
lama

Lama3D set includes:

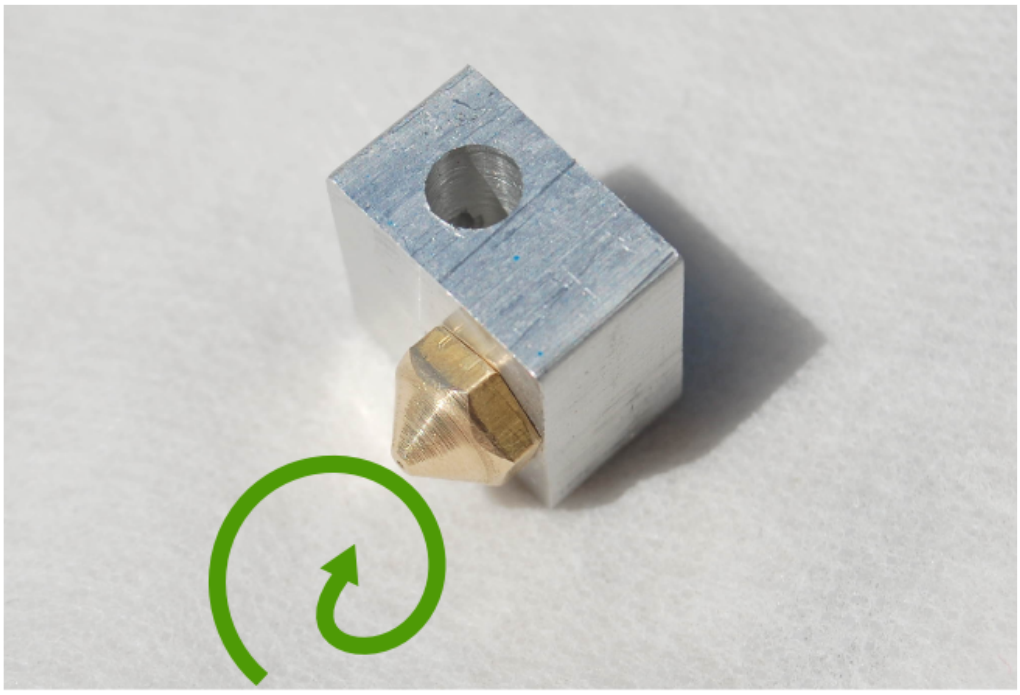
- 0.4/0.5 mm nozzle
- stainless steel heat breaker
- aluminium heating block
- aluminium radiator fi25
- Plastic fan holder
- 40mm fan
- silicon-glass insulator for thermistor

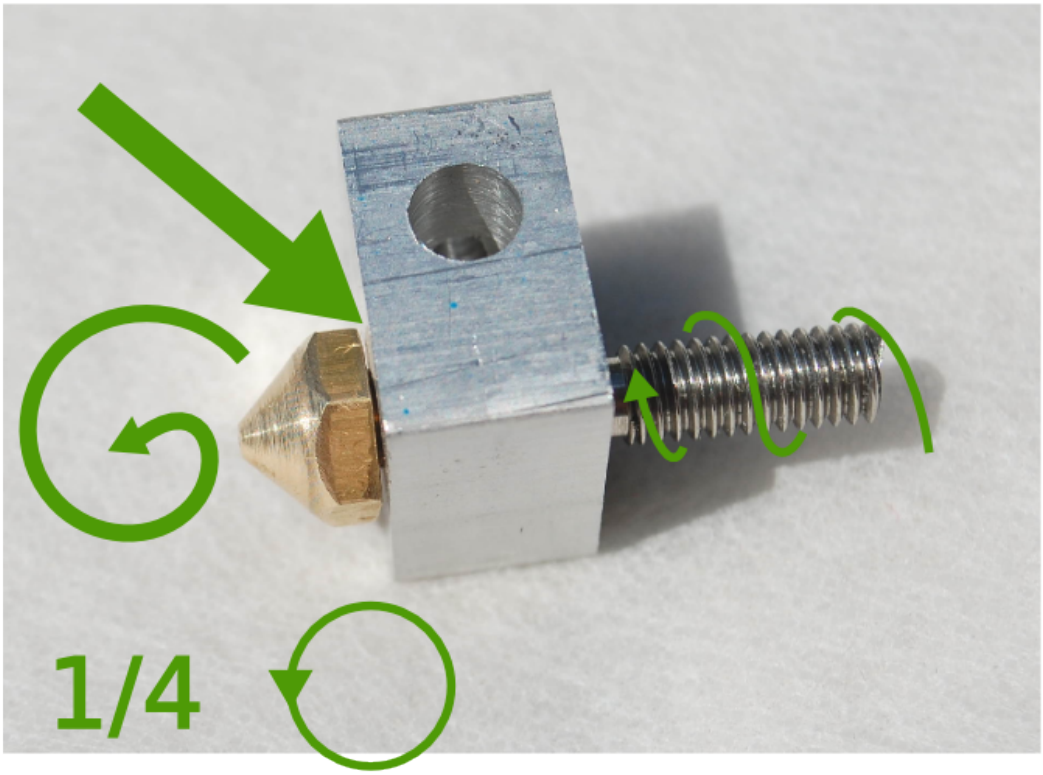
Screw the nozzle in until resistance is is encountered.

Screw the stainless steel connector in from the opposite side.

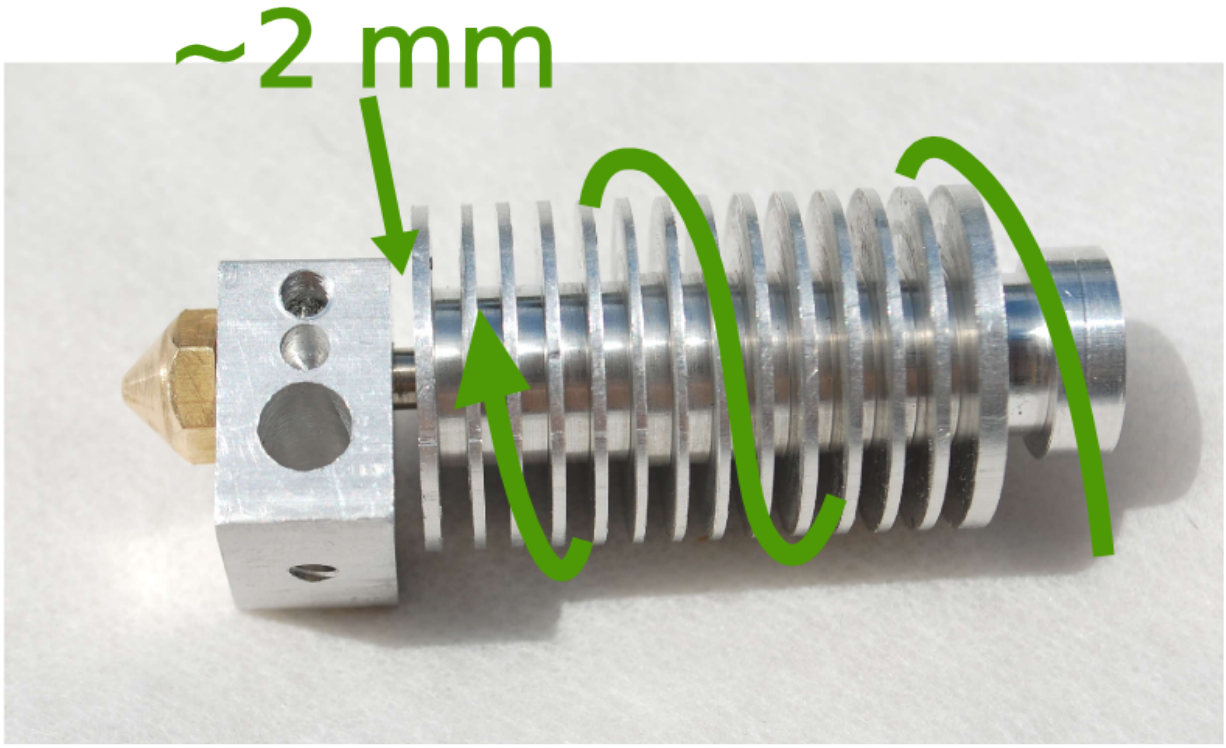
When resistance is encountered unscrew the nozzle by ¼ of a circle and drive in the connector. This should allow for driving in the nozzle later.

Minimal distance between the block and the nozzle is marked with the green arrow.




1/4

Nut the radiator onto the connector so that the space between it and the aluminium block is about 2mm.

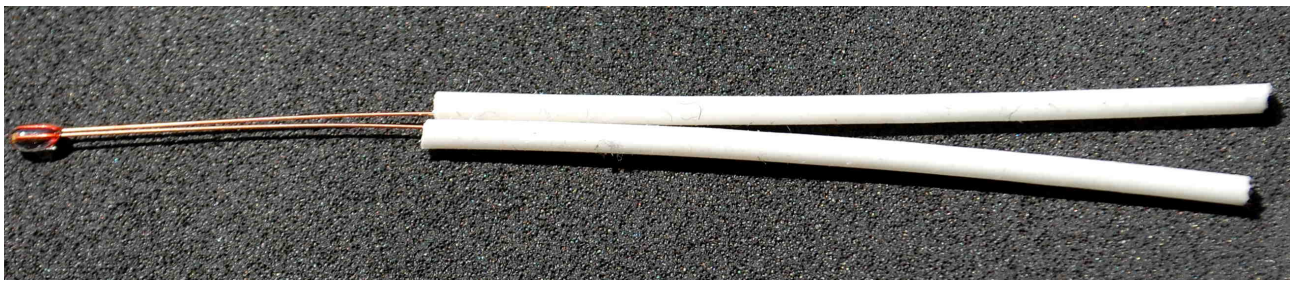

~2 mm

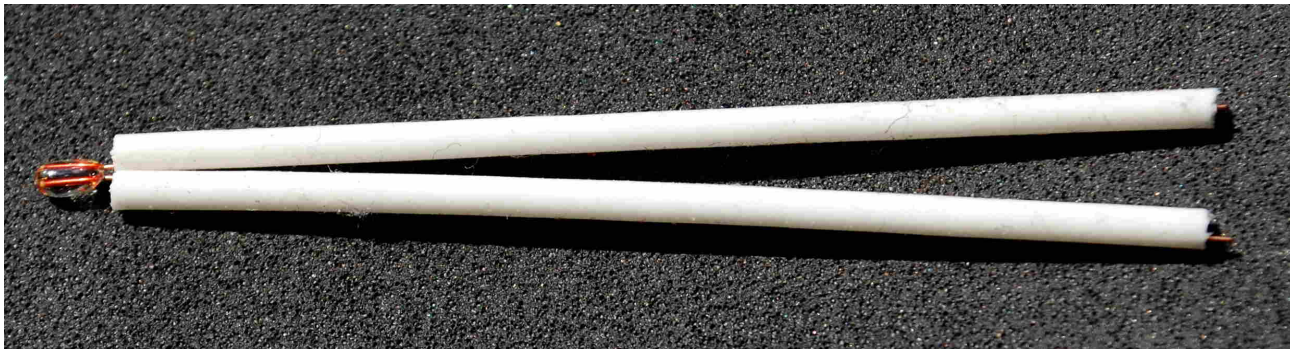
Thermistor and heater installation

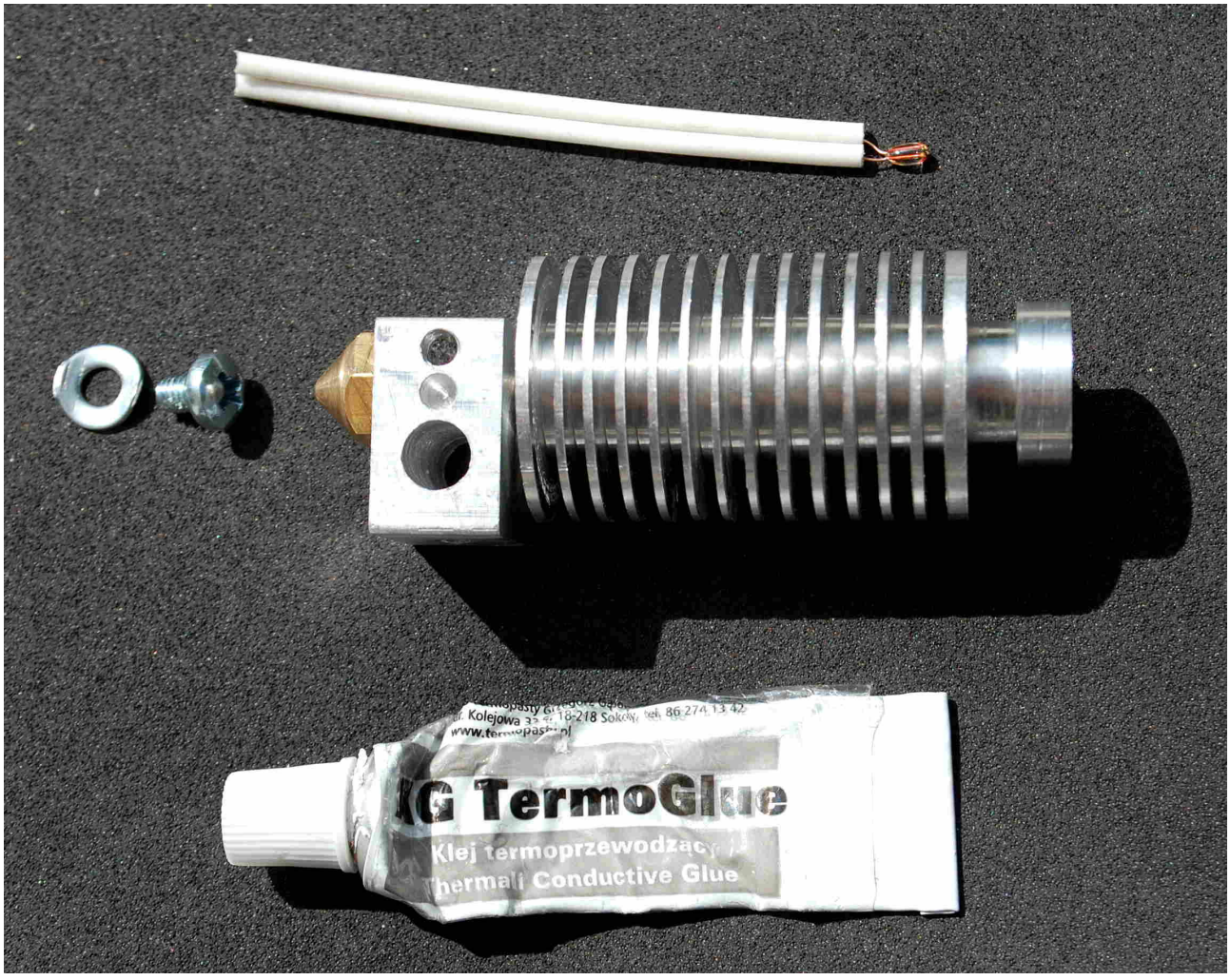
Put on the insulating tubes like shown in the pictures.

Prepare:

- completed set from previous steps
- thermistor in it's silicon-glass insulation
- thermal conductive glue
- M4L10 screw with washer

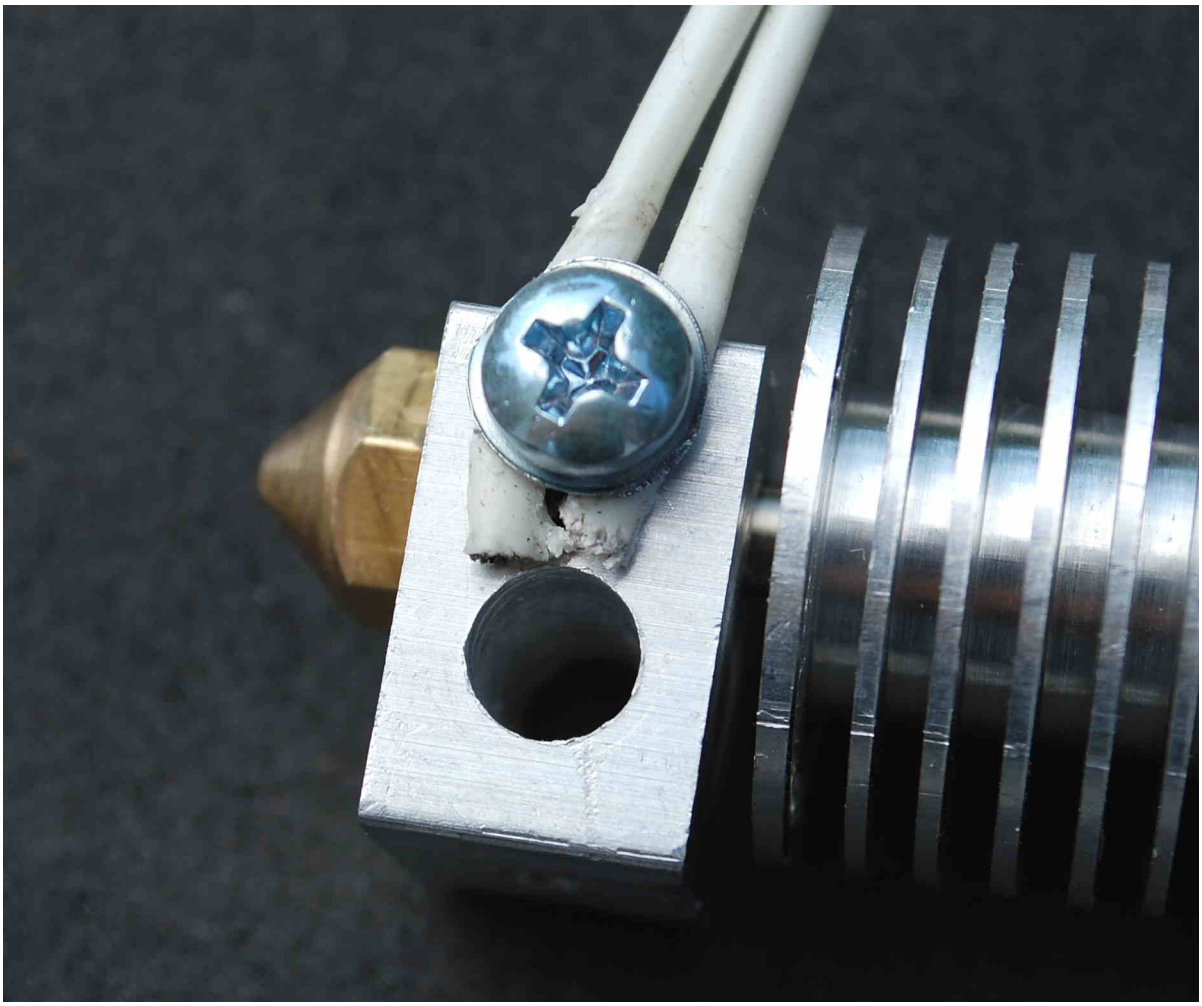





KG TermoGlue
Klej termoprzewodzący
Thermal Conductive Glue

Fill the middle hole on the block with thermal conducting glue and put in the thermistor.

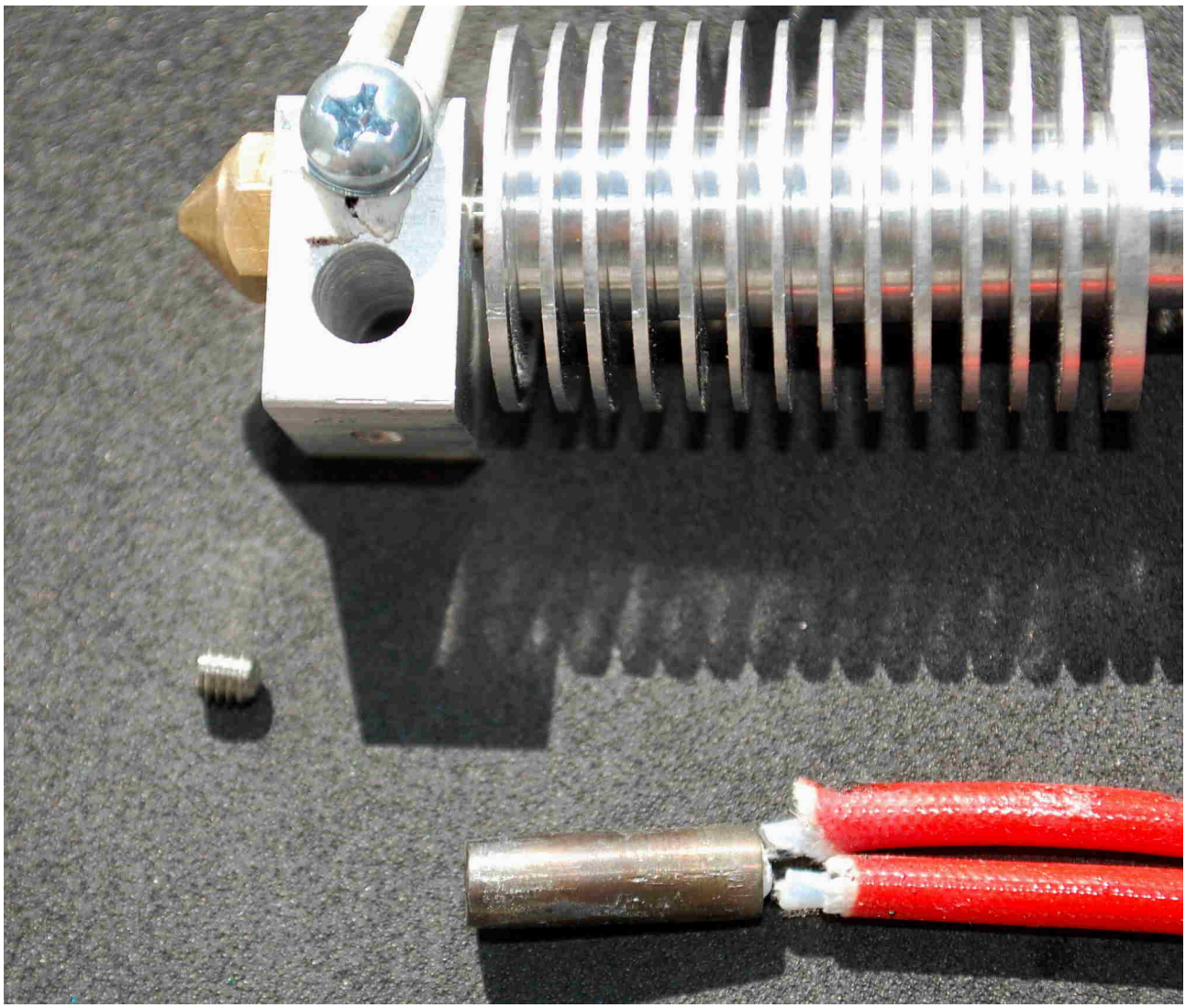
Using the M4L10 screw and the washer immobilize the thermistor like shown in the picture.

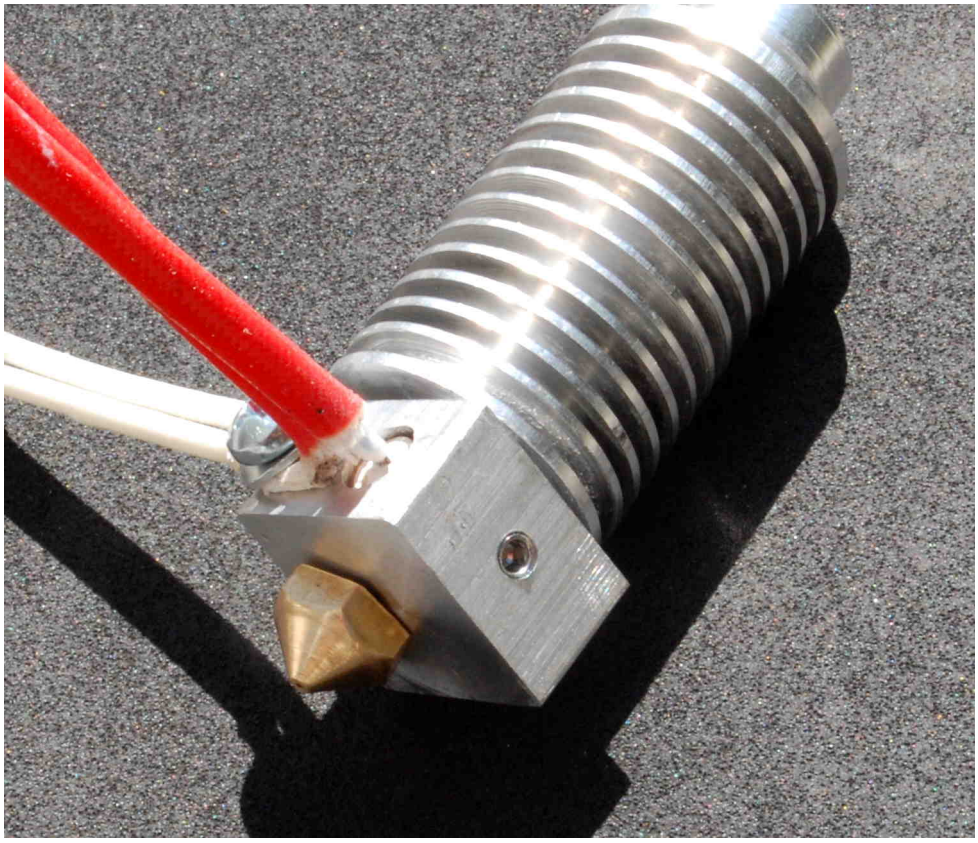


Prepare:

- elements built in previous steps
- heater
- tiny M4L4 screw

Put the heater through the biggest hole in the block and fix it with the M4L4 screw.





When the hotend has been prepared install it in the printer and heat up to 250 degrees Celsius.
Prepare two wrenches - 20mm and 10mm. When the heating block reaches 250 degrees grab the heating block with the 20mm wrench and use the 10mm one to screw in the nozzle until you encounter resistance. Next, using only the 10 mm wrench fix the nozzle-block-connector section to the radiator.
Those operations are supposed to prevent leaks and eliminate clearance between connector and the radiator.