

# A Generalized Chain Drilling Guide, Version 1.0

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I presented a chain drilling guide for straight lines in

<https://rick.sparber.org/ChainDrillingGuide.pdf>



But what about chain drilling an arbitrary shaped line? What about



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This drill guide makes short work of the task.



I drilled two 3/16-inch holes separated by 0.213-inches. This is the diameter of a #3 drill which I used as a spacer. Then I drilled and tapped a 6-32 hole to accept my little handle.

Next, I cut a 3/8-inch long piece of 3/16-inch rod and beveled one end. This was dropped in the first hole and staked in place. The flank of this rod is tangent to the second hole so prevents break through.

I drilled my first hole at the start of the cut right on the pencil line.



Then I dropped the guide into the hole and used the handle to rotate it until the line was centered in the hole. Then I drilled the next hole.



With the guide removed, you can see that the two holes have almost no web between them.



Chugging along down the pencil line took no time at all.

After using a pick to remove just the swarf, you can better see the web thickness.



I welcome your comments and questions.

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