

How to make blowpipe syringes

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Materials

- 5 ml syringes with suitable diameter (check with blowpipe)
- 3mm rubber mat (used for gaskets)
- Grip plyer with custom made mouth piece (to cut syringes perpendicular)
- Sharp knife
- Soldering iron with heating pad
- U-shaped aluminium strips for aligning 2 syringe parts



Rubber, 3 mm (material used for gasket)

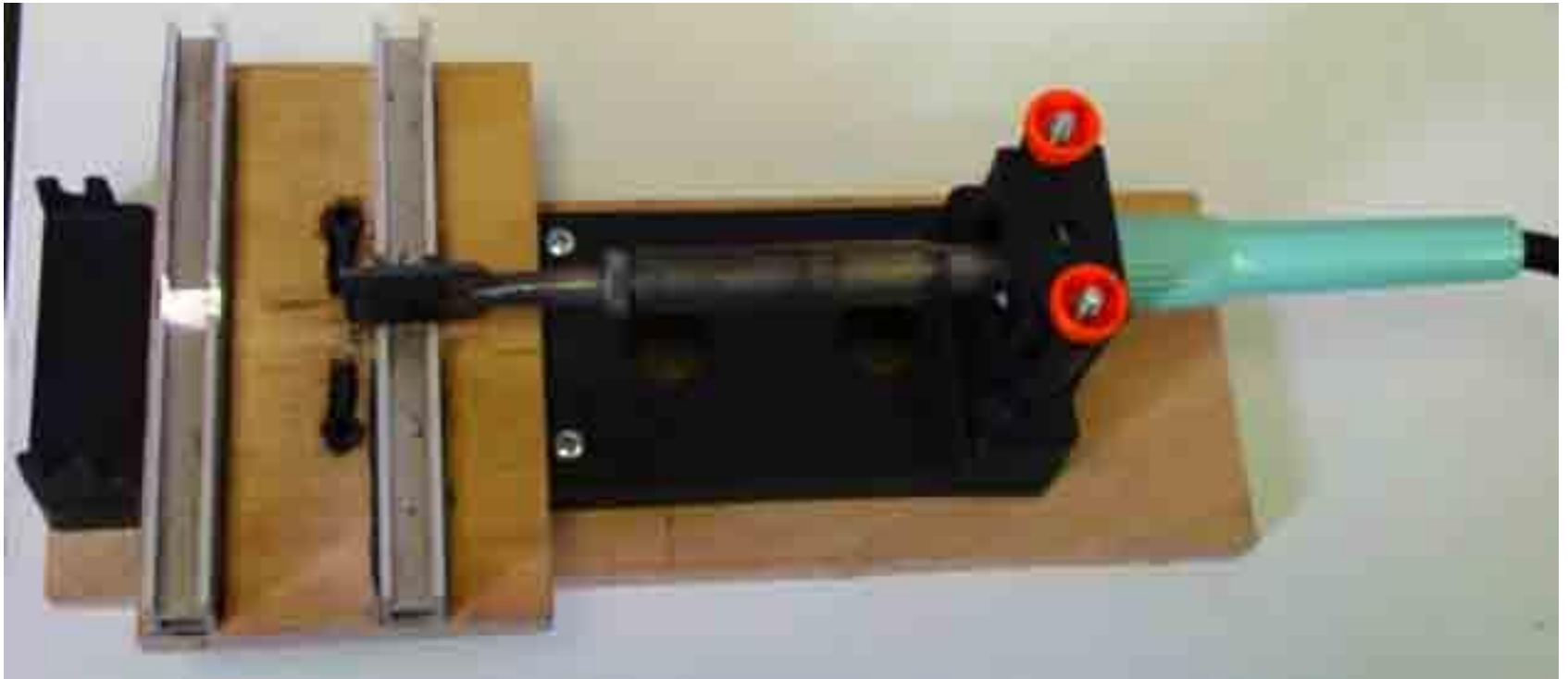


Grip plyer with custom made mouth piece to cut syringe perpendicular

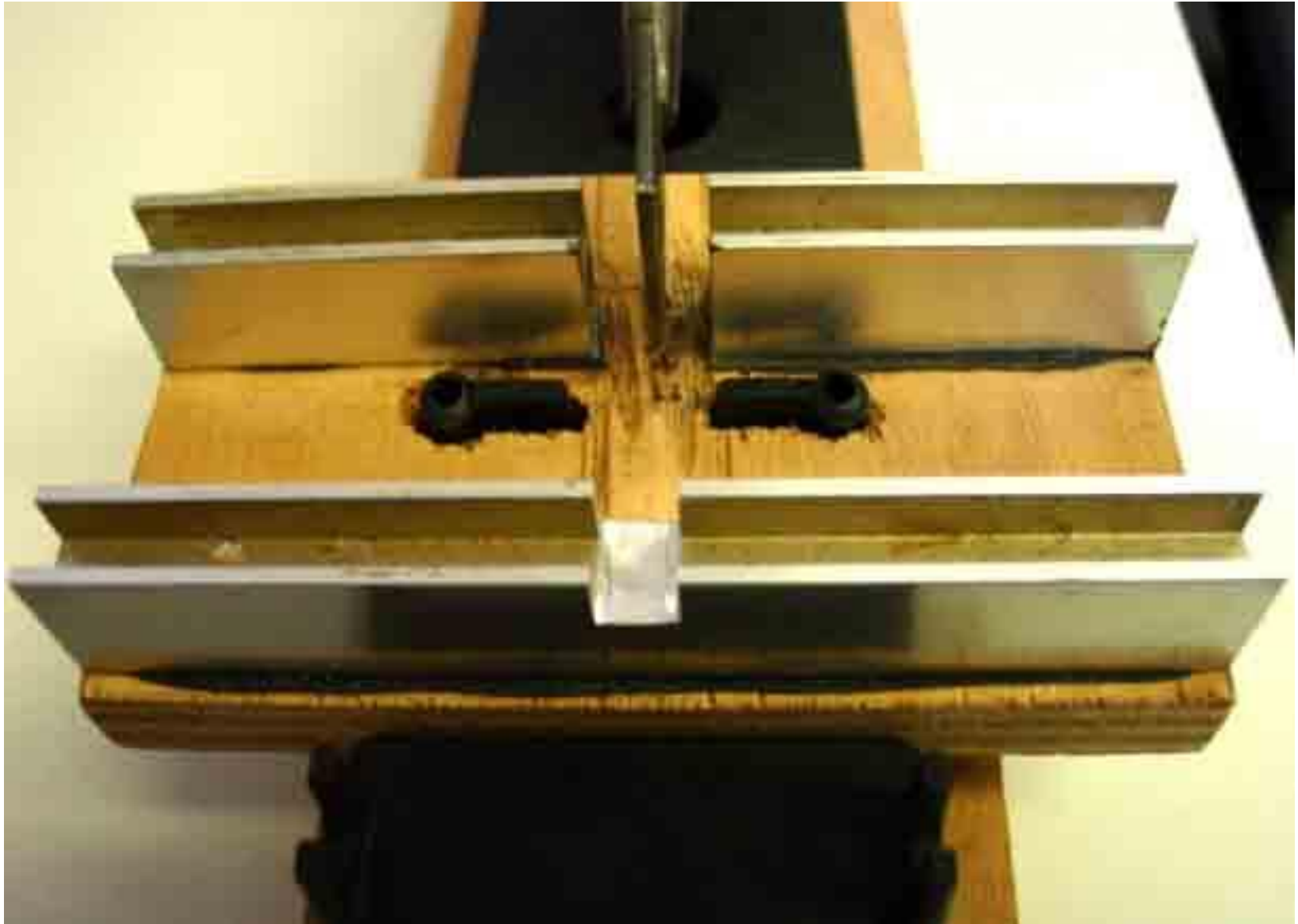


Cut off the backside of the syringe (perpendicular)

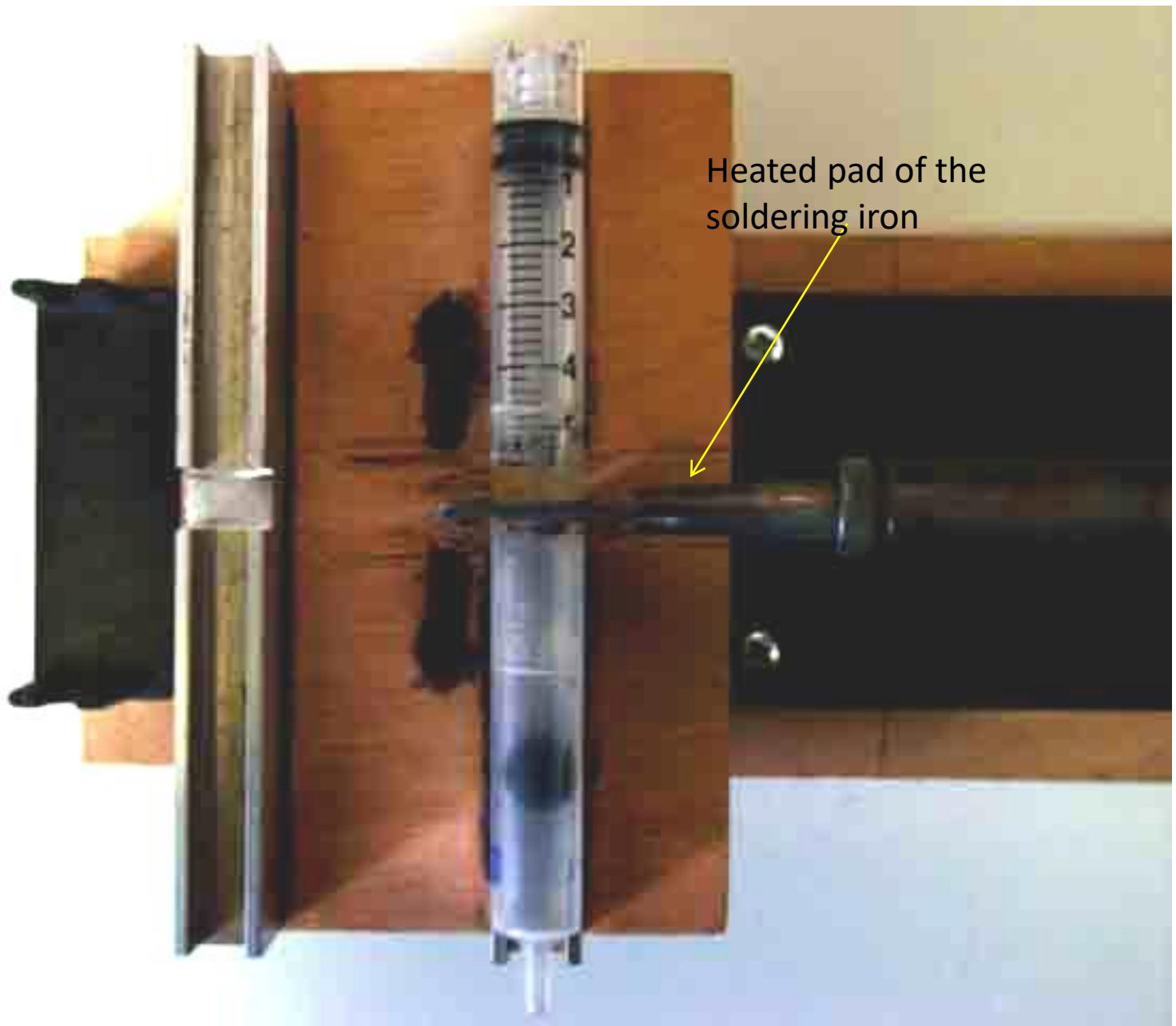




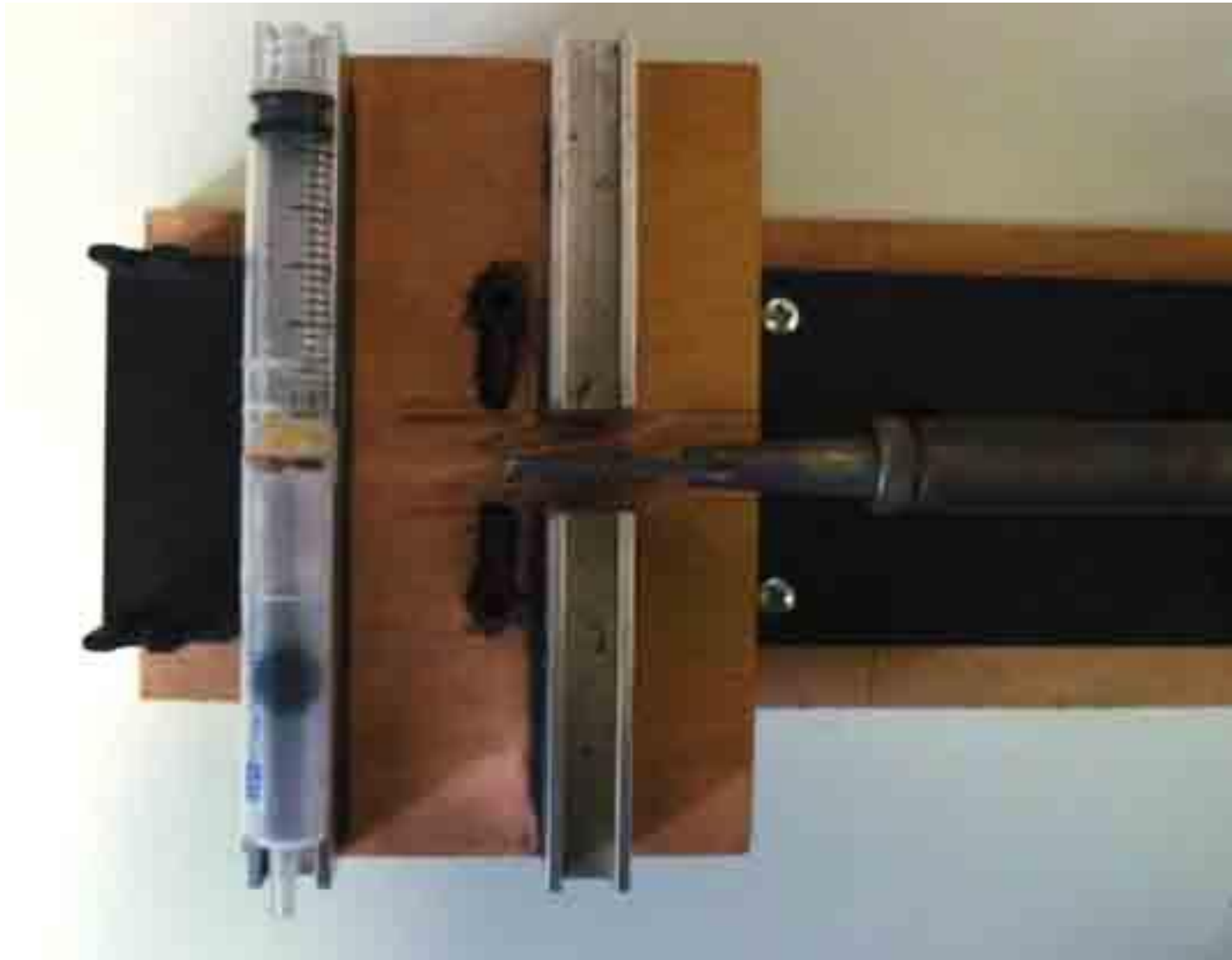
Soldering iron with heating pad



Custom made guiding tool for heating and welding blowpipe ends together



Put the rubber disk in the back-side syringe. Position of syringe ends during heating (keep syringe ends a few millimeters away from heated pad until plastic becomes white)



Position of syringe ends during cooling, softly pressed together. Remove excess plastic with knife and sandpaper.