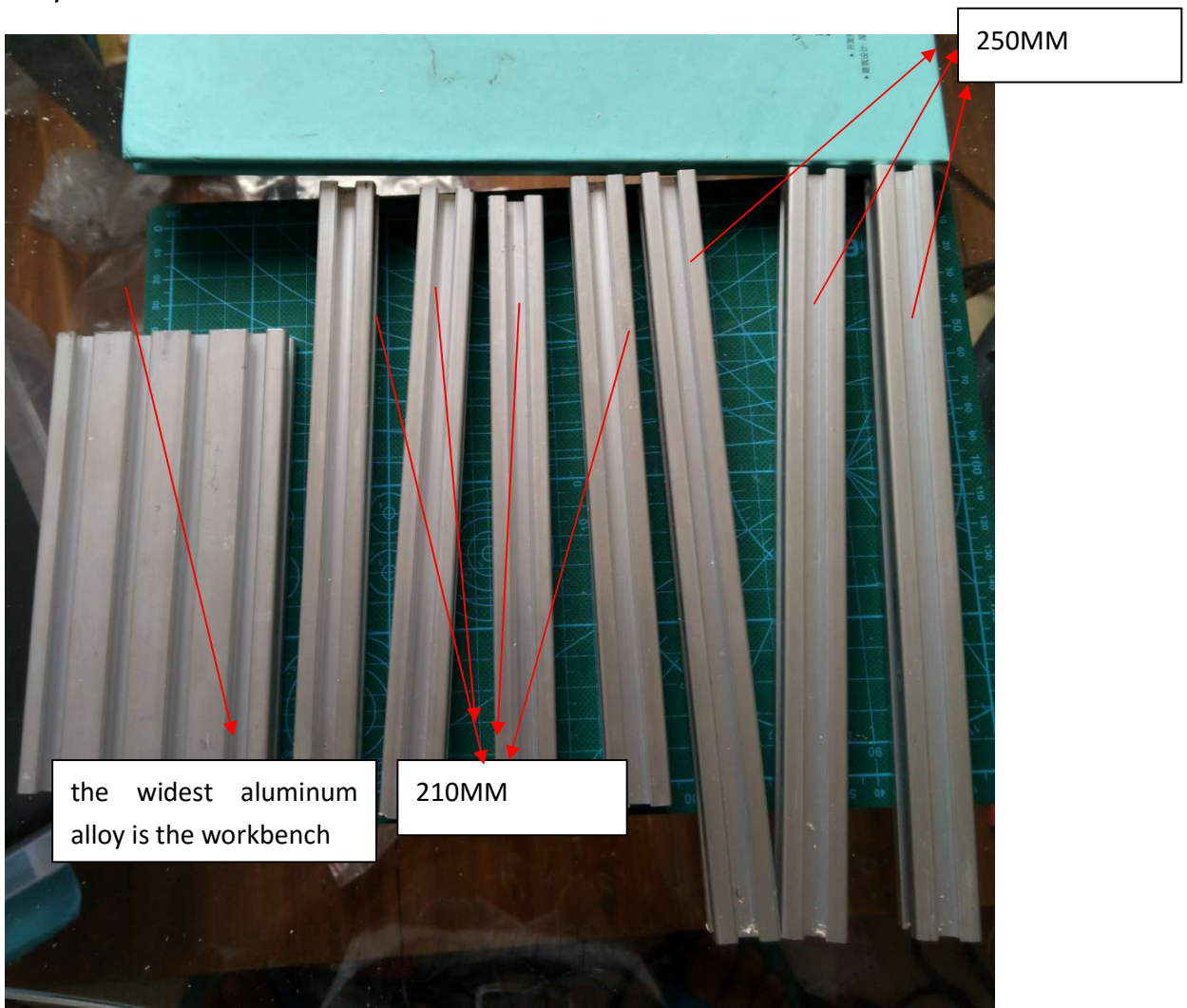
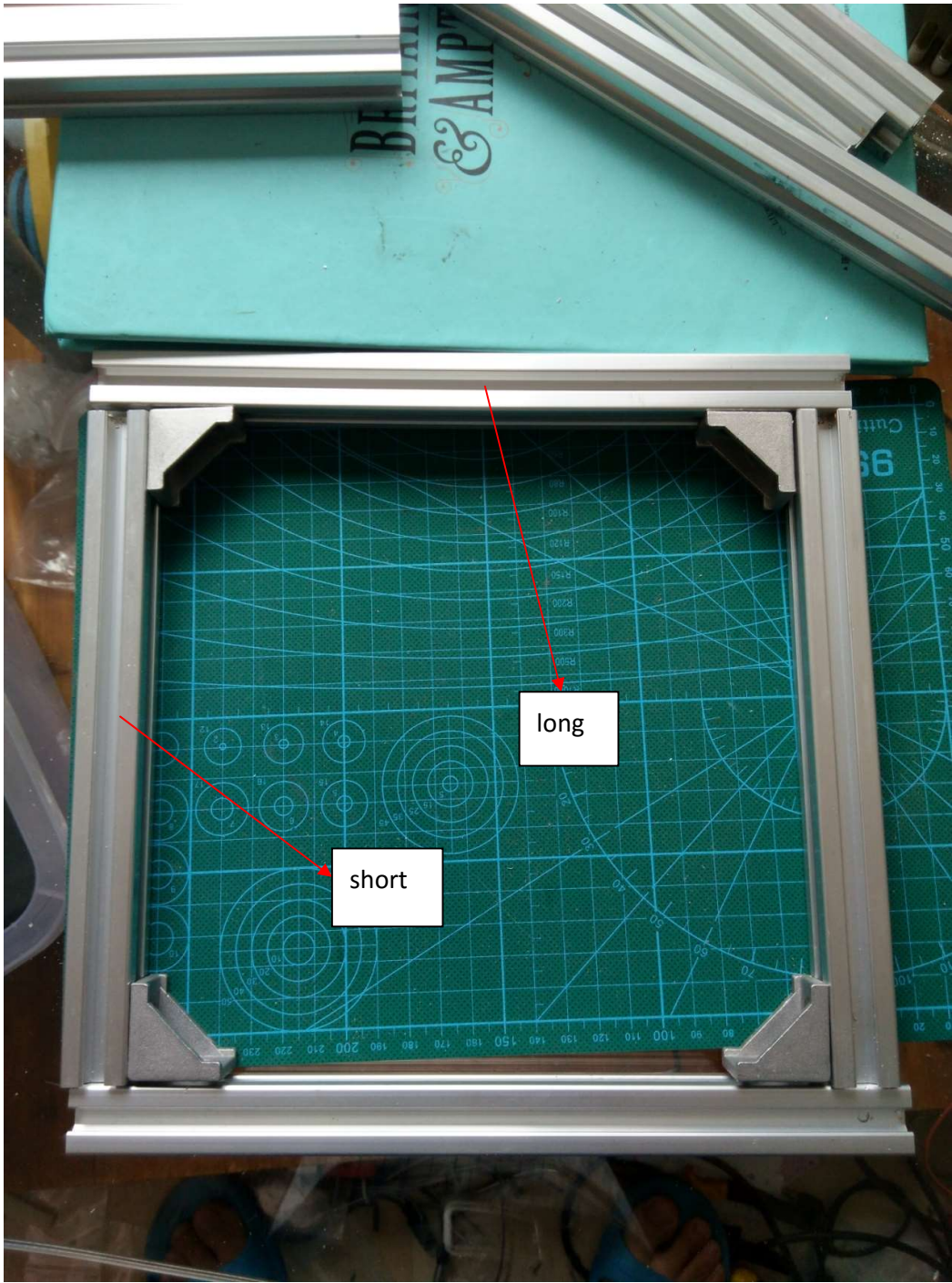


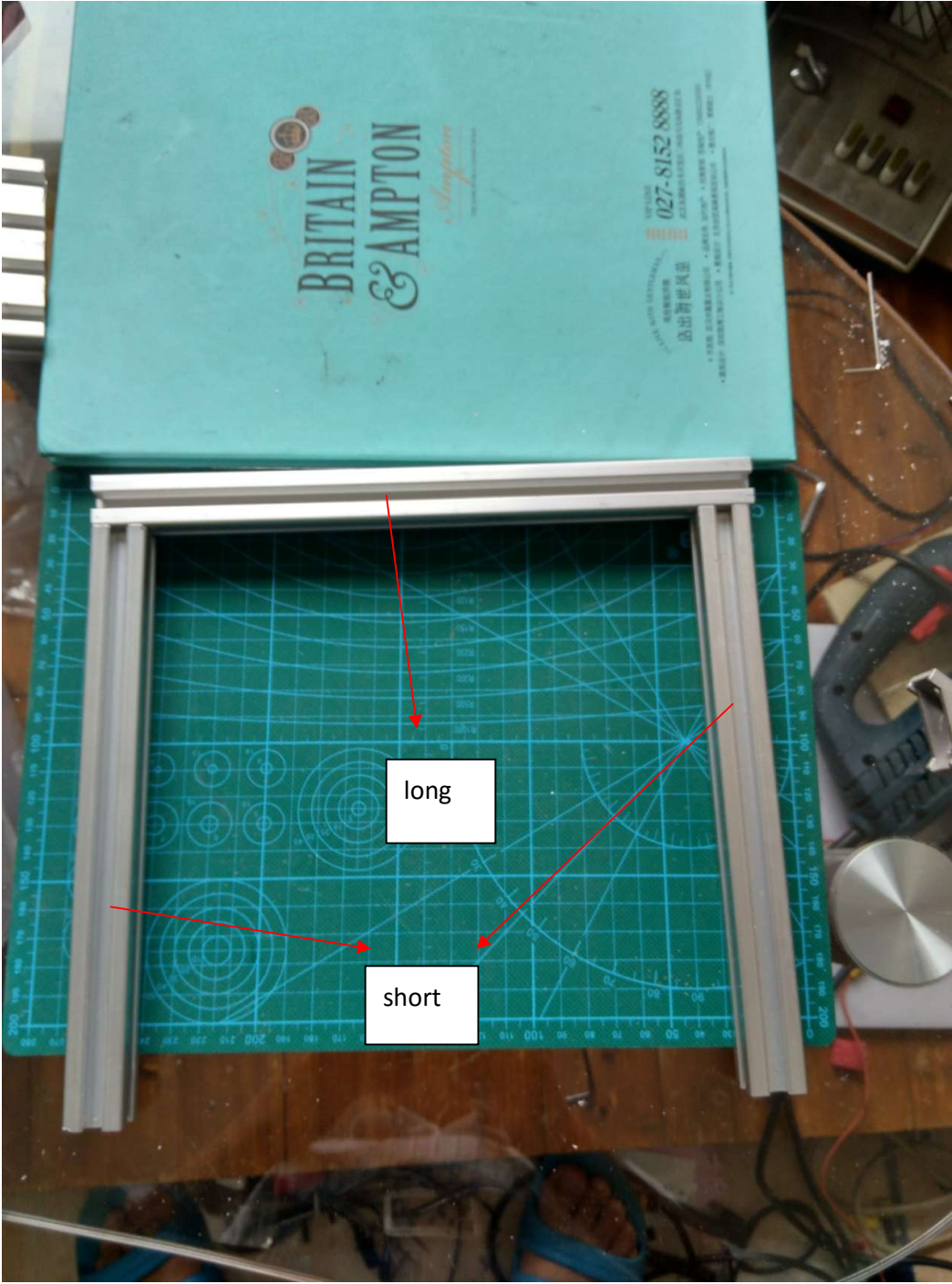
Assembly Drawing of the Engraving Machine

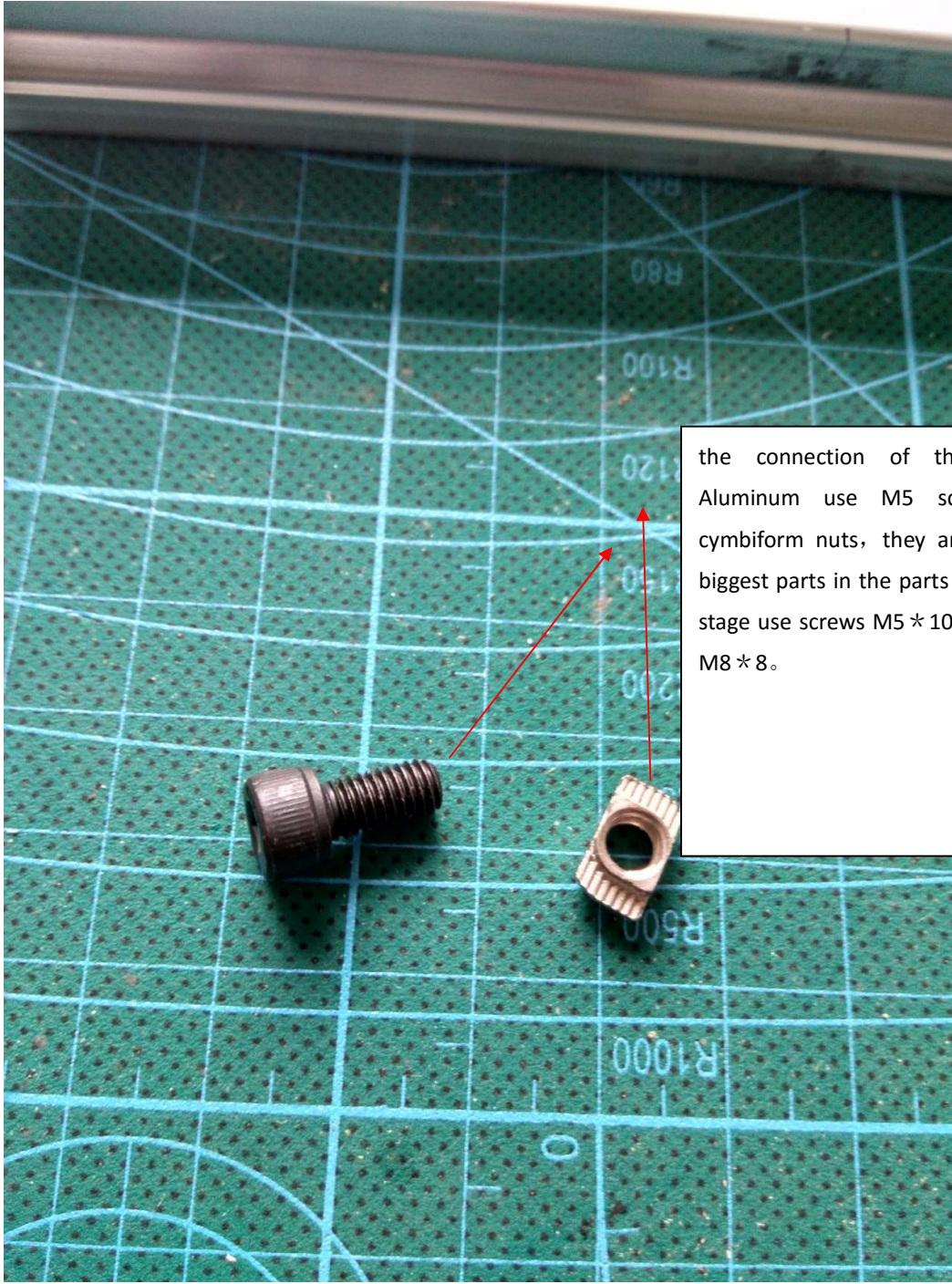
First, let's have a look on the assemble gather of the Aluminum alloy frame, there are 8 aluminium alloy, three of them are long, four are short and one wide.

Please pay attention, cutters are usually put in the the widest aluminum alloy.

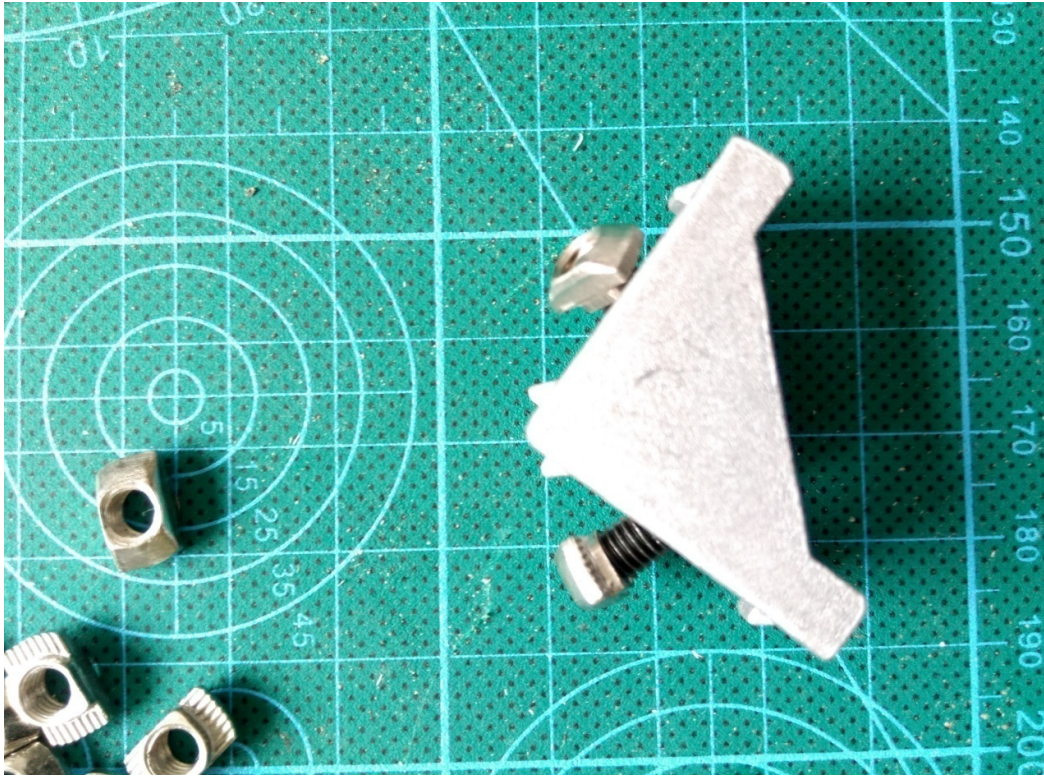




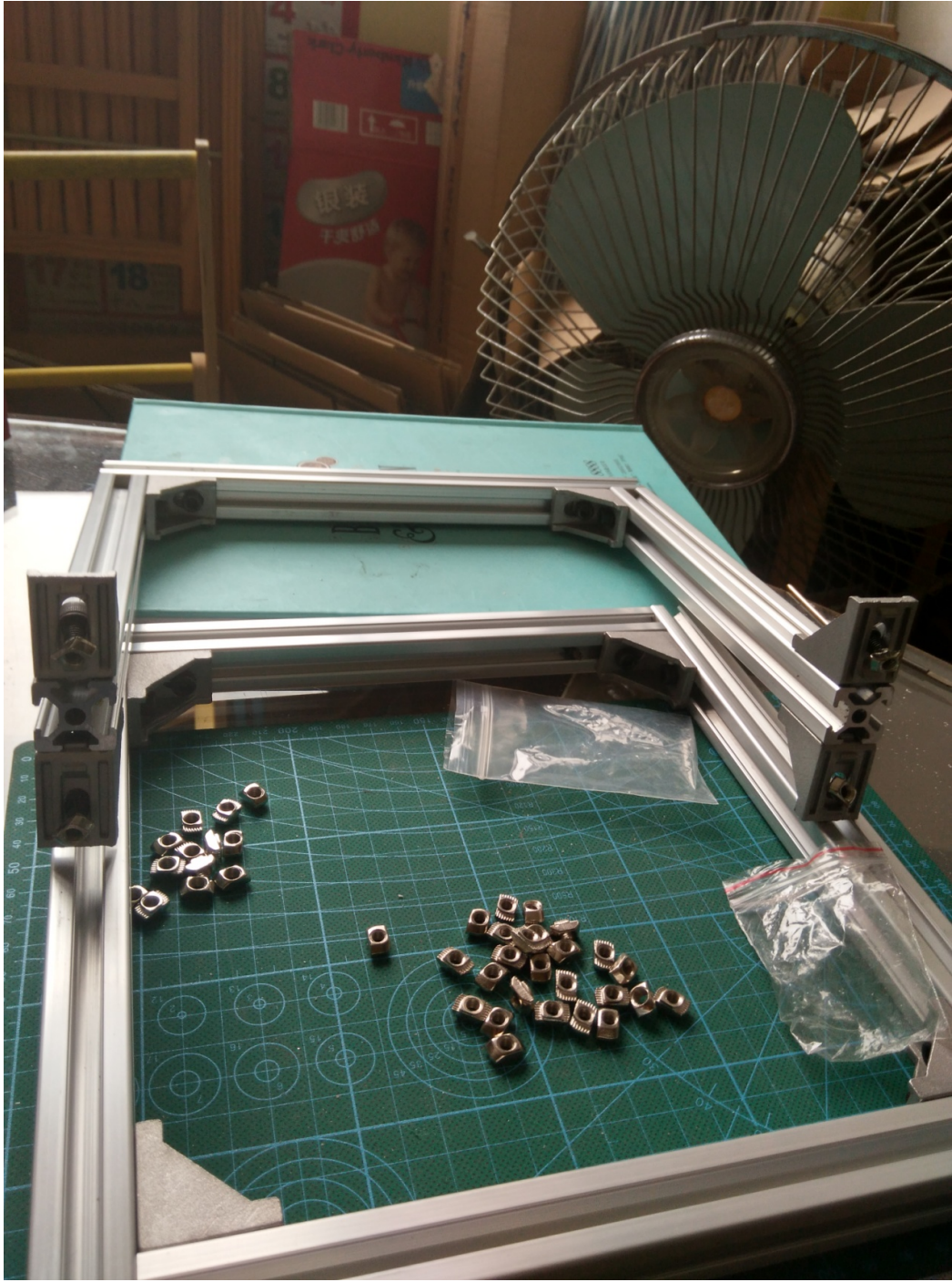


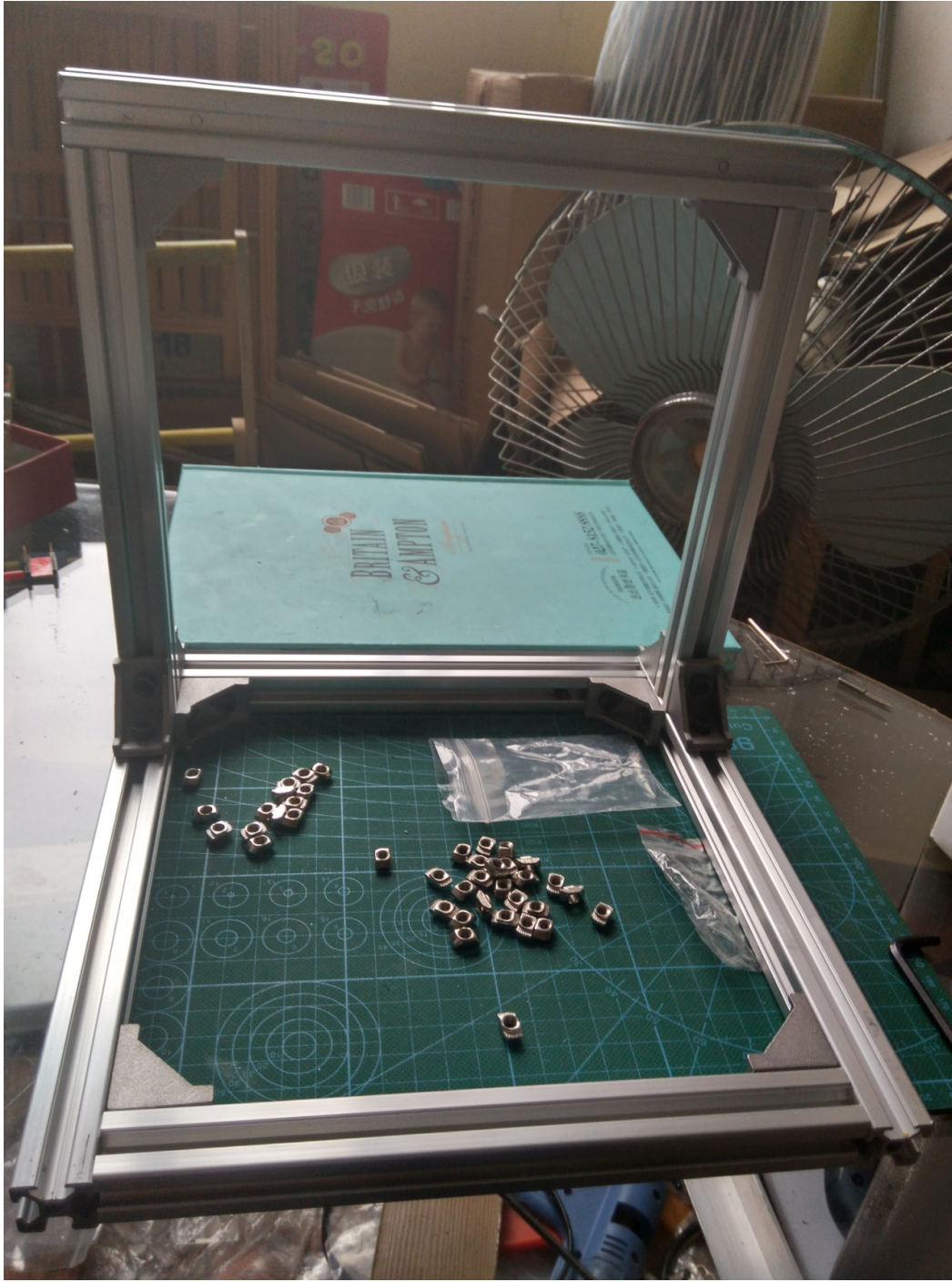


the connection of the Section Aluminum use M5 screws and cymbiform nuts, they are also the biggest parts in the parts bag. early stage use screws M5 * 10, later use M8 * 8.

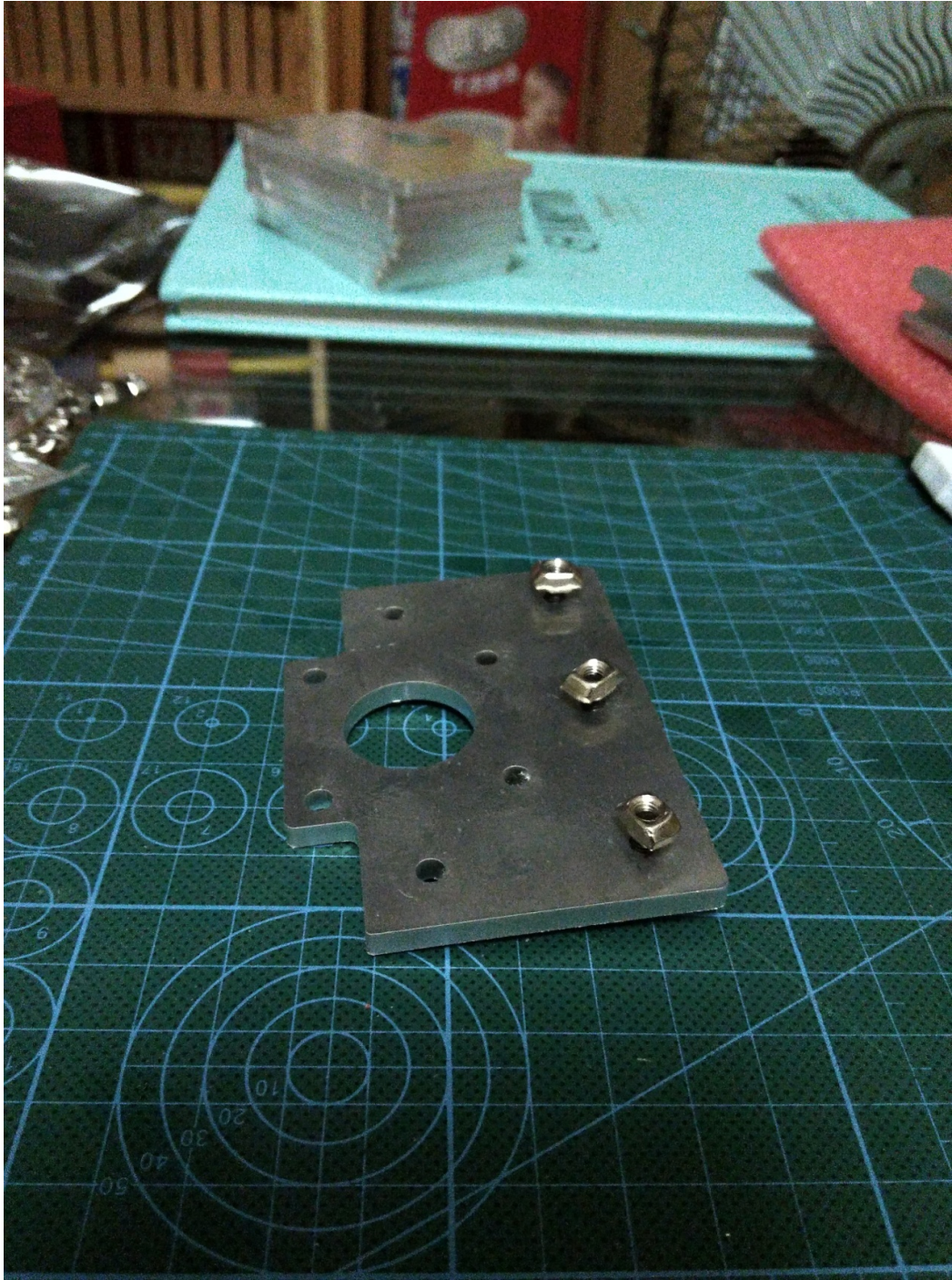


please penetrate screws and nuts like the picture before your installation, but pay attention that make sure the screws and nuts can rotate, otherwise they cannot fix in the tank of aluminium alloy.



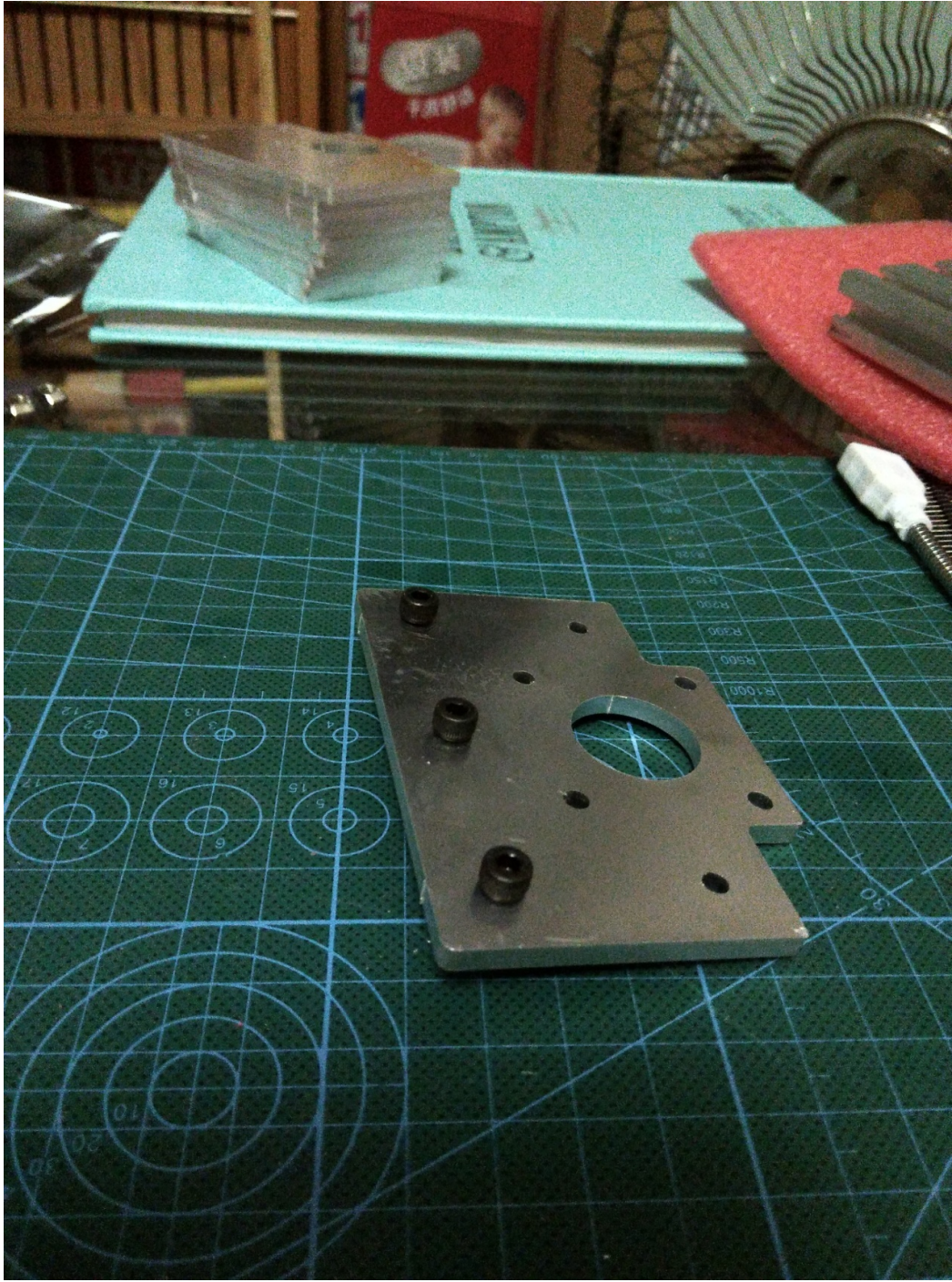


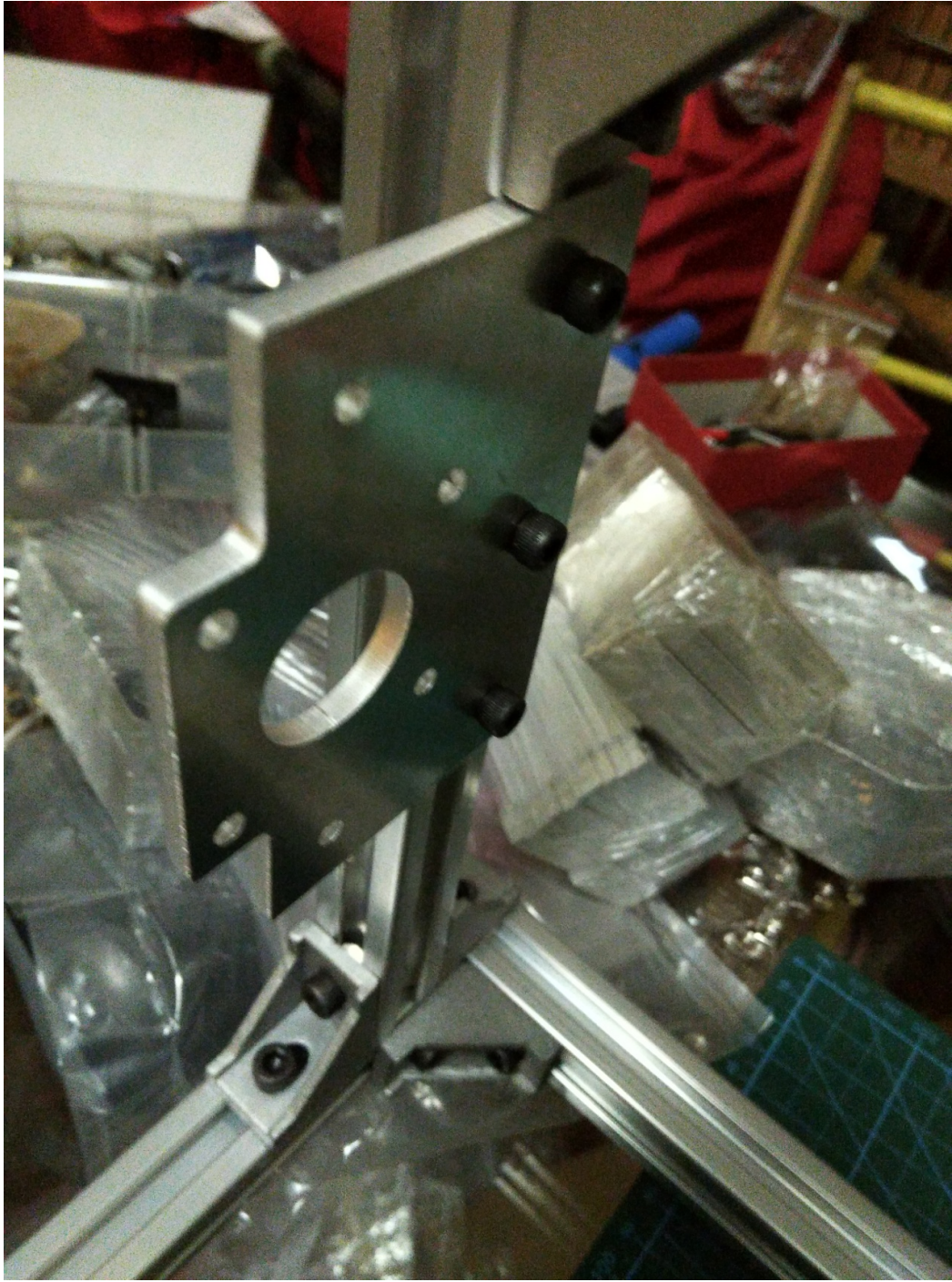
- Next, let's see the installation of the Backpanel. Here is a example of aluminium plate installation.



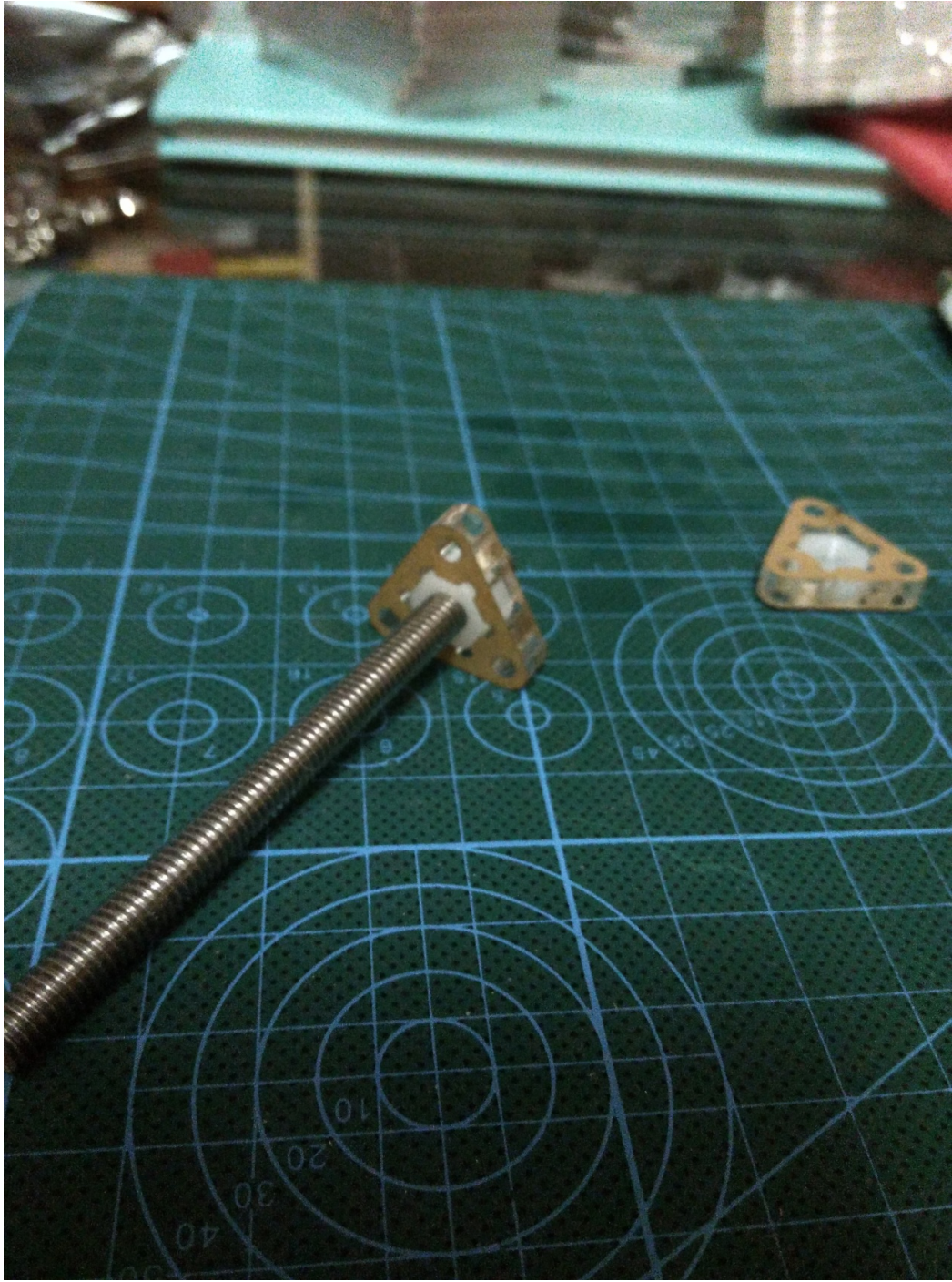


screws are M4 * 10, the second widest, corresponding cymbiform nuts are in the same parts bag.

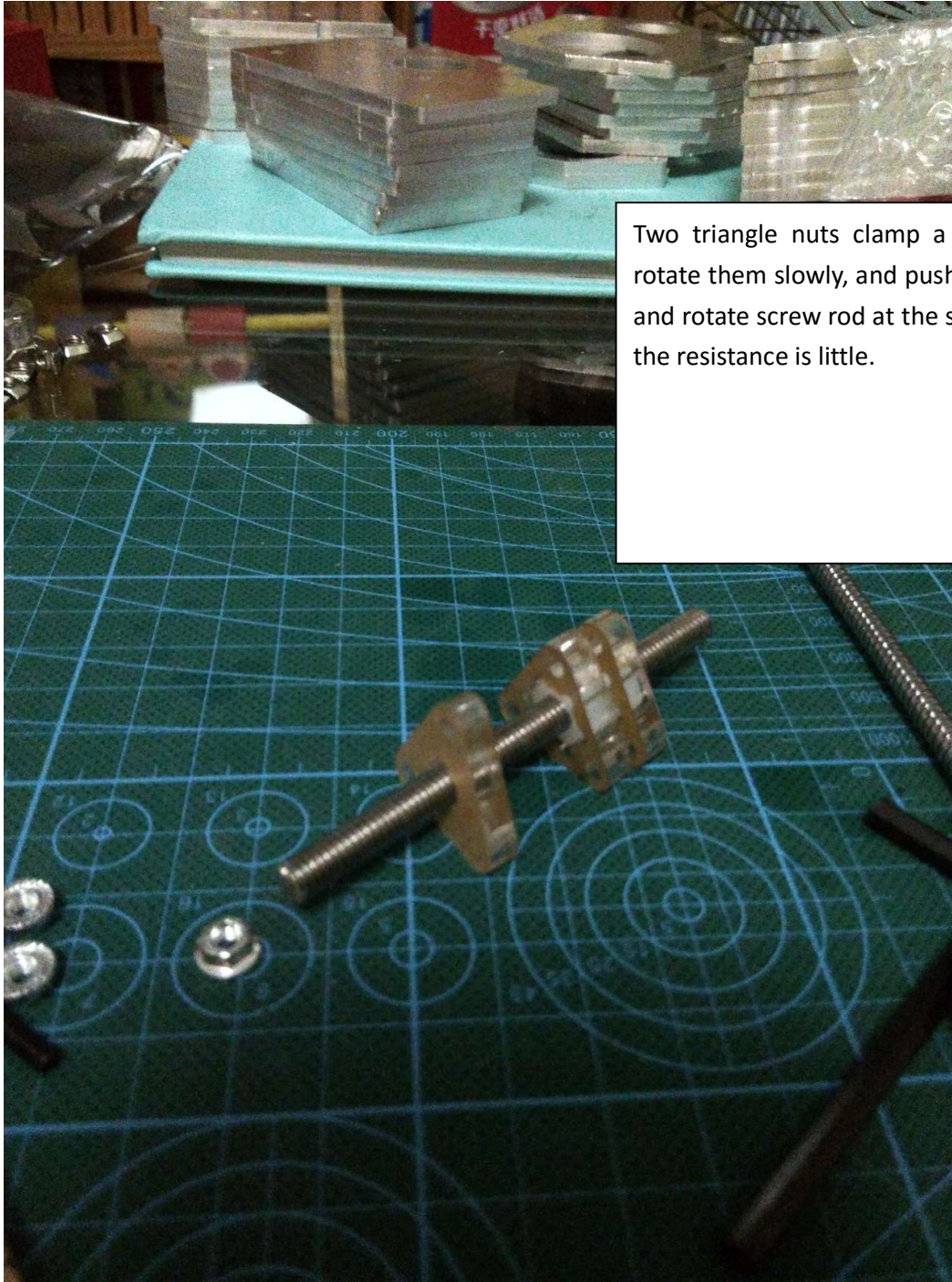




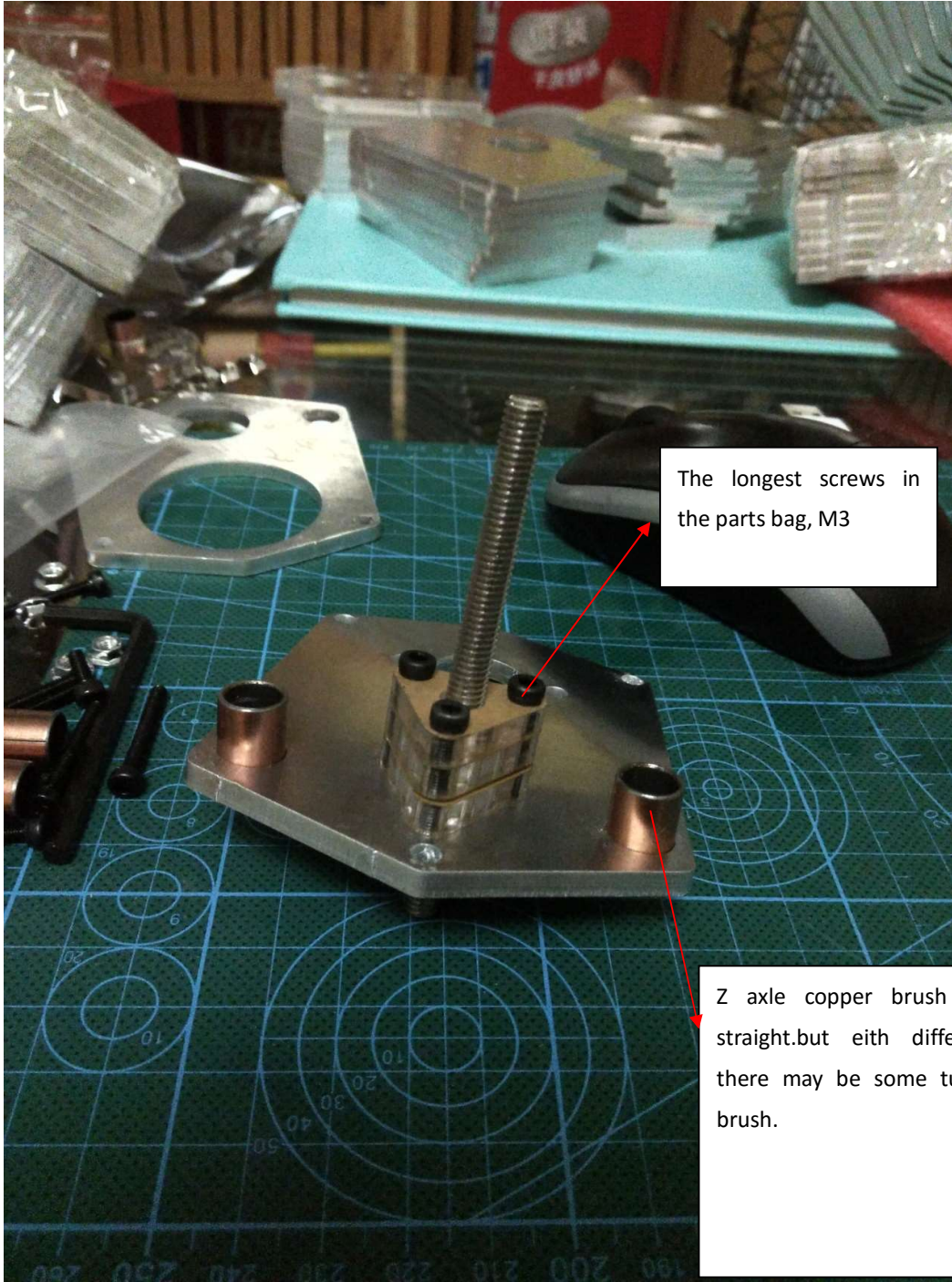






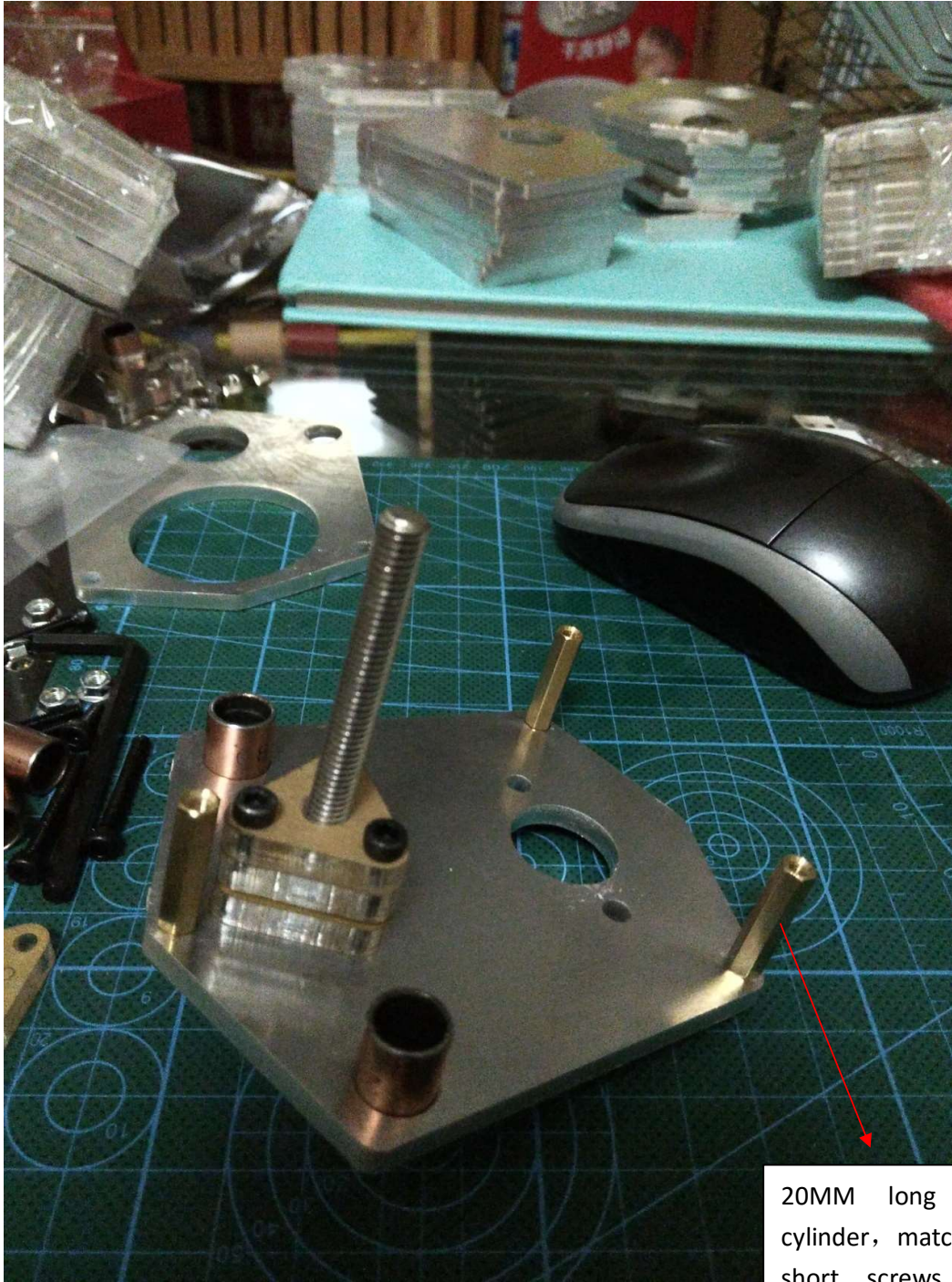


Two triangle nuts clamp a rubber gasket, rotate them slowly, and push the screw rod, and rotate screw rod at the same time, until the resistance is little.



The longest screws in the parts bag, M3

Z axle copper brush is generally straight. but eith different batchs, there may be some turnup copper brush.



20MM long copper cylinder, match M3 's short screws





8MM tubbiness guide pillar



take out the
ironclad









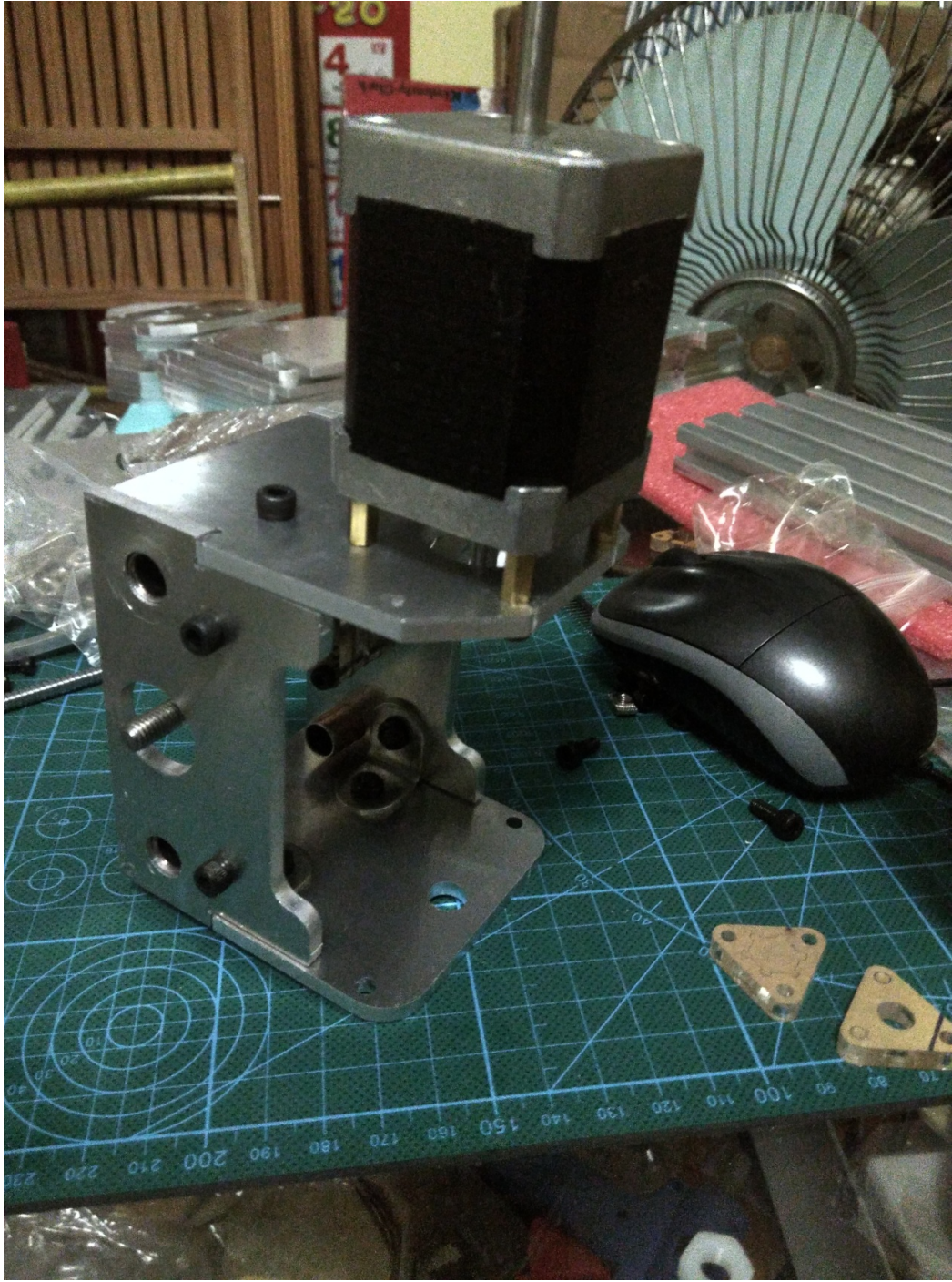
fix the 4 stainless steel corner connectors, use M4 screws and nut to fix them.



four Meter screws, put them into threaded hole of the motor. (the meter screws are in the bag with plastic nuts.)



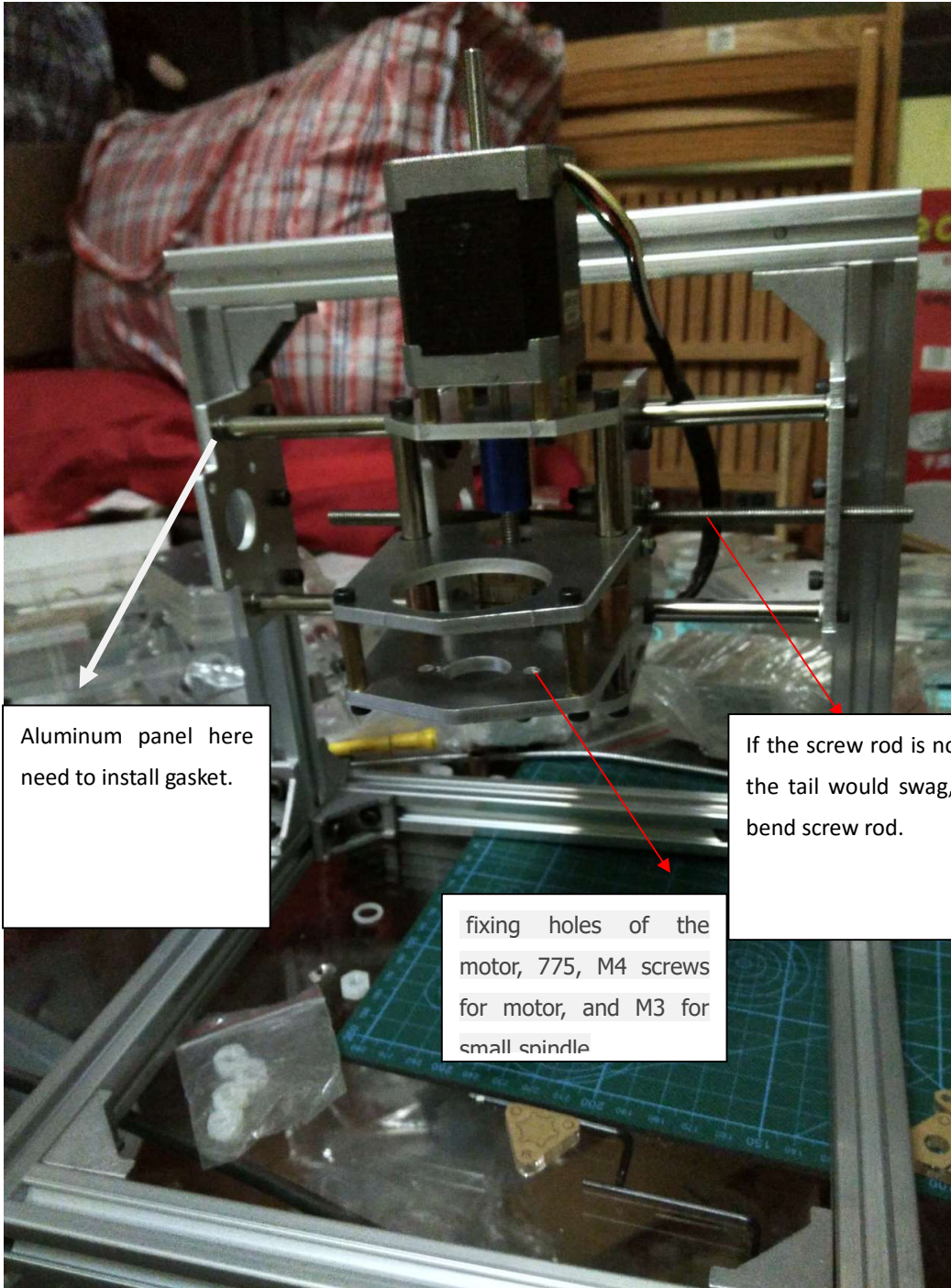
four 10MM-long copper cylinders , depend on your situation to choose the longer one. Attention: only Z axle use them.





M4 screws

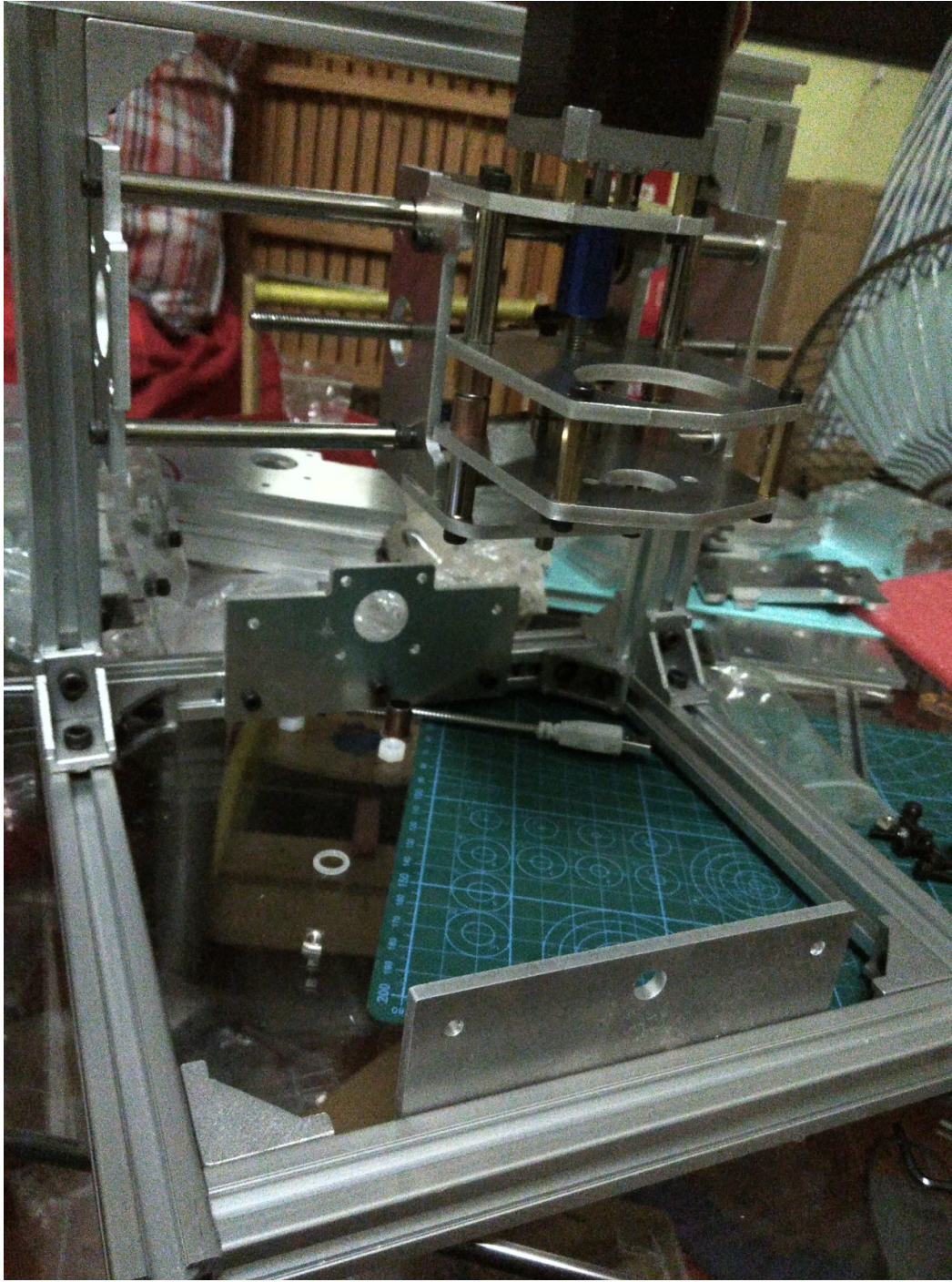
M3 screws

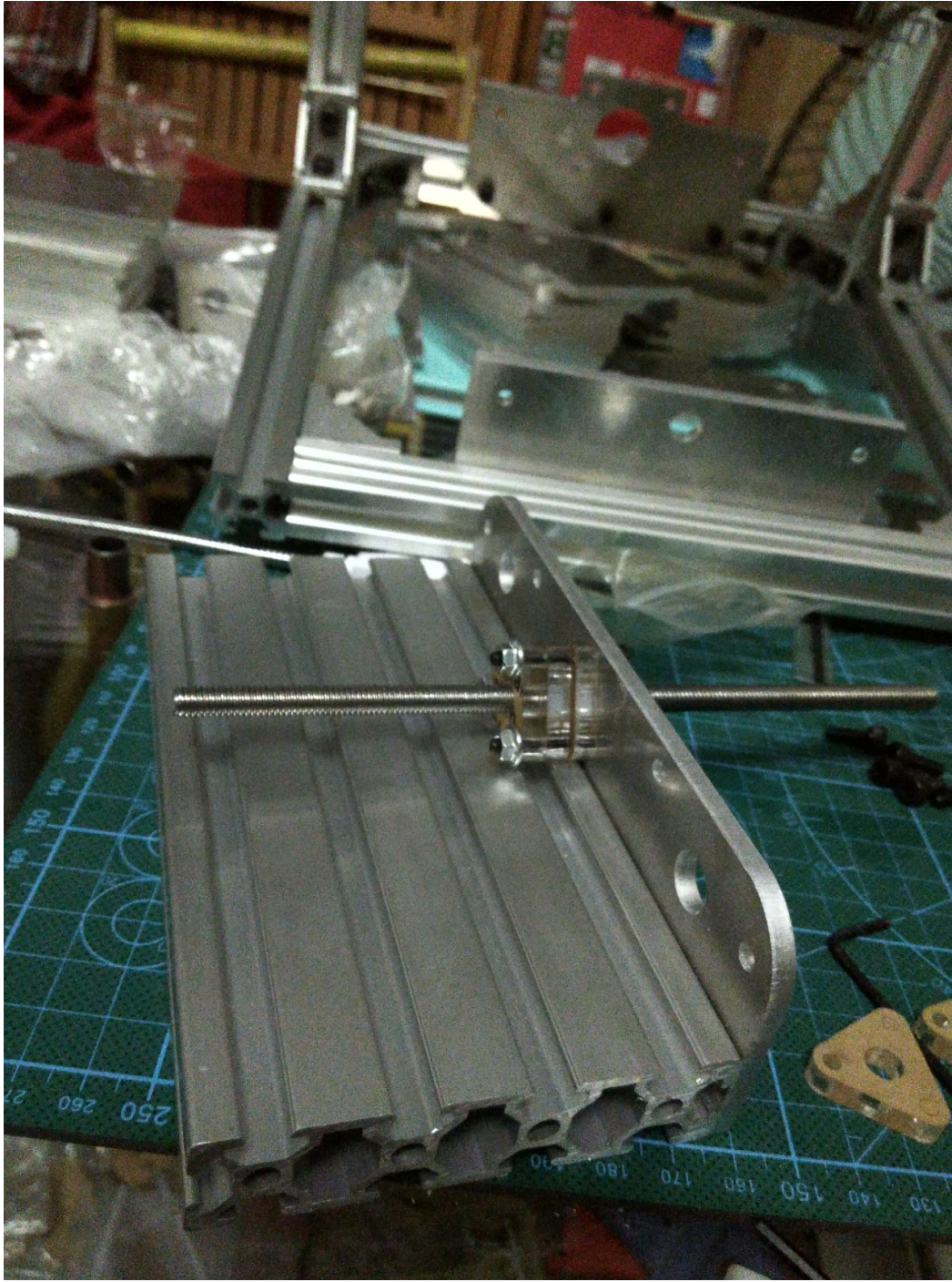


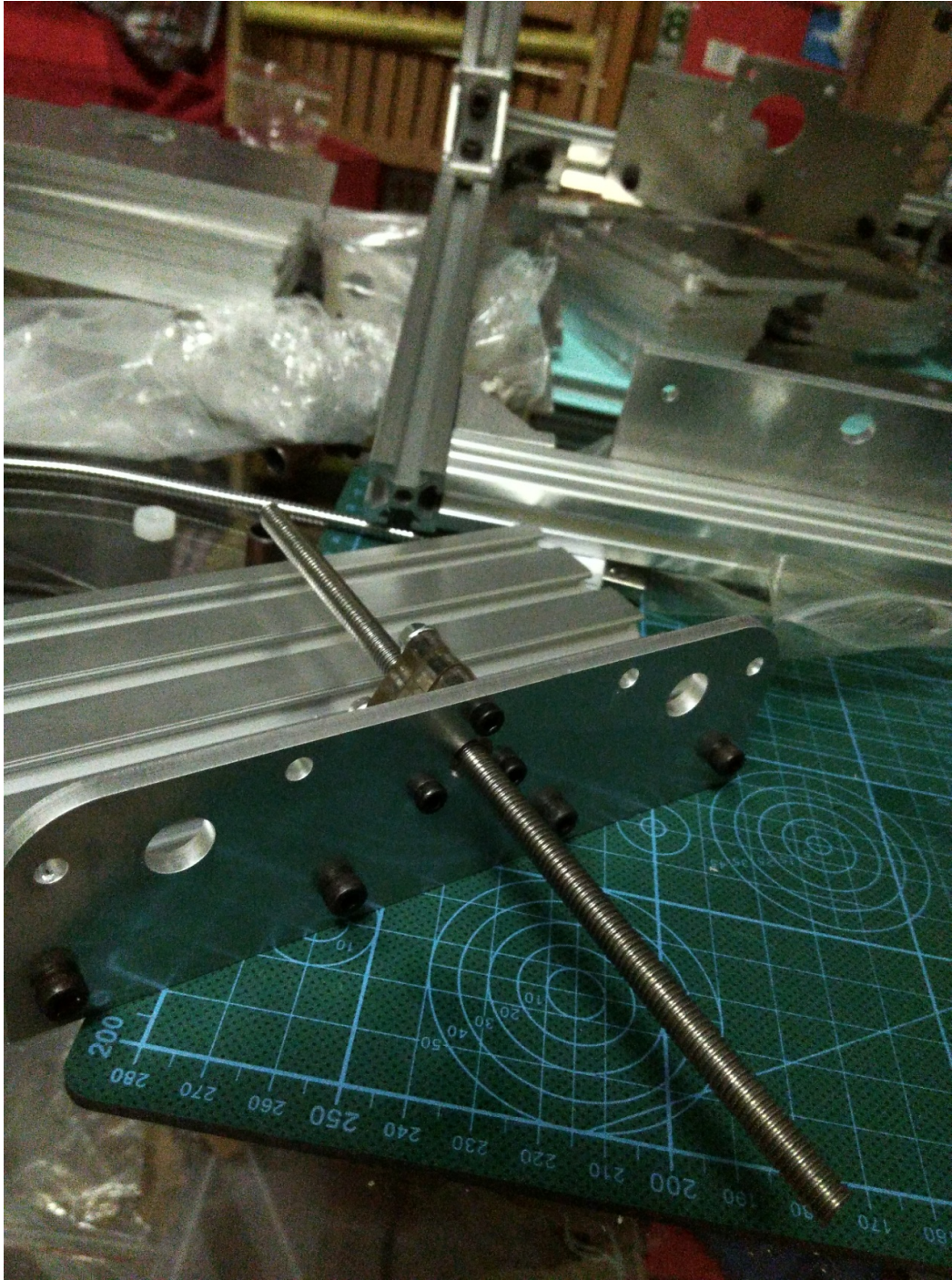
Aluminum panel here need to install gasket.

If the screw rod is not setting good, the tail would swag, it looks like a bend screw rod.

fixing holes of the motor, 775, M4 screws for motor, and M3 for small spindle



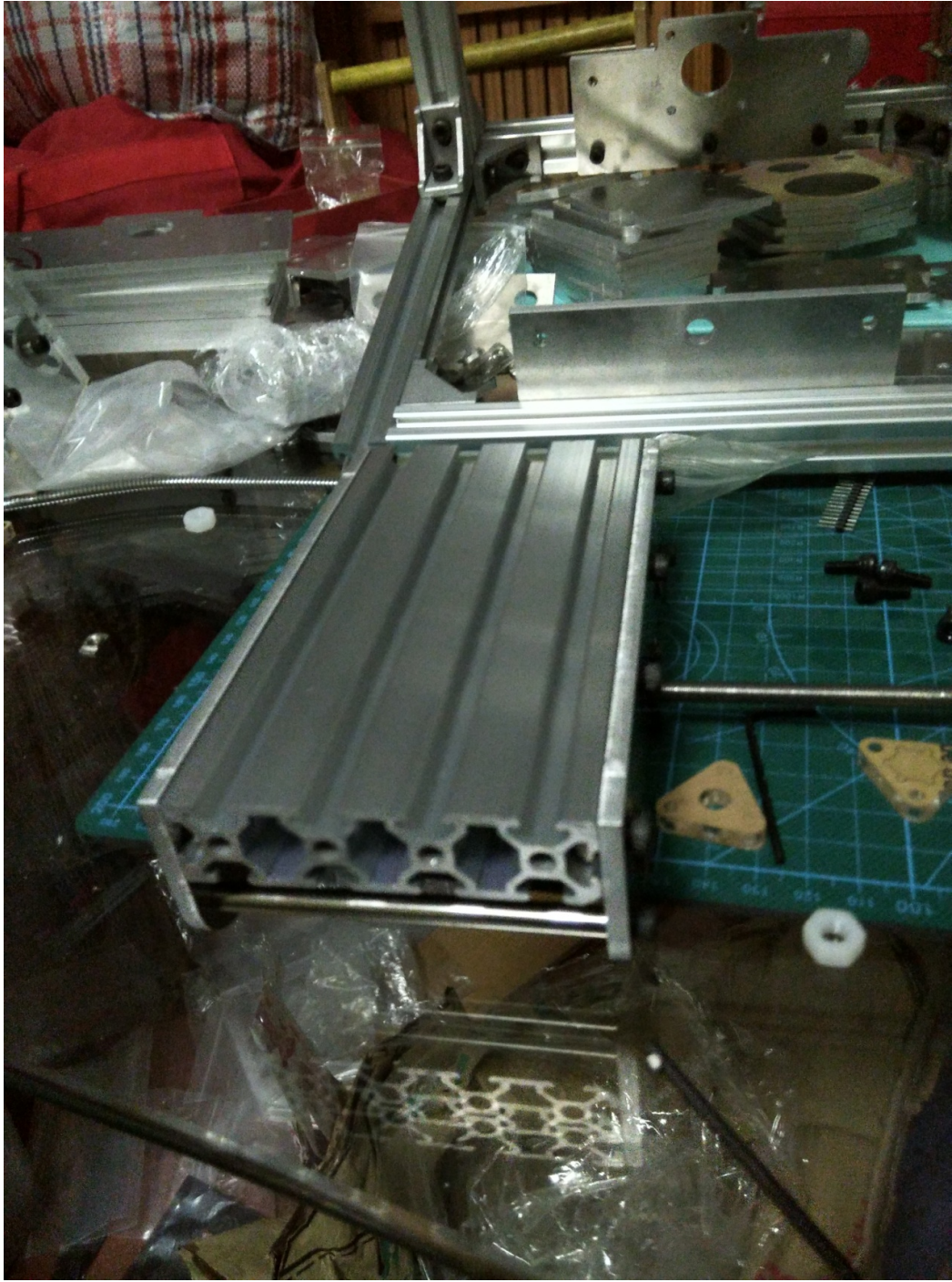


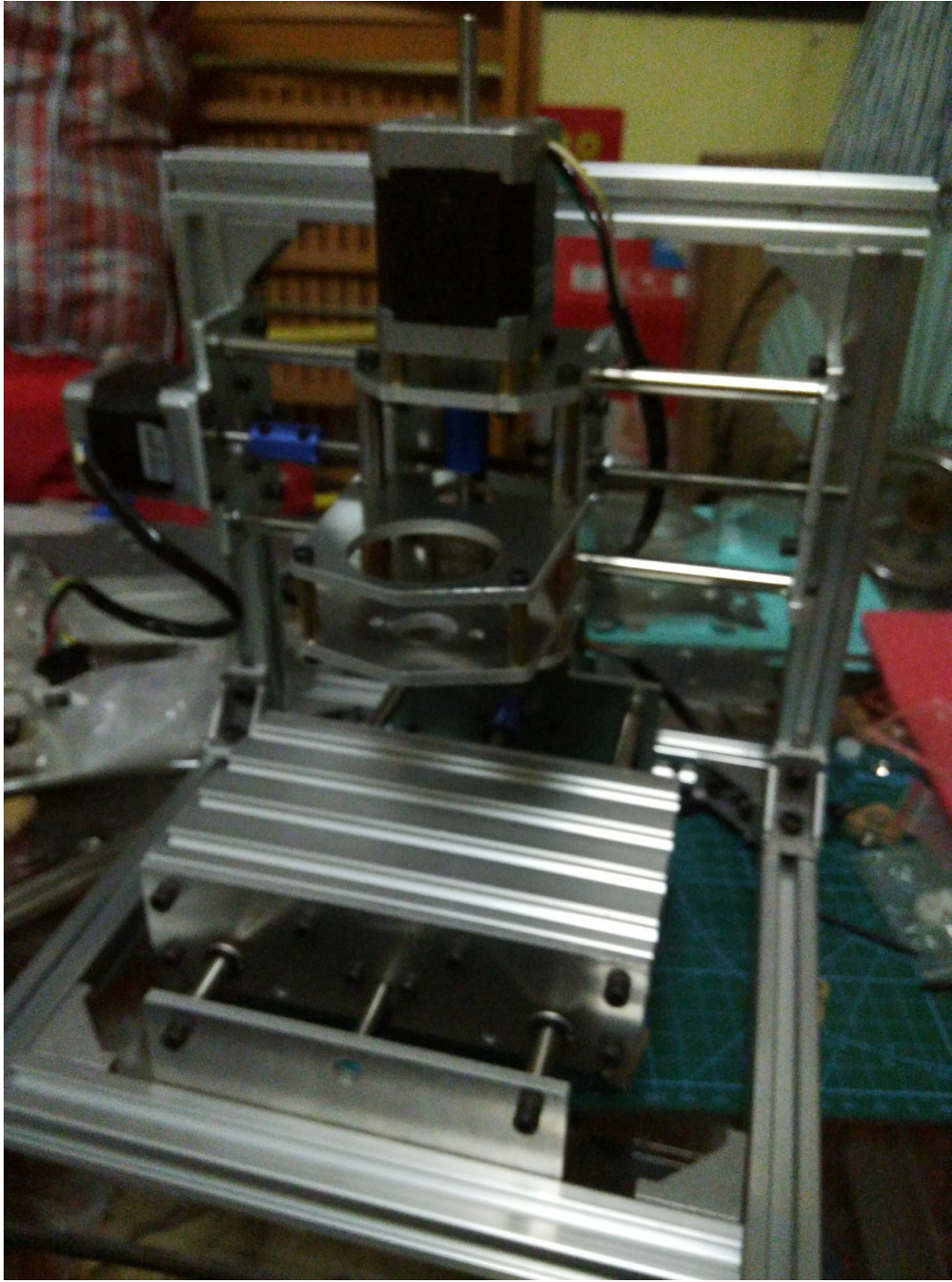


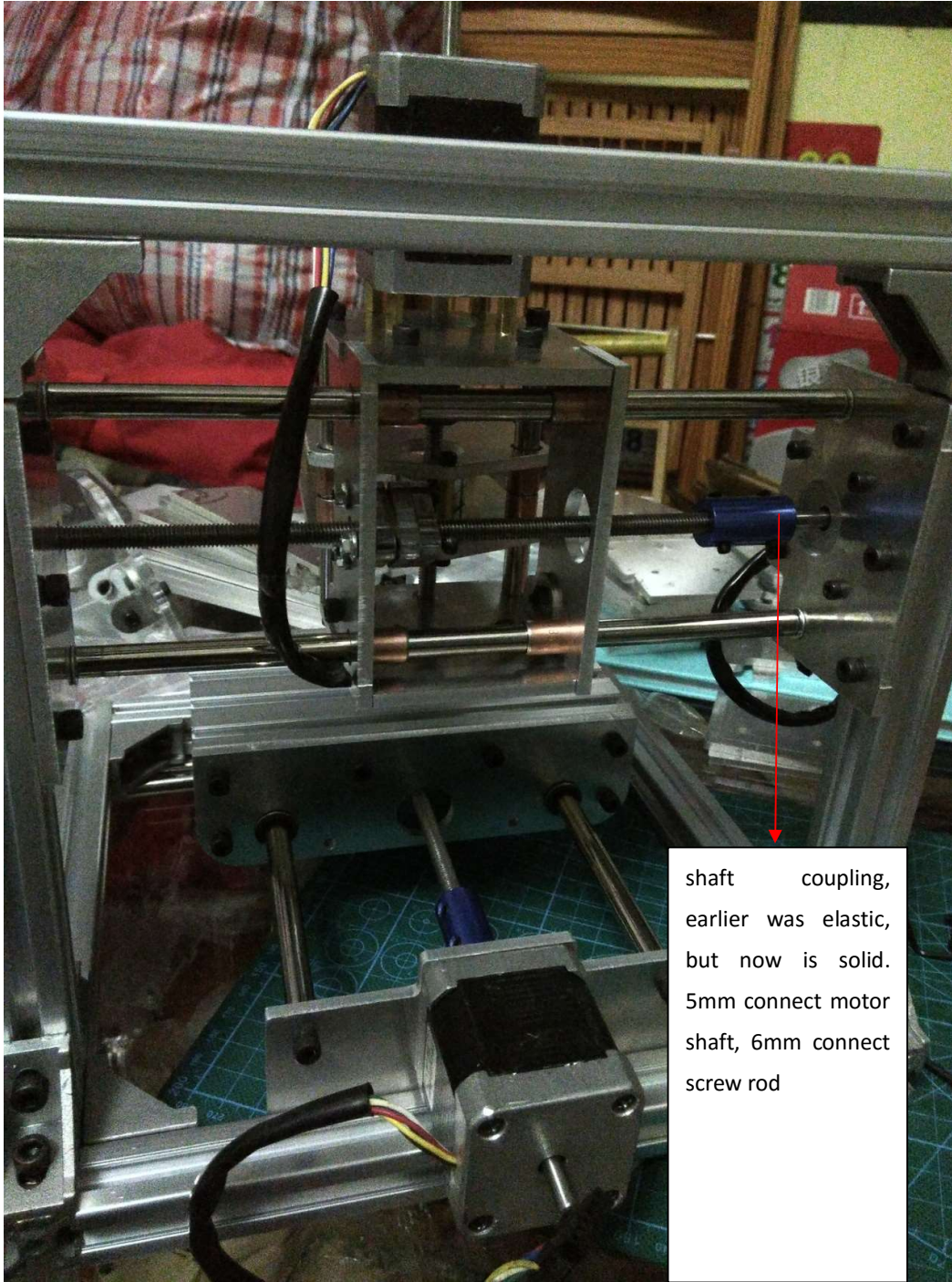


most of copper brushes here turn up, part of them are straight.

6MM thick, depend on situation, set 2or 4 of them







shaft coupling,
earlier was elastic,
but now is solid.
5mm connect motor
shaft, 6mm connect
screw rod