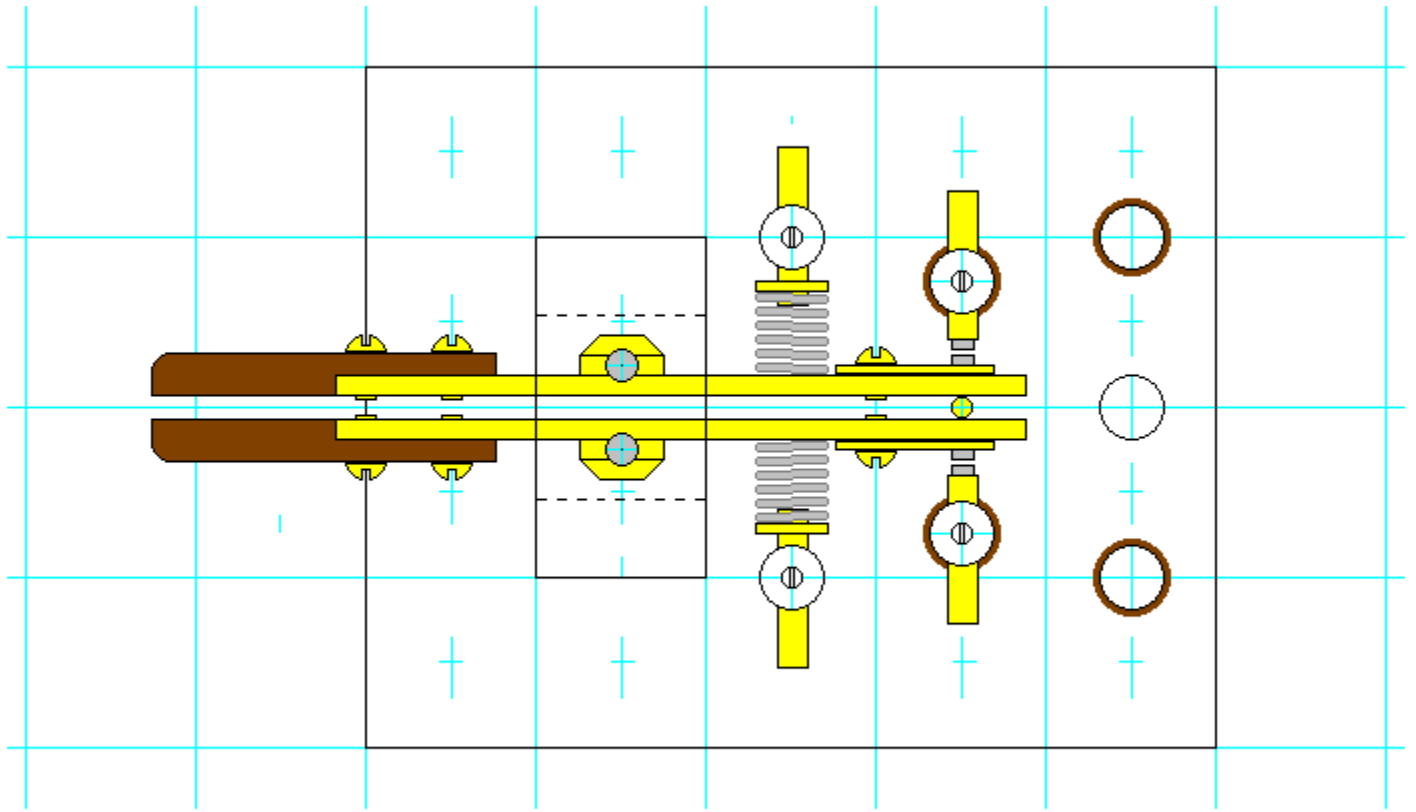
Plate 14. Top - Posts detail. Bottom – Drilling jig.

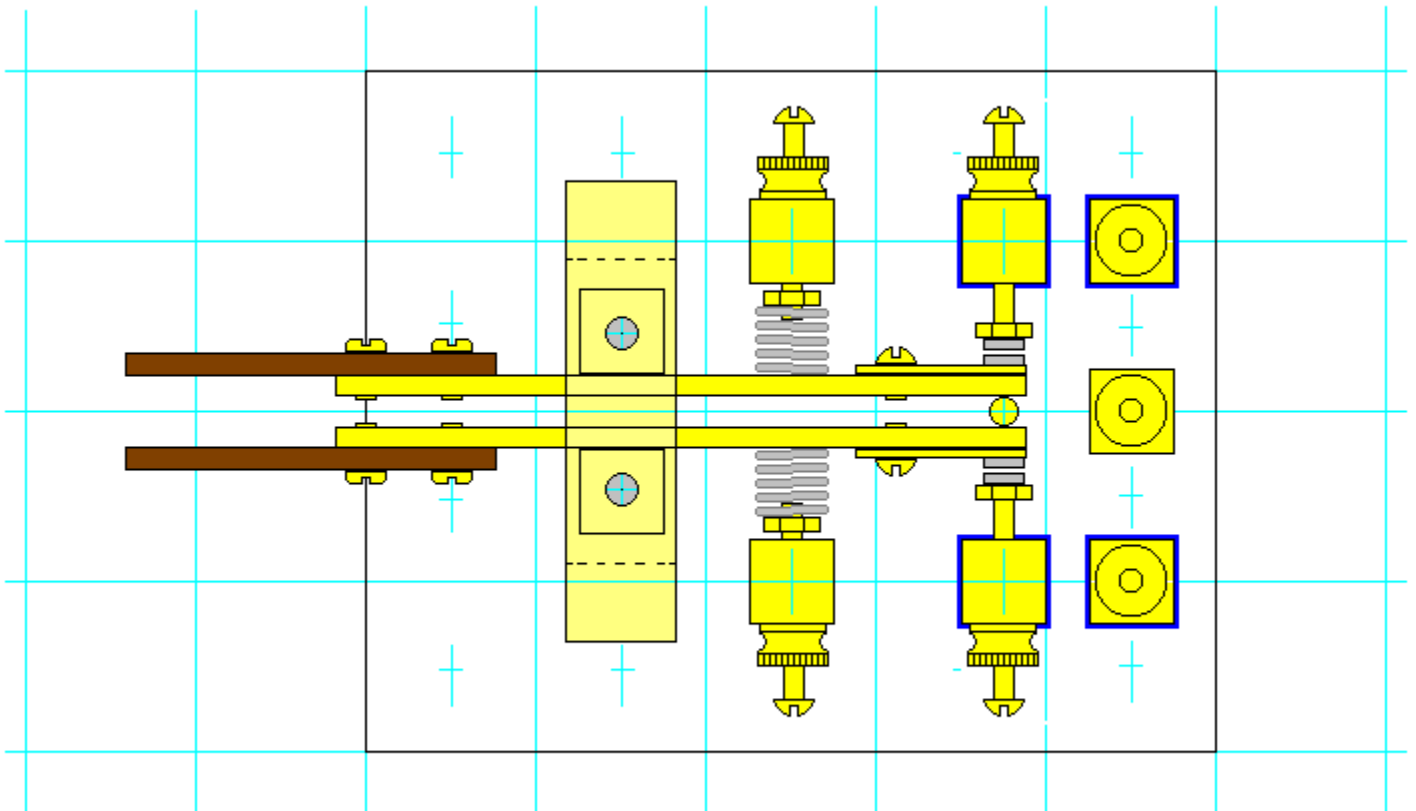
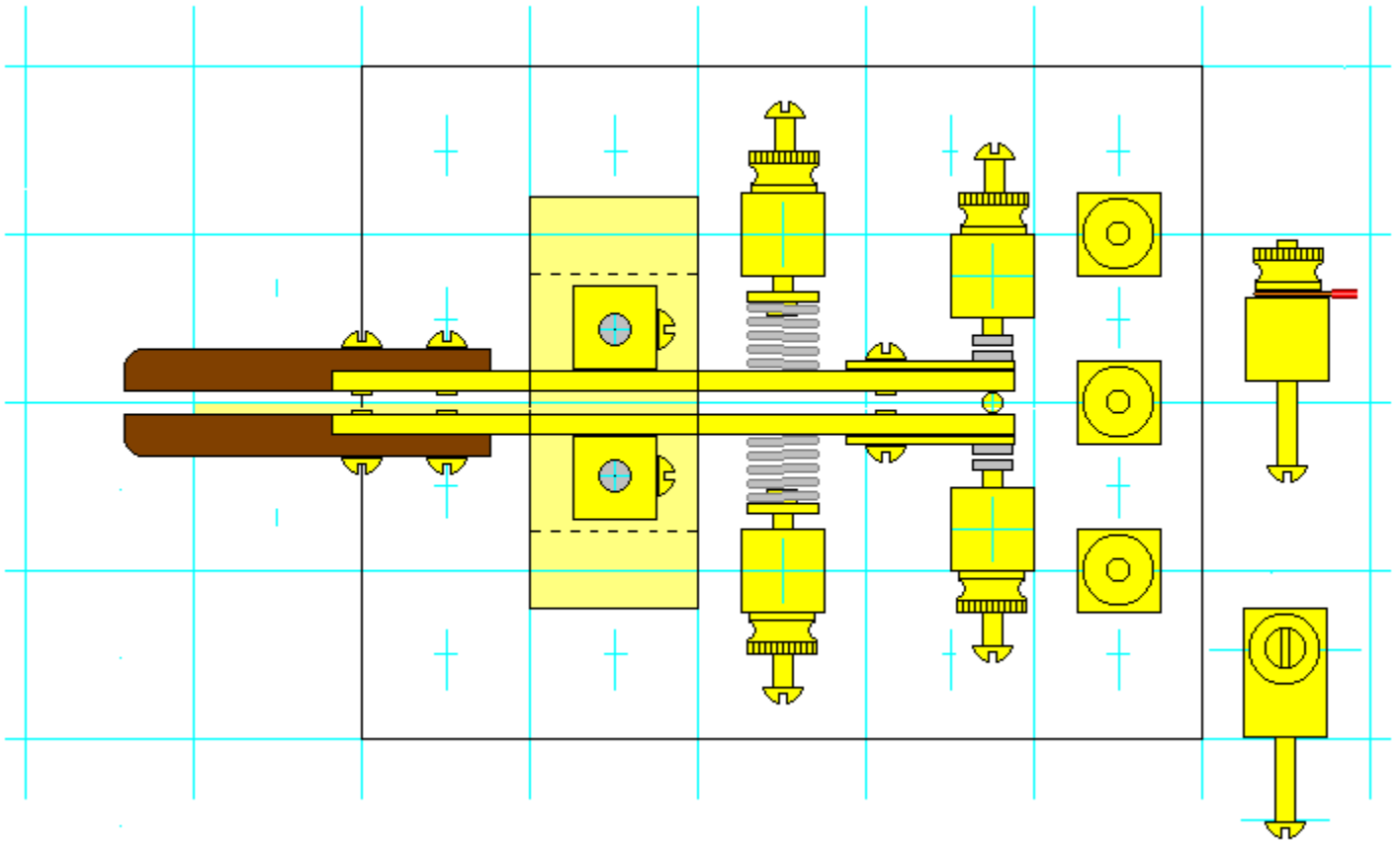
Plate 15. Ruler.

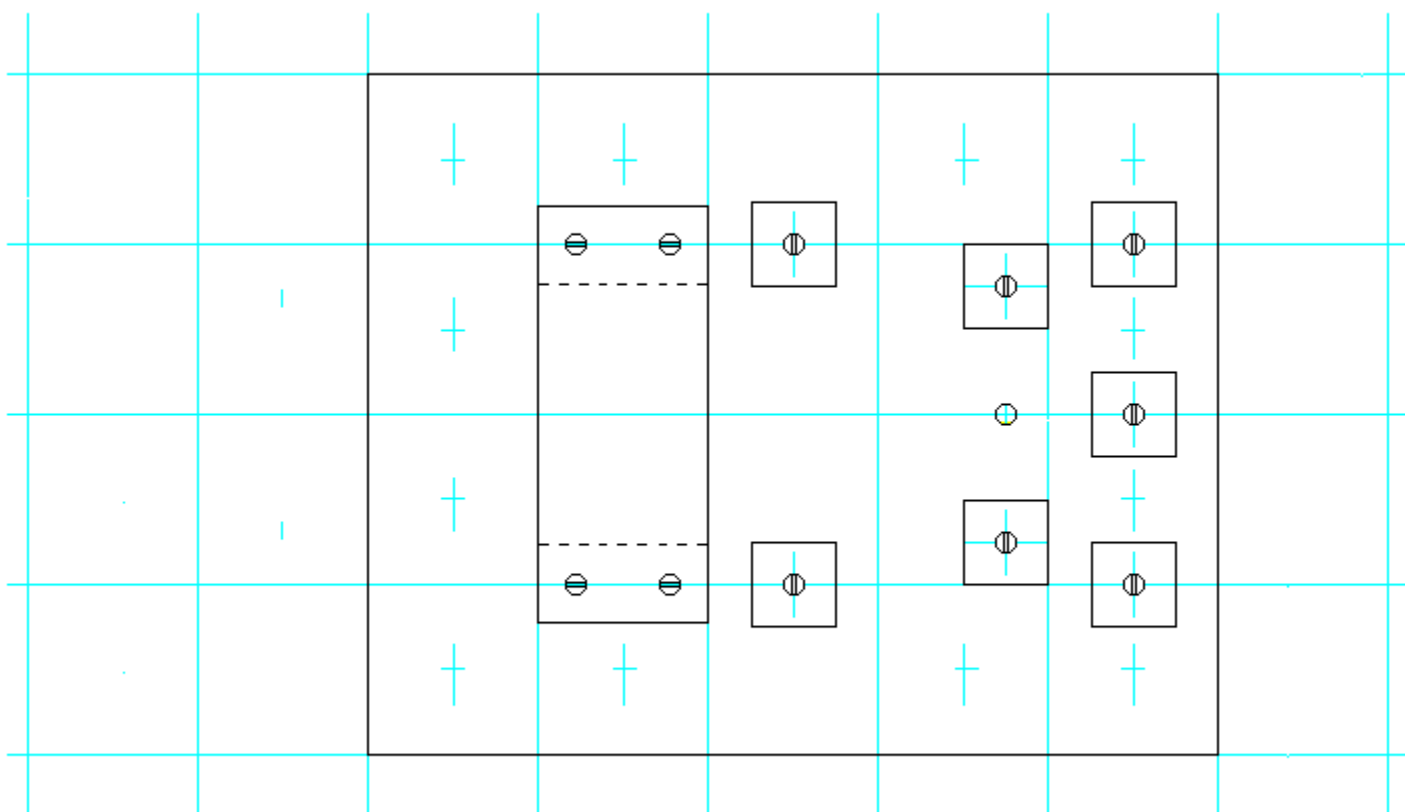
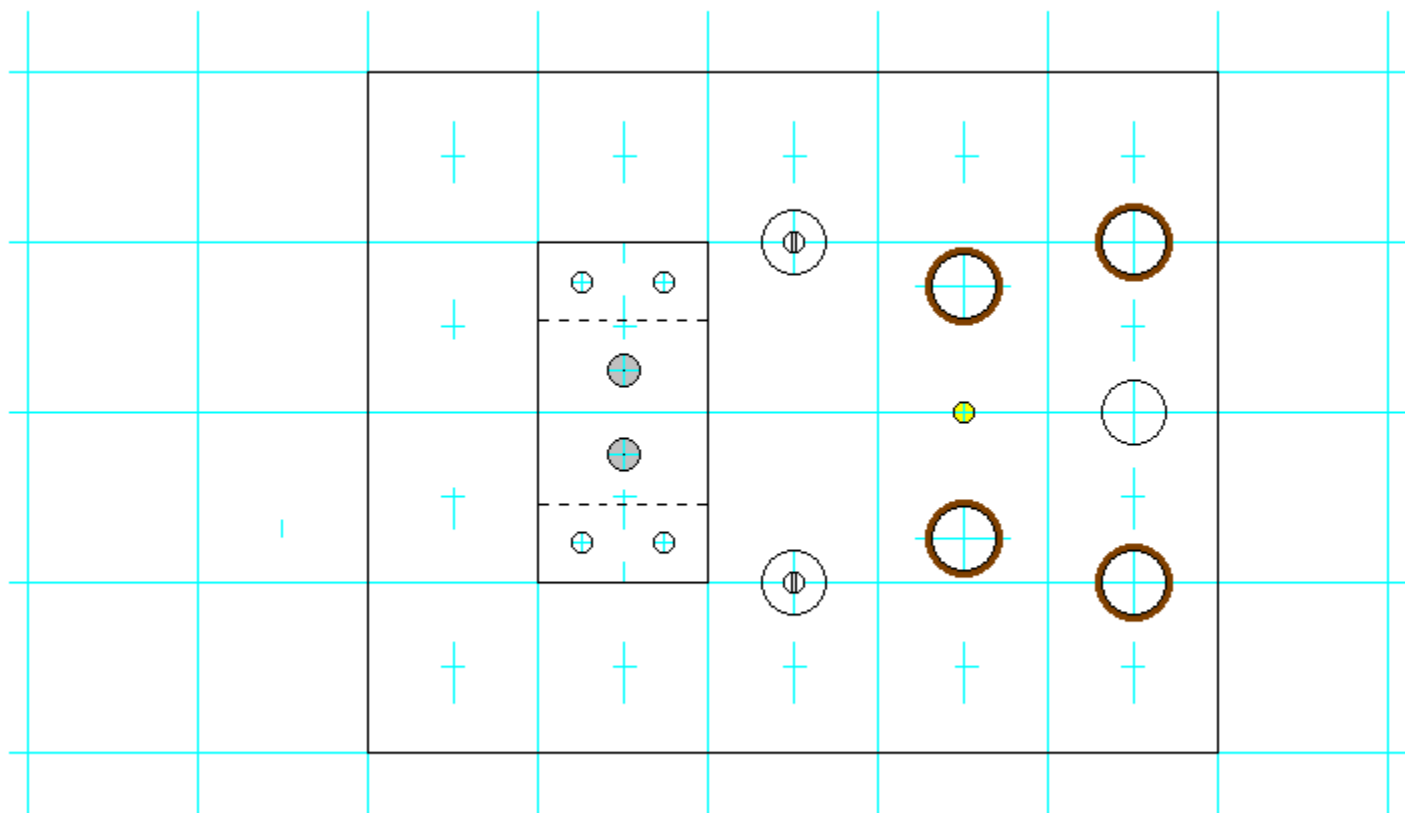


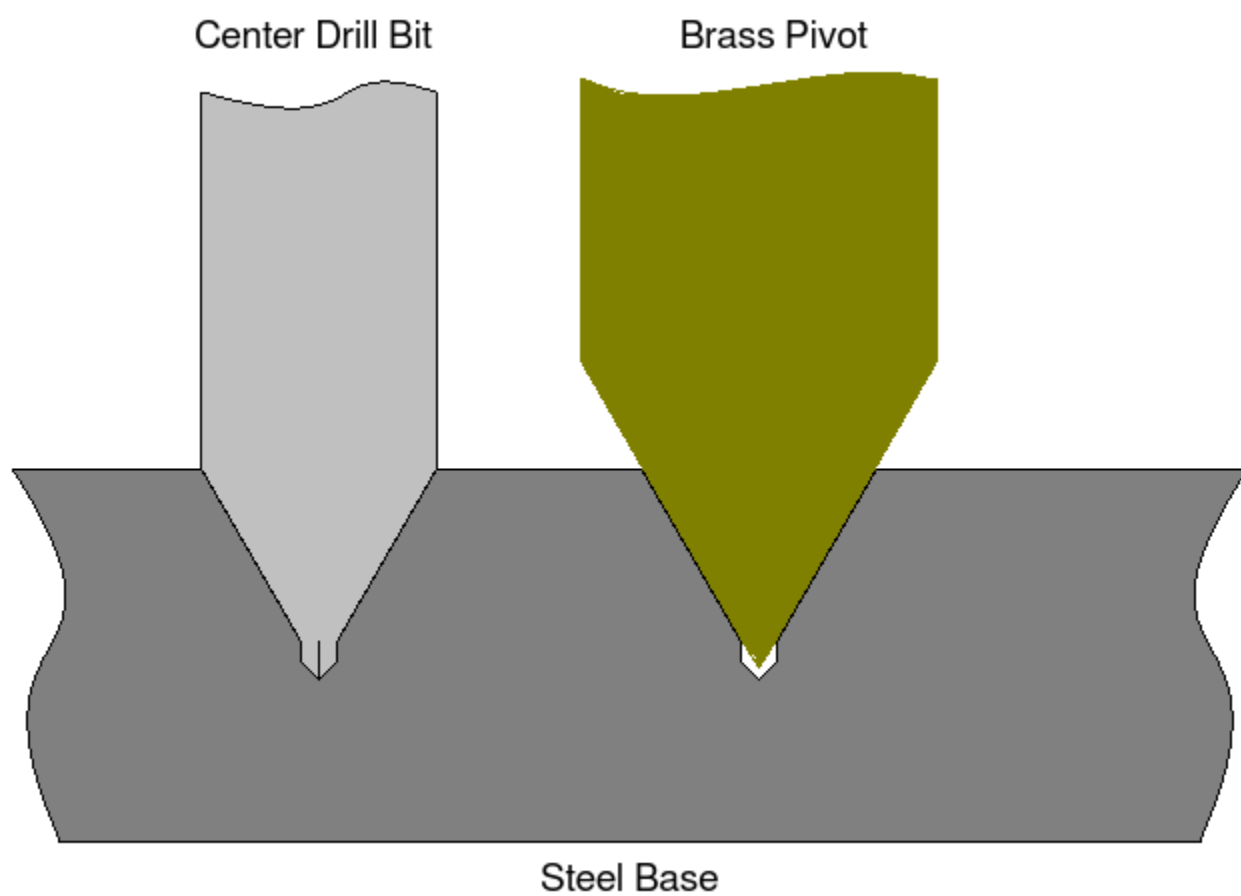
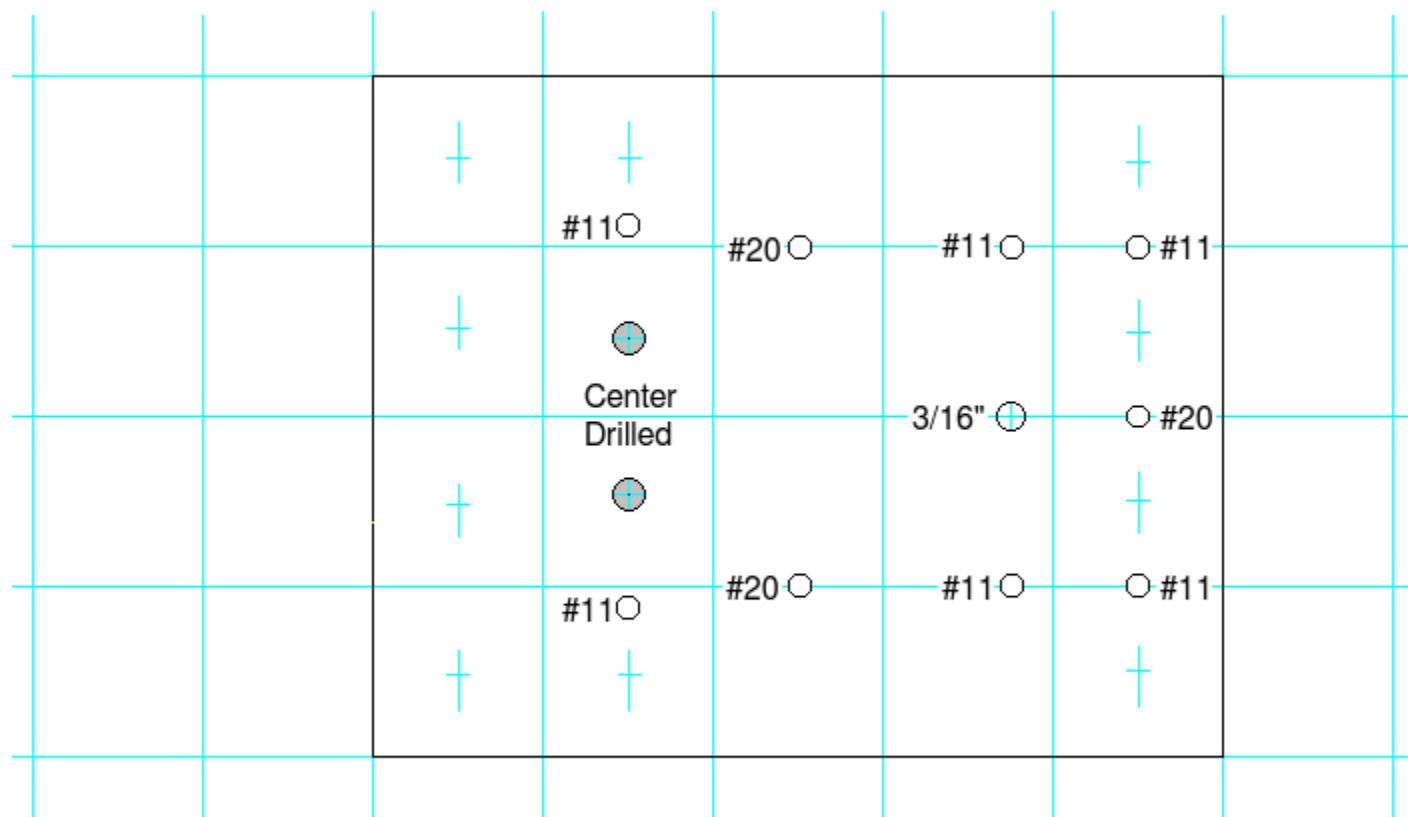




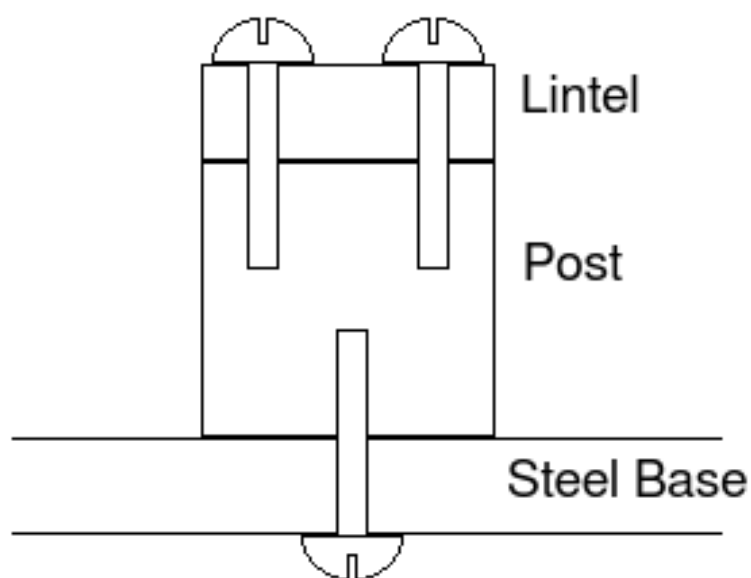
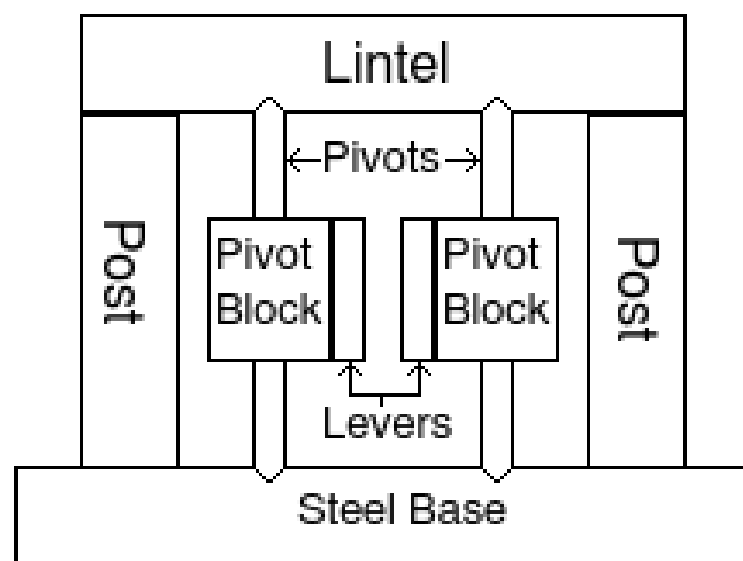


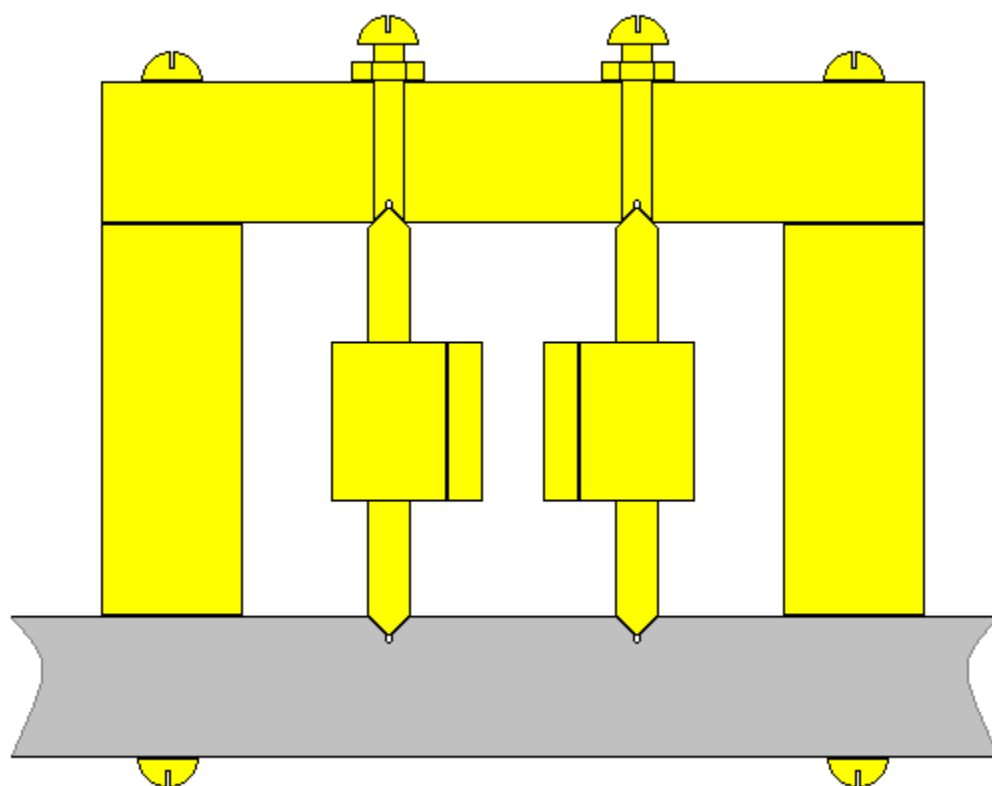
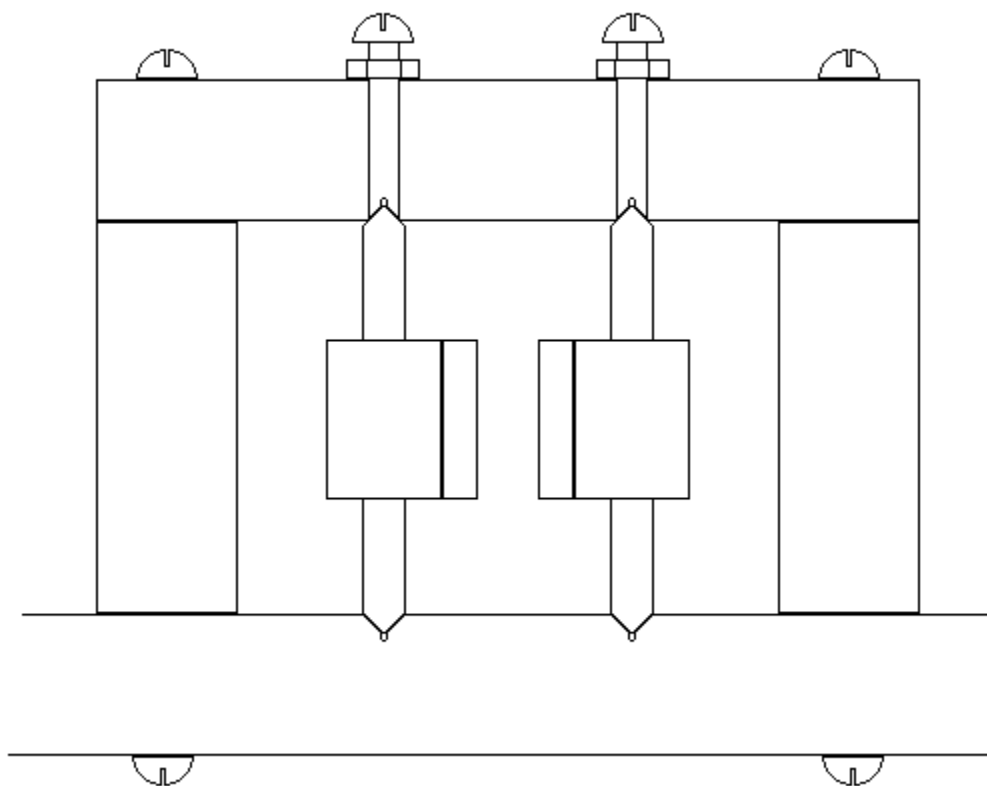


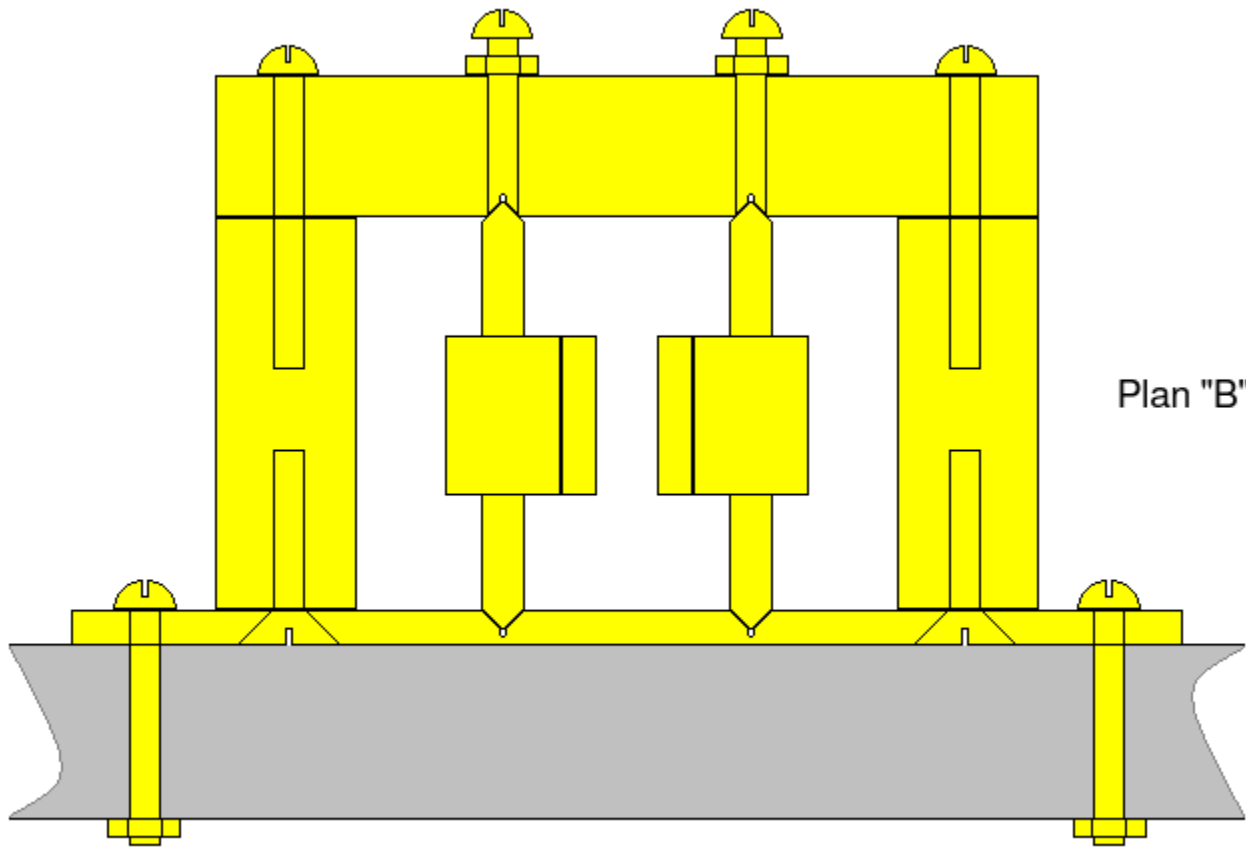


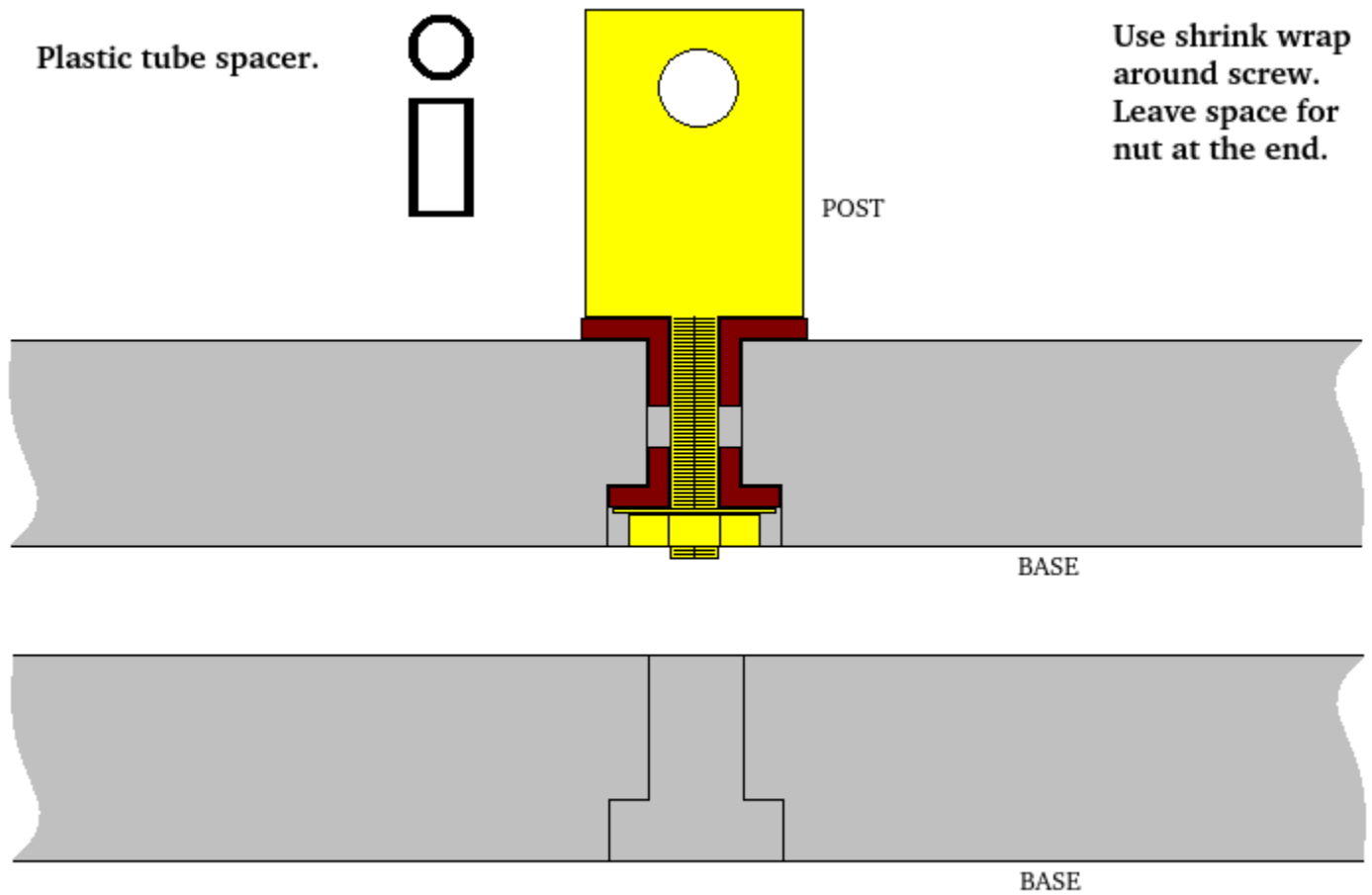
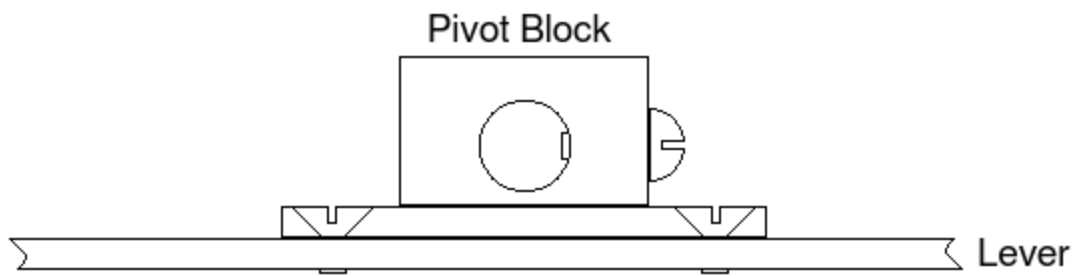


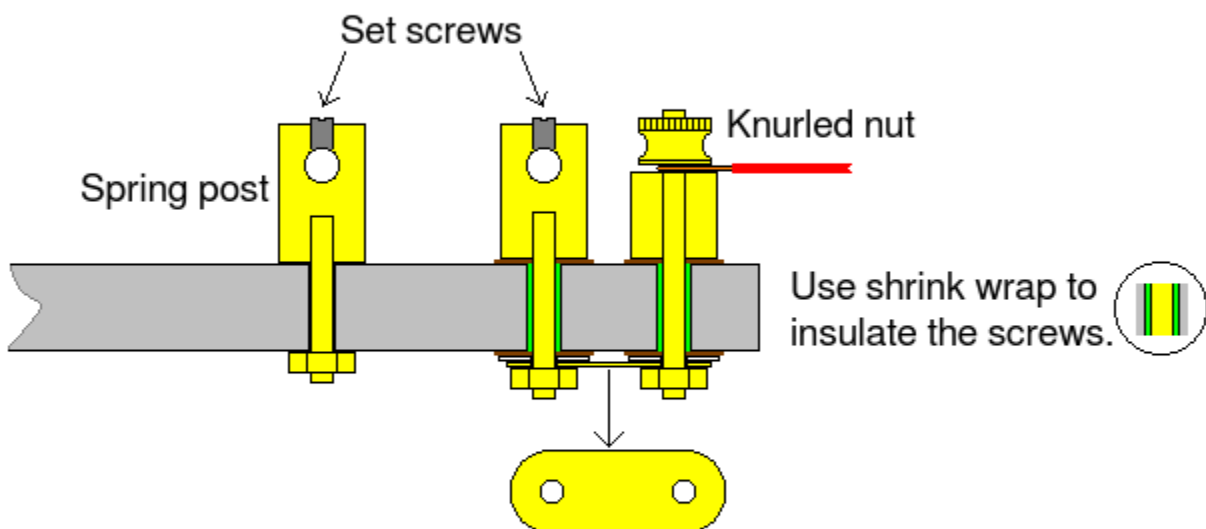
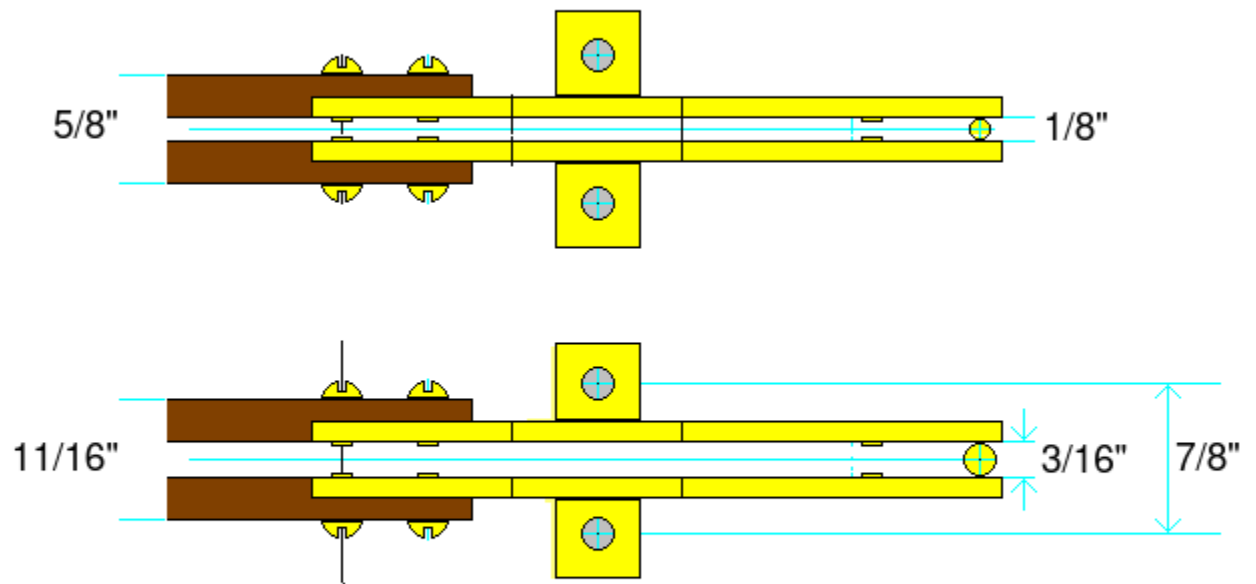
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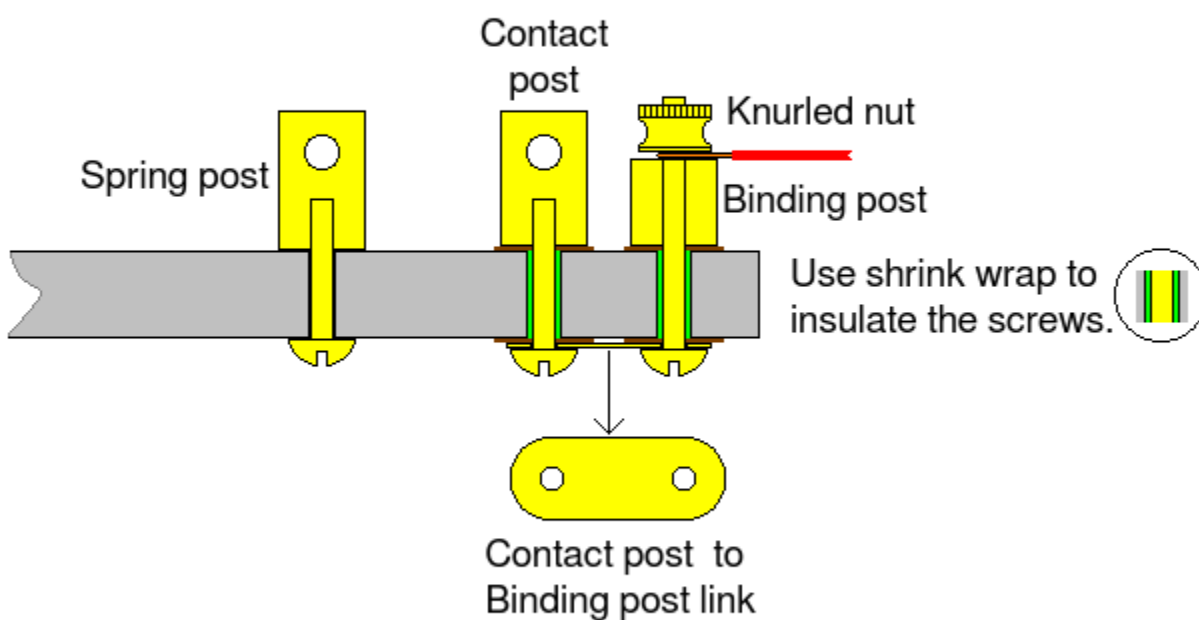
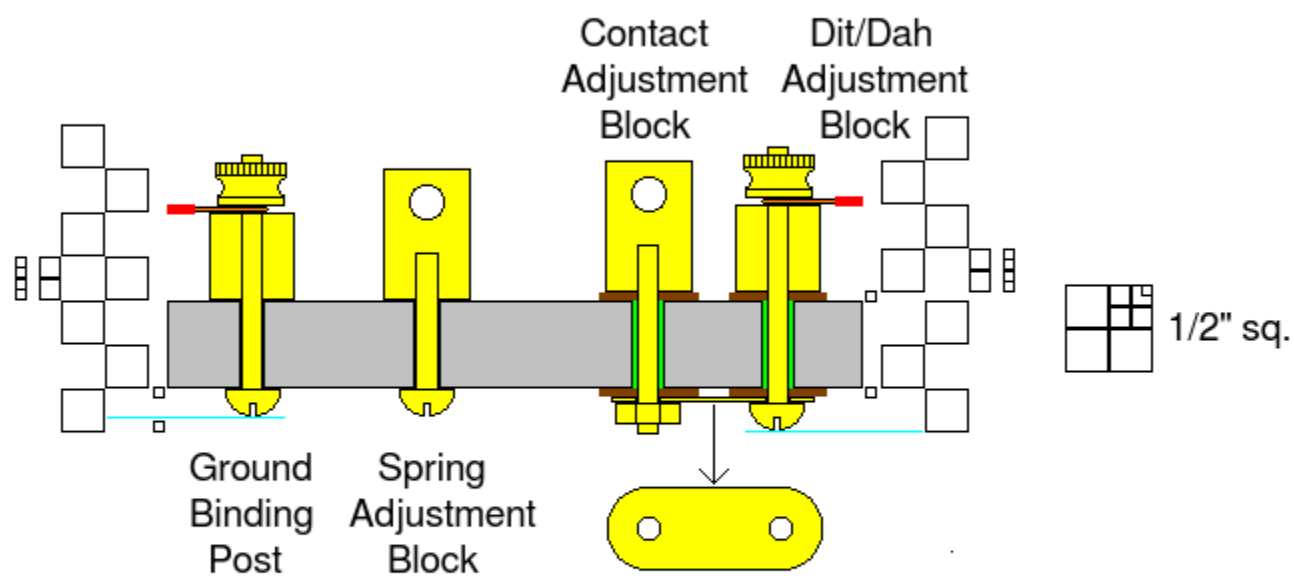


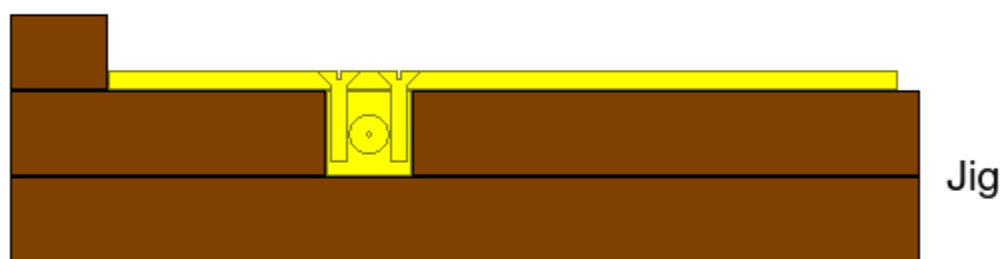
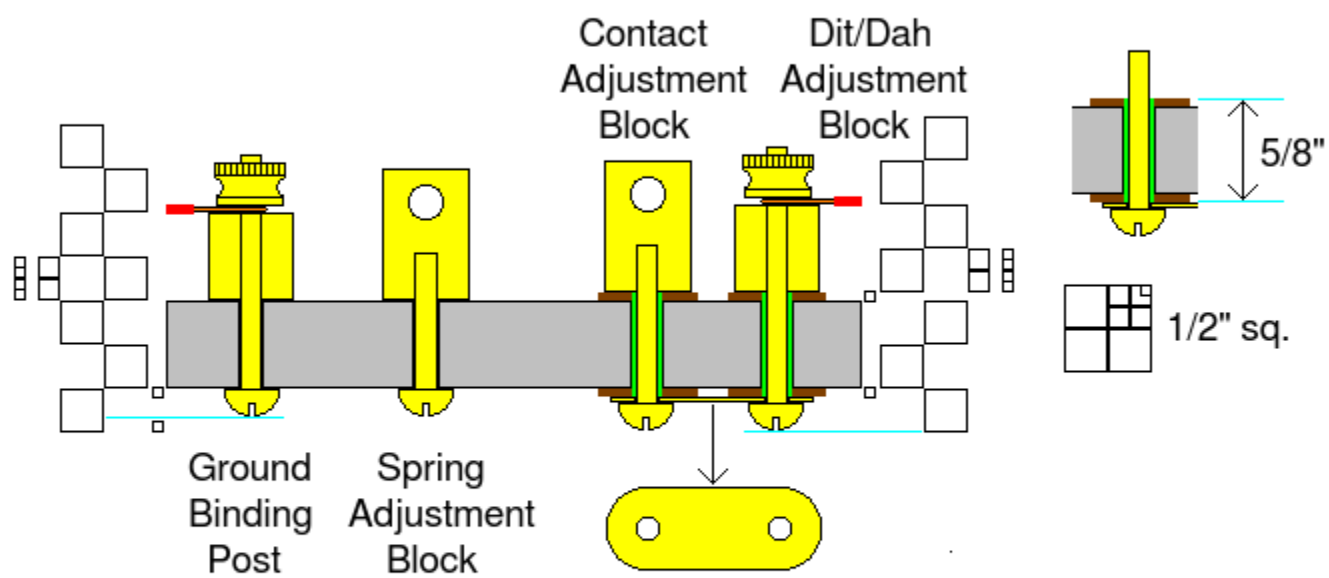












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