

Making Autopistols can be easy and fun

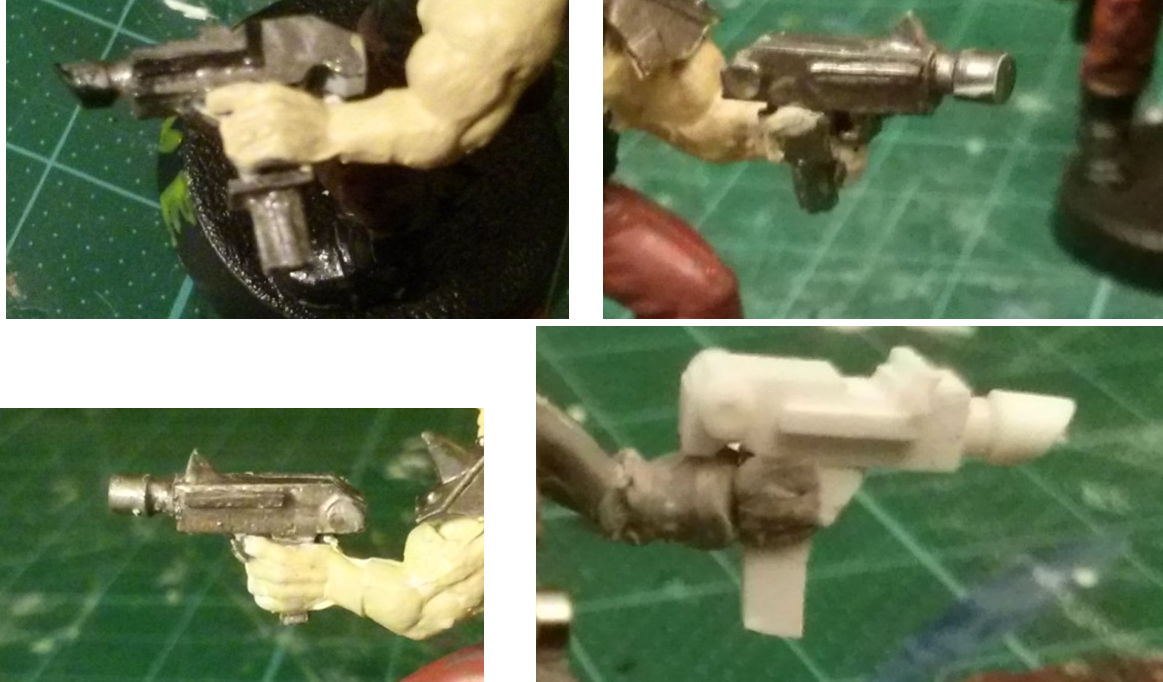
Making Autopistols can be easy and fun - a modeling tutorial by TakUnderhand

(<https://yaktribe.org/community/threads/takunderhands-down-hive-alchemy-lab.3328/page-18>)

Autopistols! Great aren't they? Main issue is that you need so many!

Good news is that they are not that difficult to make them from scratch.

Here's some examples of autopistols made with this method:

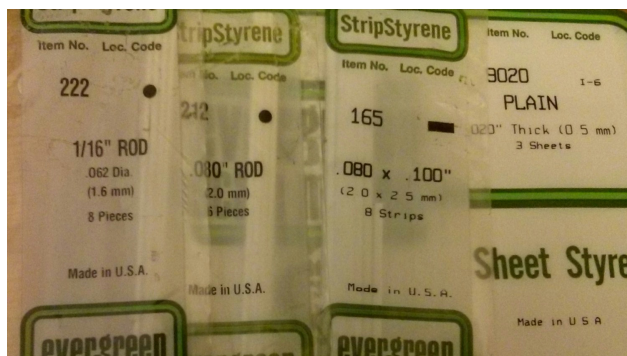


Step 1: Materials

I use the following materials, all from Evergreen. I used Evergreen because that's what my local modeling shop stocks. Any equivalent will be fine.

You don't need much of each part, but getting the right sized parts will make things much easier. We are going to make use of the intrinsic shape of these raw materials in the finished autopistol.

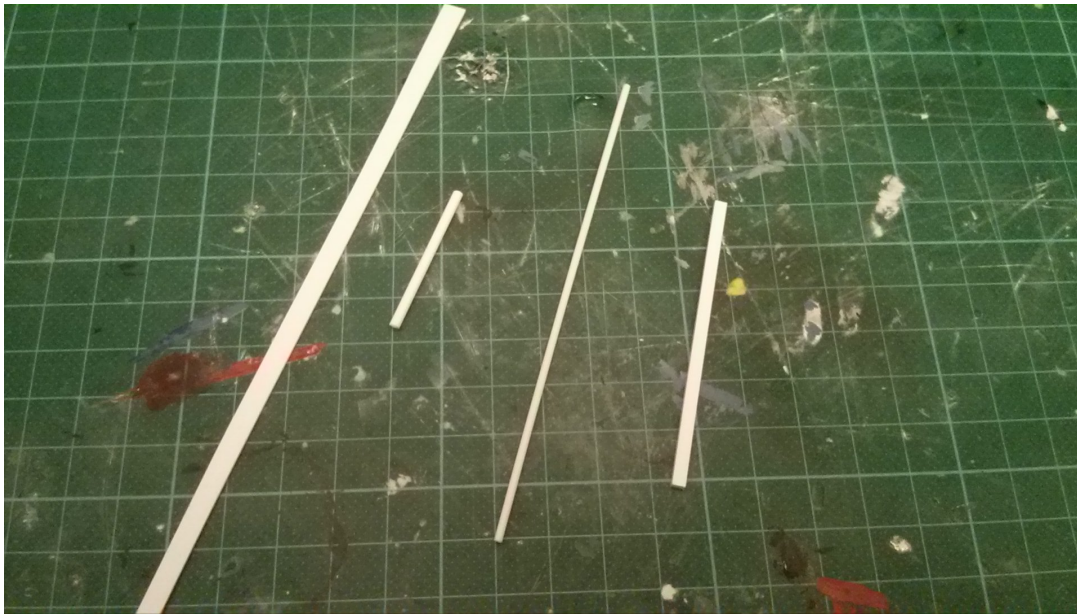
- a) 1.6mm diameter rod (1/16')
- b) 2mm diameter rod (0.080)
- a) 2mm x 2.5mm strip (0.080" x 0.100")
- b) 0.5mm thick sheet (If you have it, you can use 0.5mm x 4.8mm strip instead, for a cleaner edge)



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Step 2: The main components

Here's a pic of the raw materials. On the left is a strip of material cut from the 0.5mm thick sheet.



Step 3: The body

The body of the autopistol comes out of the 2 x 2.5mm strip. Cut the length to around 9mm. Use the guides on the cutting mat to get the edge square. Don't be afraid to have a lot of tries, check each piece, use the best ones.

Each stage of the body adds an extra detail. In the picture under these stages, you can see that I made four separate bodies, each with one extra stage.

- a) The original cut part (top)
- b) Cut in the back top
- c) File a notch in the bottom (see section "filing notches")
- d) File a notch in the top



Filing Notches

There is a little trick to filing notches. Use a pair of pliers to hold the body, like so:



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Step 4: Adding the barrel

To make the barrel, we're going to cut really tiny discs of material from the thinner of the two rods. Roll the knife along the rod to get a good clean cut. Then cut the larger of the two rods off at an angle, to make the front part of the barrel (shown below)

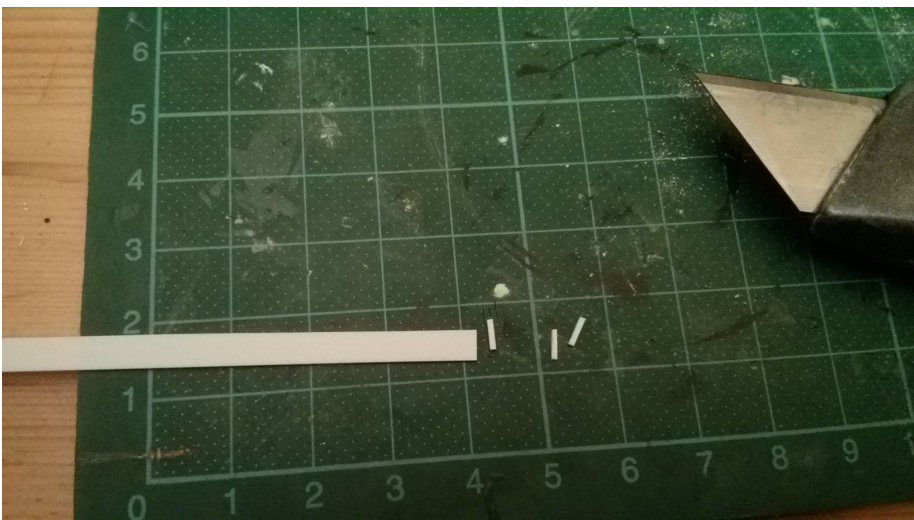


Tricky part: gluing these tiny pieces together. To get something like this:



Step 5: Adding the side detail

Here we'll cut tiny slivers off the sheet, to make the fine detail:



They simply glue on (much swearing will be required):

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Add discs to the side, and you're done:

