

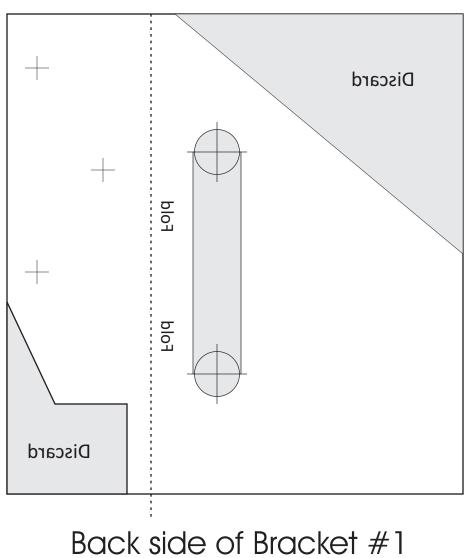
Full-size Template

These shapes were the starting point for the brackets for my WEN 12" variable speed drill press. Other makes and models may require very different mounting brackets.

Cut the large rectangular shape first, and bend the right angle fold before cutting any of the other shapes. These pieces do not have to be cut with high precision. They do have to be mounted carefully and accurately to maintain alignment with each other and with the quill.

Some custom fitting and adjustments will be necessary.

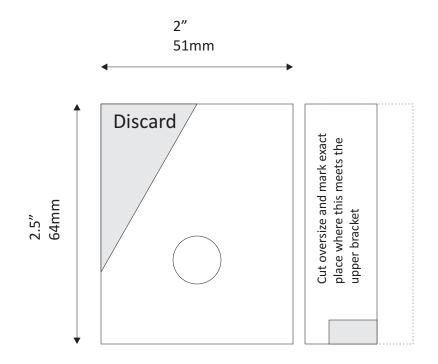
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Full-size Template

If you are tempted to turn the folded piece over to facilitate cutting or drilling, remember that left and right will be reversed. Here is a reversed drawing for the back side.

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Bracket #2 Full-size Template

This piece is cut from angle extrusion, or is folded into a right angle. The two sides are shown above. If cut from a flat piece of stock, then start with a piece that extends all the way to the dotted line. The bend will use up the 1/8" (3mm) between the two shapes, and you will trim the short side after preliminary installation, so that it exactly meets the other bracket.

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Verify the location of the hole. It is slightly oversize to allow adjustments in position, but check that it will put the vertical leg in the same plane as the upper bracket.