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Rod Straightening Pliers

This tool was designed and manufactured at MusicMedic in Wilmington, North Carolina. When you give them a squeeze, you'll see why they do a better job straightening rods than your old hammer handle.

Three contact points on the pliers apply pressure to bend the rod in a uniform and consistent way. Simply chuck your rod in a bench motor, lathe, or vice, and gently squeeze the aluminum handles.

The brass inserts in the pliers will wear over time. Simply pop them out and flip them around for more use, machine new ones from brass stock, or purchase new inserts from MusicMedic.

1. Chuck the rod in a lathe or bench motor. Spin the lathe around 300 RPM or just be careful with the bench motor as it rotates faster. Loosely hold the free end of the rod so it doesn't whip around.
 2. Polish the rod with polishing paper, which reduces friction and heat on the rod and wear on the pliers.
 3. Fit the rod into the grooves of the pliers.
 4. Beginning at the free end of the rod, apply light pressure, making sure the end of the rod bends away from you, and slowly work your way toward the chucked end.
 5. Be sure not to apply extra pressure or contort the pliers to bend the rod: let them do the work for you. You're only working within the confines of the width of the pliers. Use the least amount of pressure on the pliers as will get the job done because pressure creates heat, which hinders your work.
 7. If you've run the pliers over the length of the rod and it's still wiggling in the lathe as it rotates, simply repeat steps 3-5.
 6. If the rod is still not straight after that, there may be a bend in the end that is chucked, so flip the rod and repeat steps 3-5.
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