

## Building the Body

The body of the microphone should be 115mm long. This length isn't critical, but if you are building a pair of mics, obviously, make them the same length.



The best way to cut the piping is with a pipe cutter. If you use a hacksaw, use hose clamps to help with an even cut.

If using a pipe cutter, mark the pipe and spin around the pipe gently on your initial cut; going too aggressive on the first couple twists can cause the cutter to drift. Not good.



Use a metal file to smooth the inside of the pipe after you cut it. Pipe cutters compress the lip a little. The file will take care of this.



Starting with 80 grit sandpaper, wrap the paper around the tube and twist the body round and round. This will create a nice finish. Continue with the 160 grit and the Steel Wool. If you want to bring it back to a polished shine, use very smooth paper. Personally, I like the metal slightly dulled.