

CNCC 激光/机械雕刻机组装教程

CNCC Laser/Mechanical engraving machine assembly tutorial

感谢购买本套件，如安装过程中有不明白的地方请联系店主(如有未及时回复的时候请见谅，店主看到消息后肯定会回复的)

Thank you for purchasing this kit, if you have any question during the proccession of installation, feel free to ask shopkeeper(Please be forgiven if we did not timely reply, The shopkeeper will reply after seeing the information)

由于机型改进可能实物与说明书有差异，以实物为准。

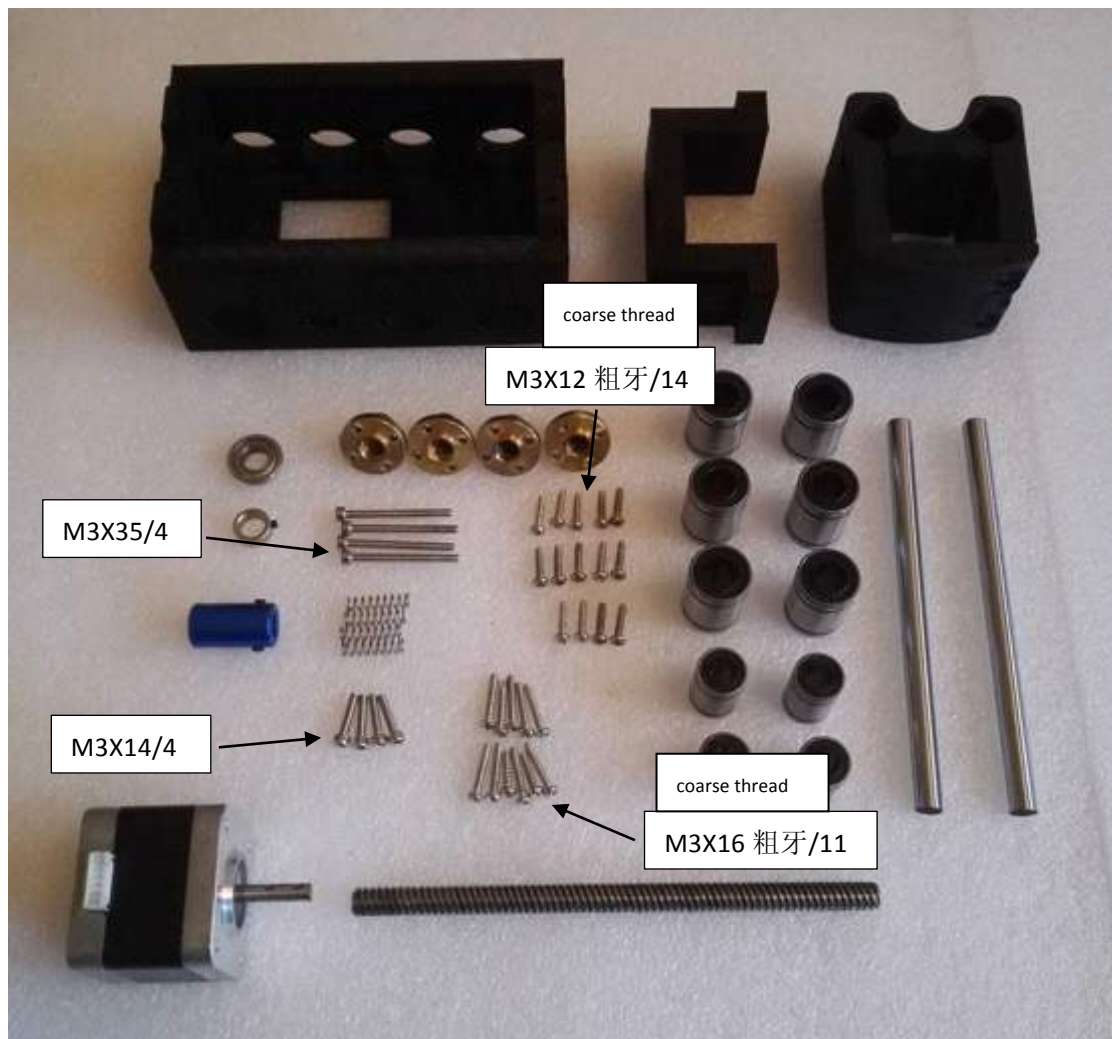
The material object may have little difference from instructions because of the modified version

自备工具：

十字螺丝刀，剪刀，小锉刀，砂纸(200#左右)，润滑油，游标卡尺(直尺也可)，电脑

Tools:

Cross screwdriver, scissors, small file, sandpaper(about 200), Lubricating oil, vernier caliper (ruler), computer



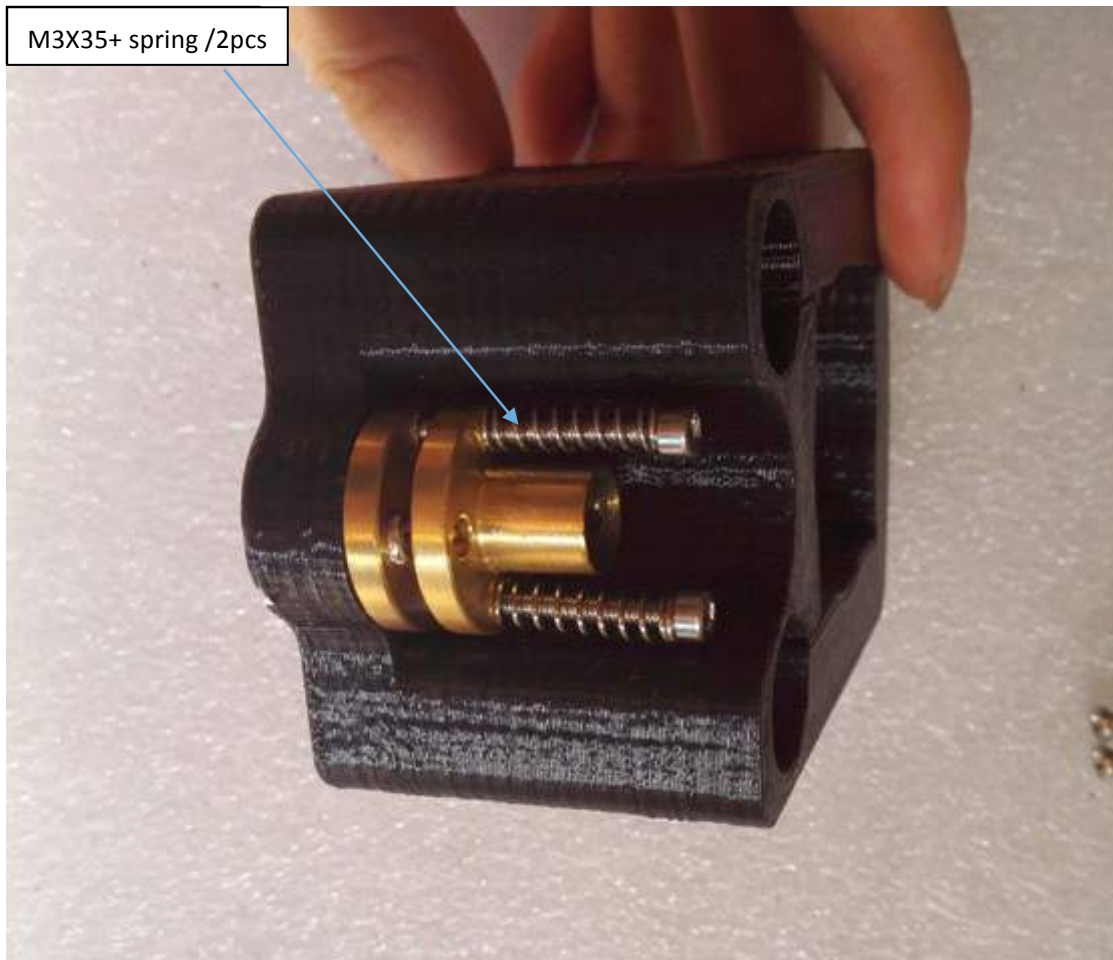
Turn round the coupling screw should be no obvious shaking



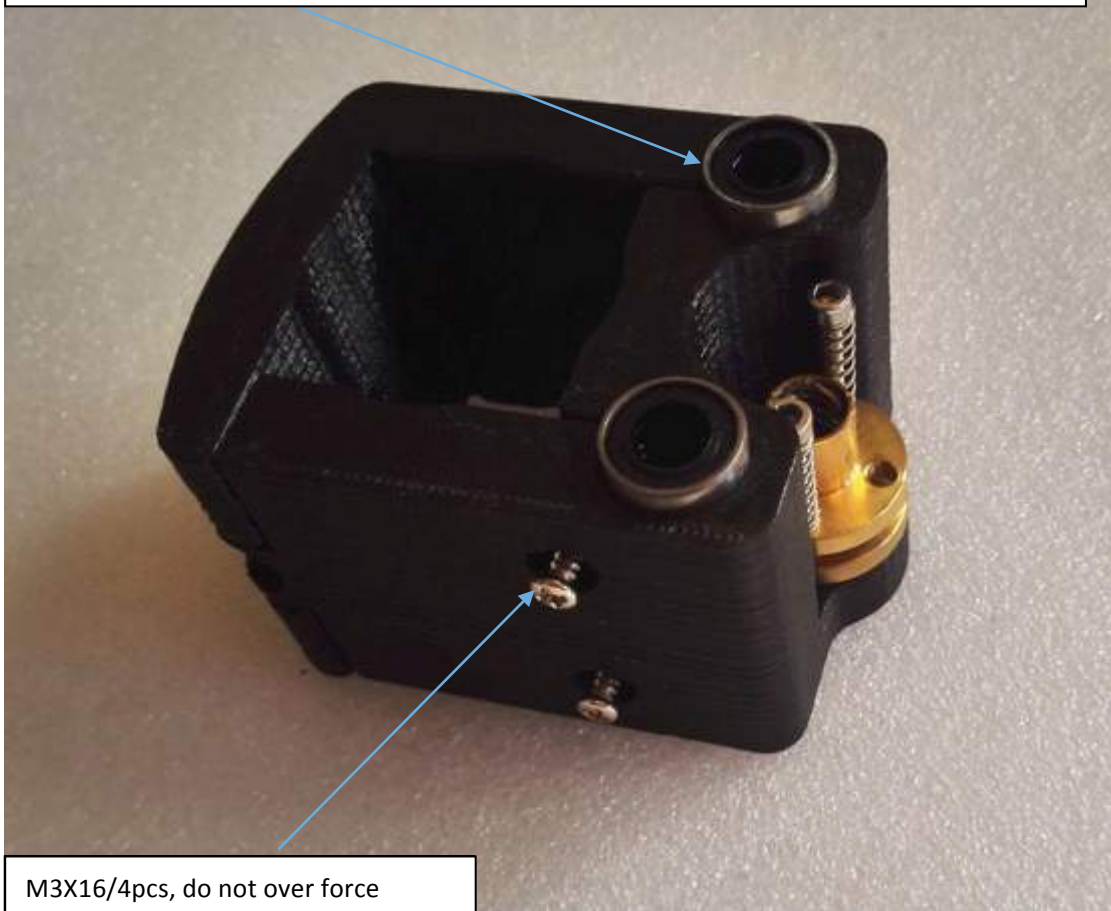
M3X12/2pcs, do not over force



M3X35+ spring /2pcs



Stuffed into four small trumpet shafts, the bottom is in the same level with the bottom of the plastic parts



M3X16/4pcs, do not over force



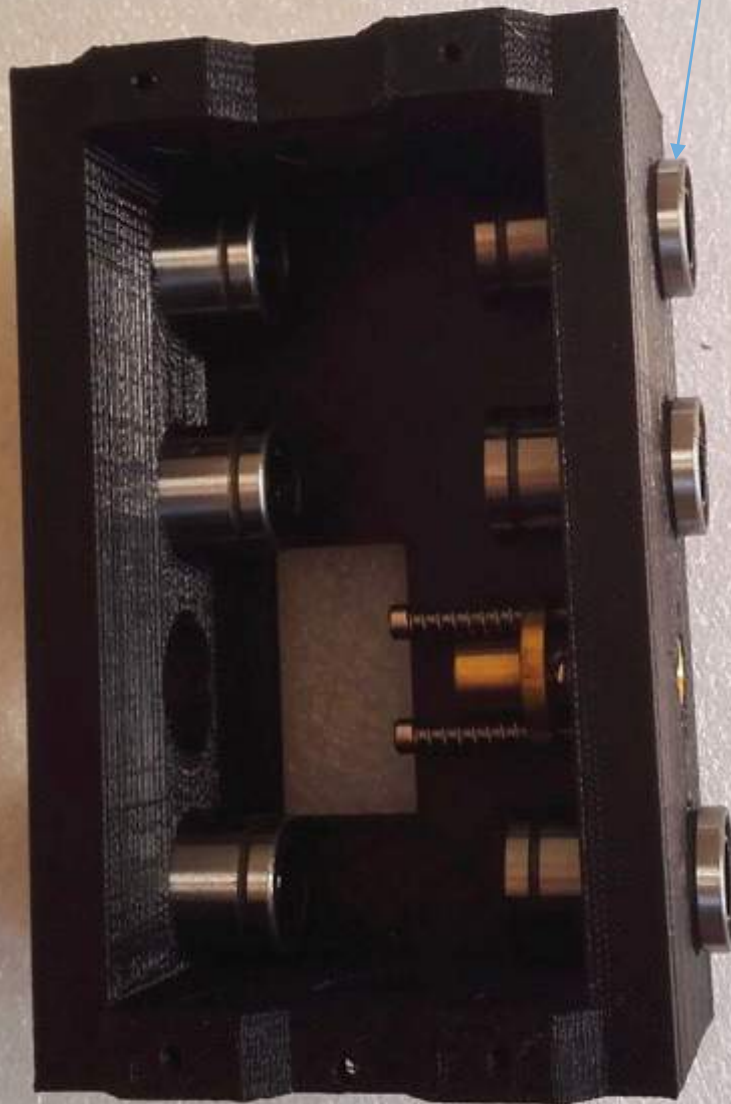


M3X12/2PCS, do not over force

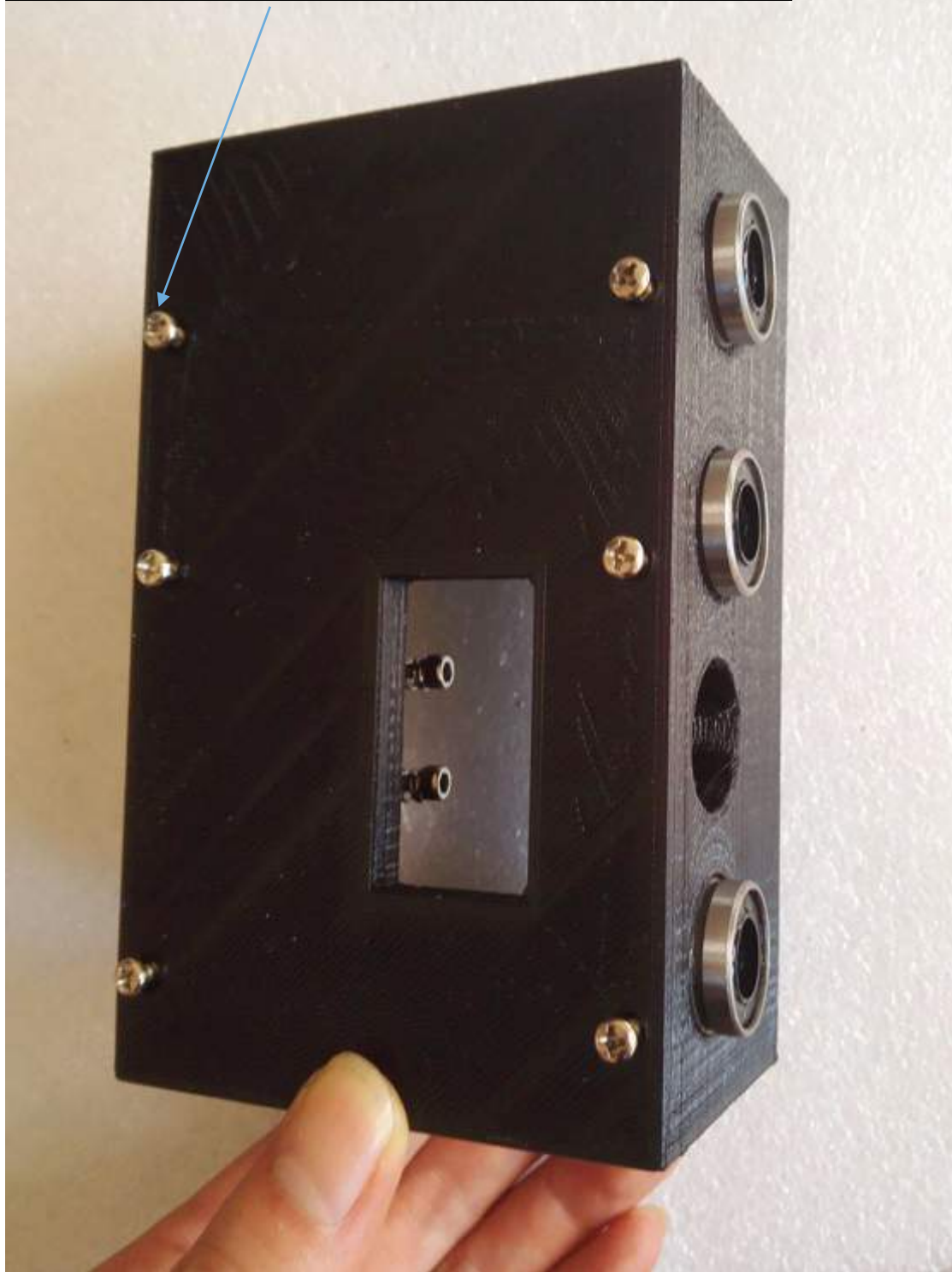


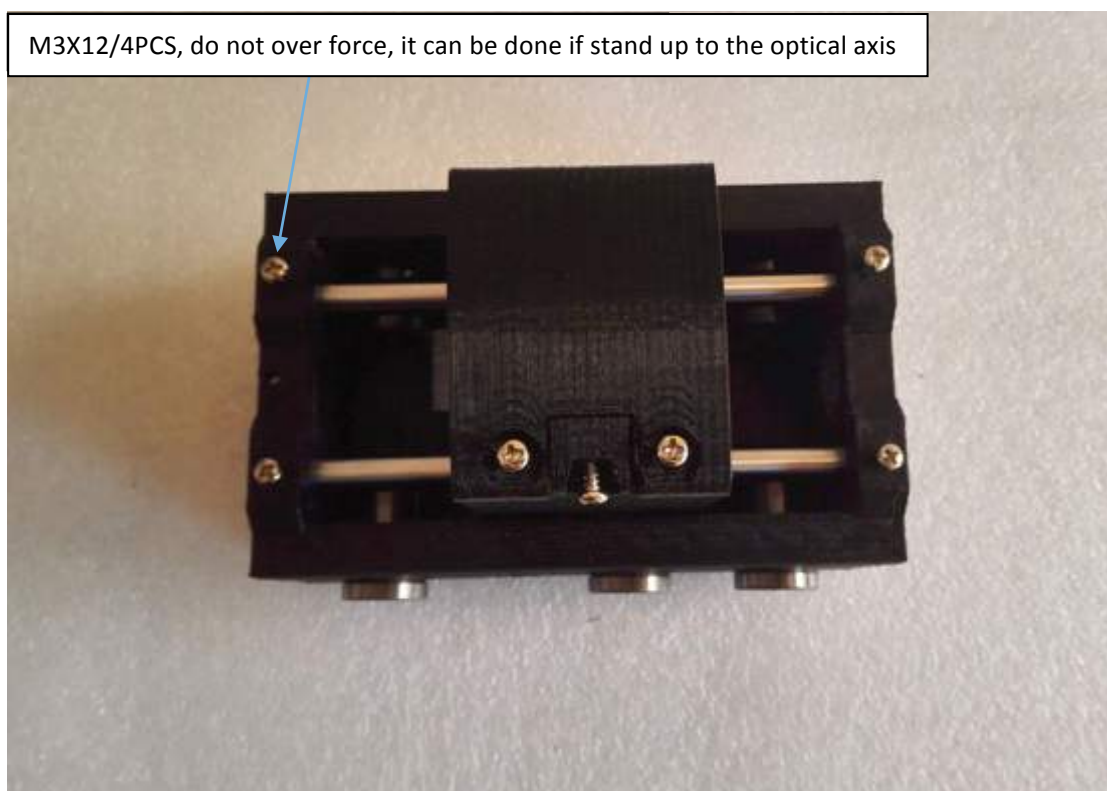
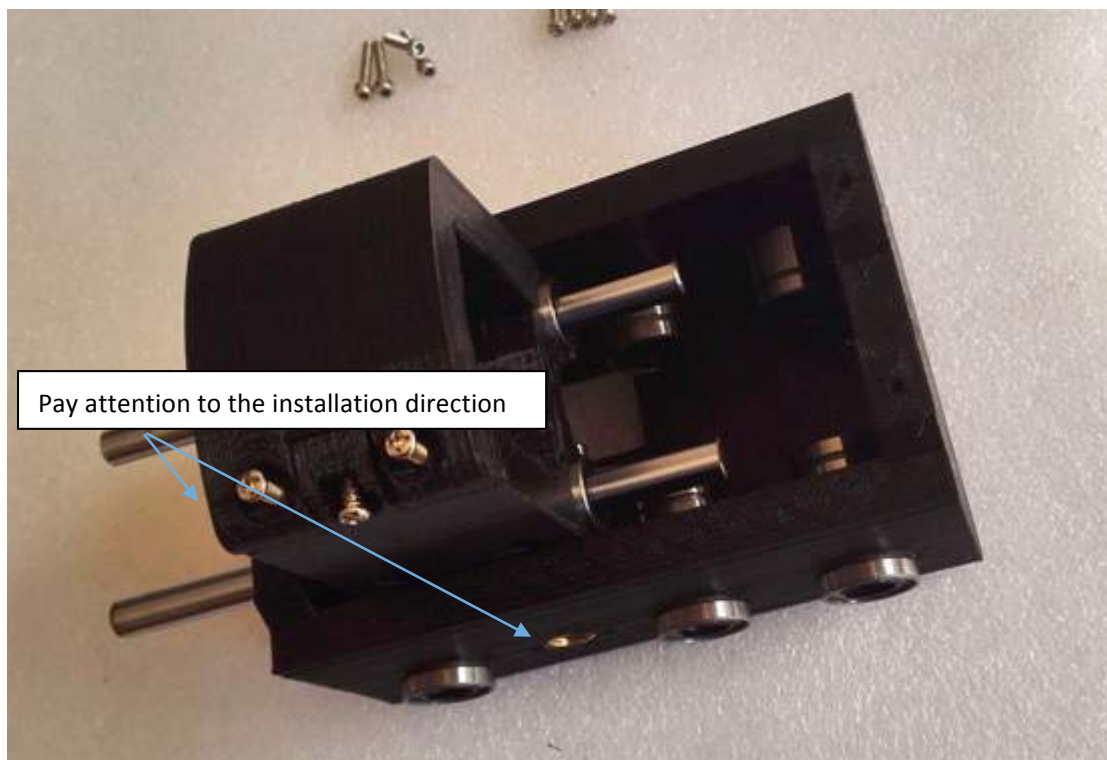
M3X35+ spring /4PCS

Large trumpet shafts, keep the edge at the end after stuffing

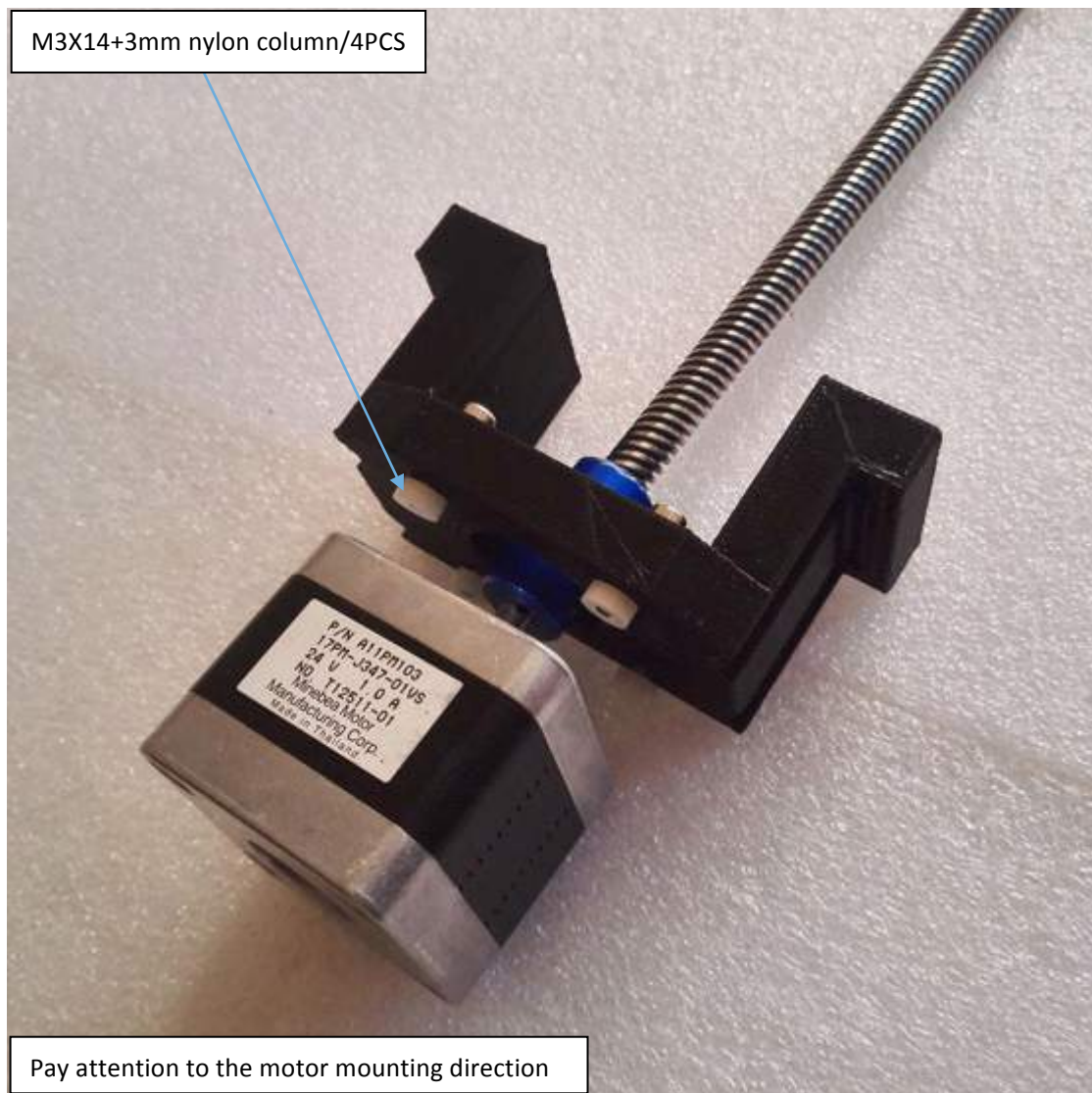


M3X12/6PCS, do not over force, it can be done if stand up to the spiale





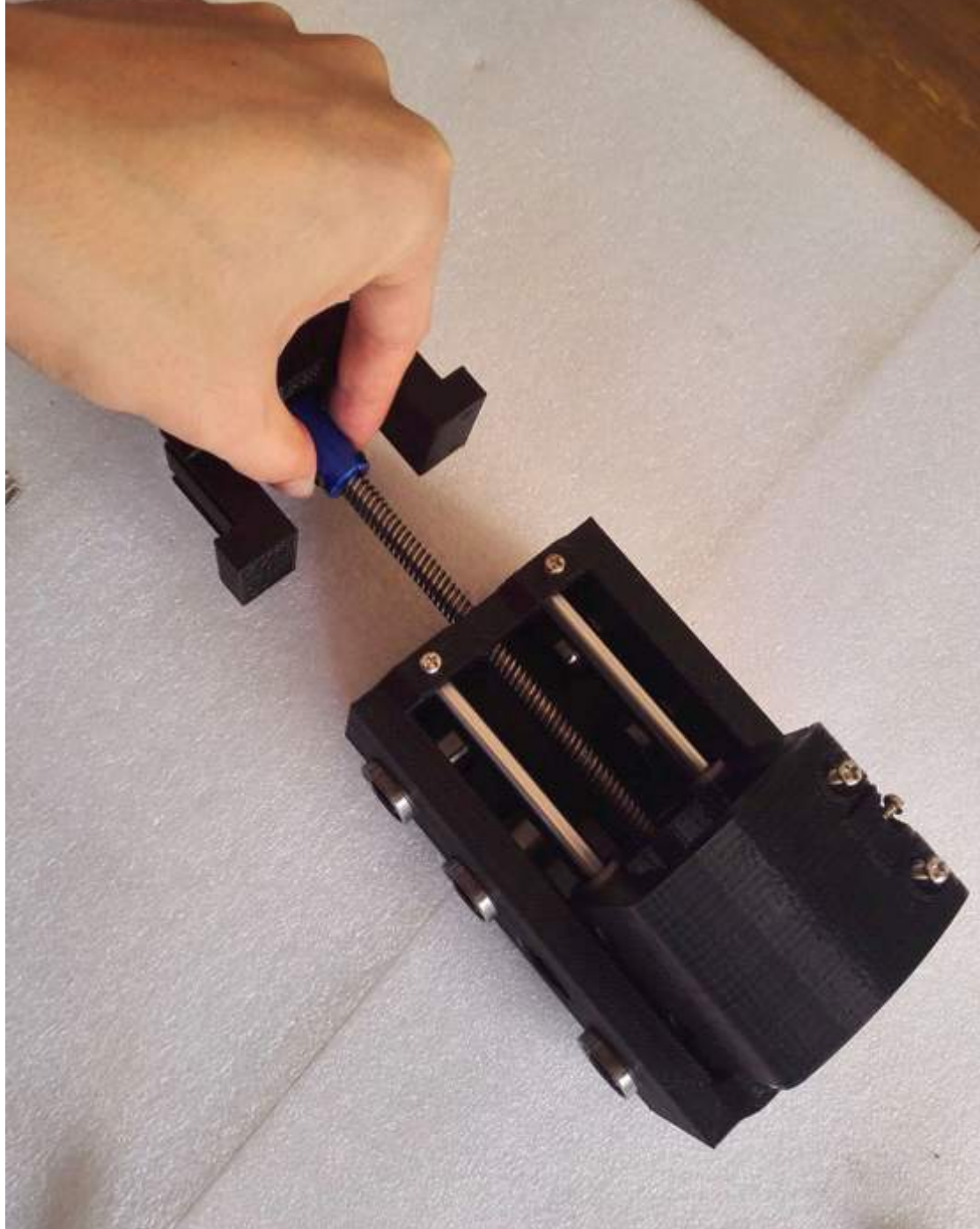
M3X14+3mm nylon column/4PCS

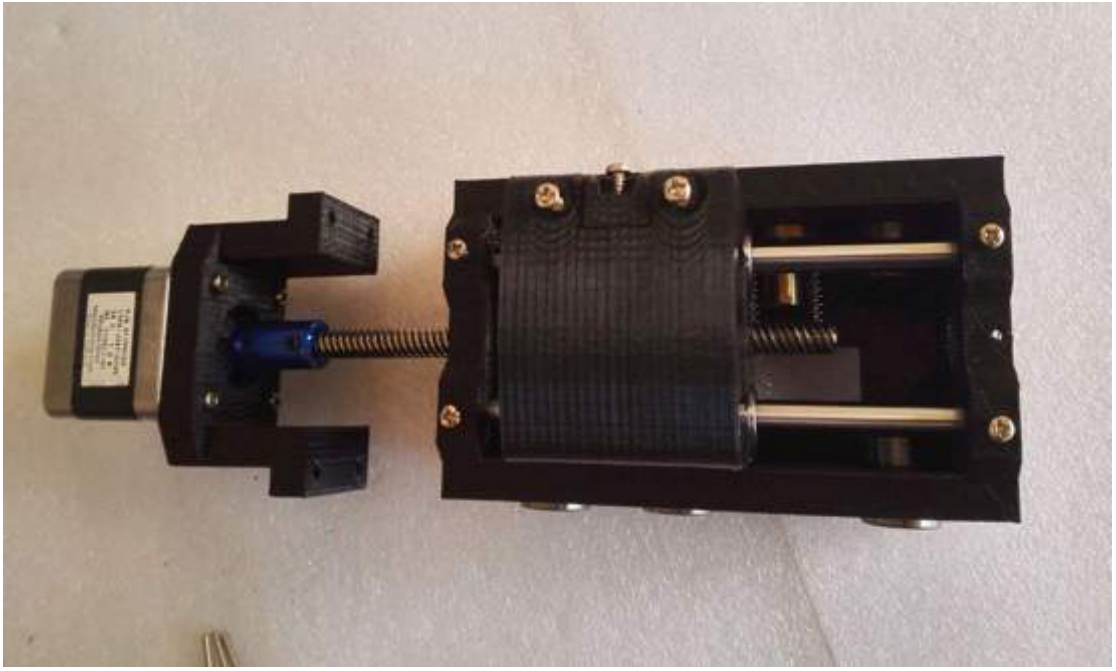


Pay attention to the motor mounting direction

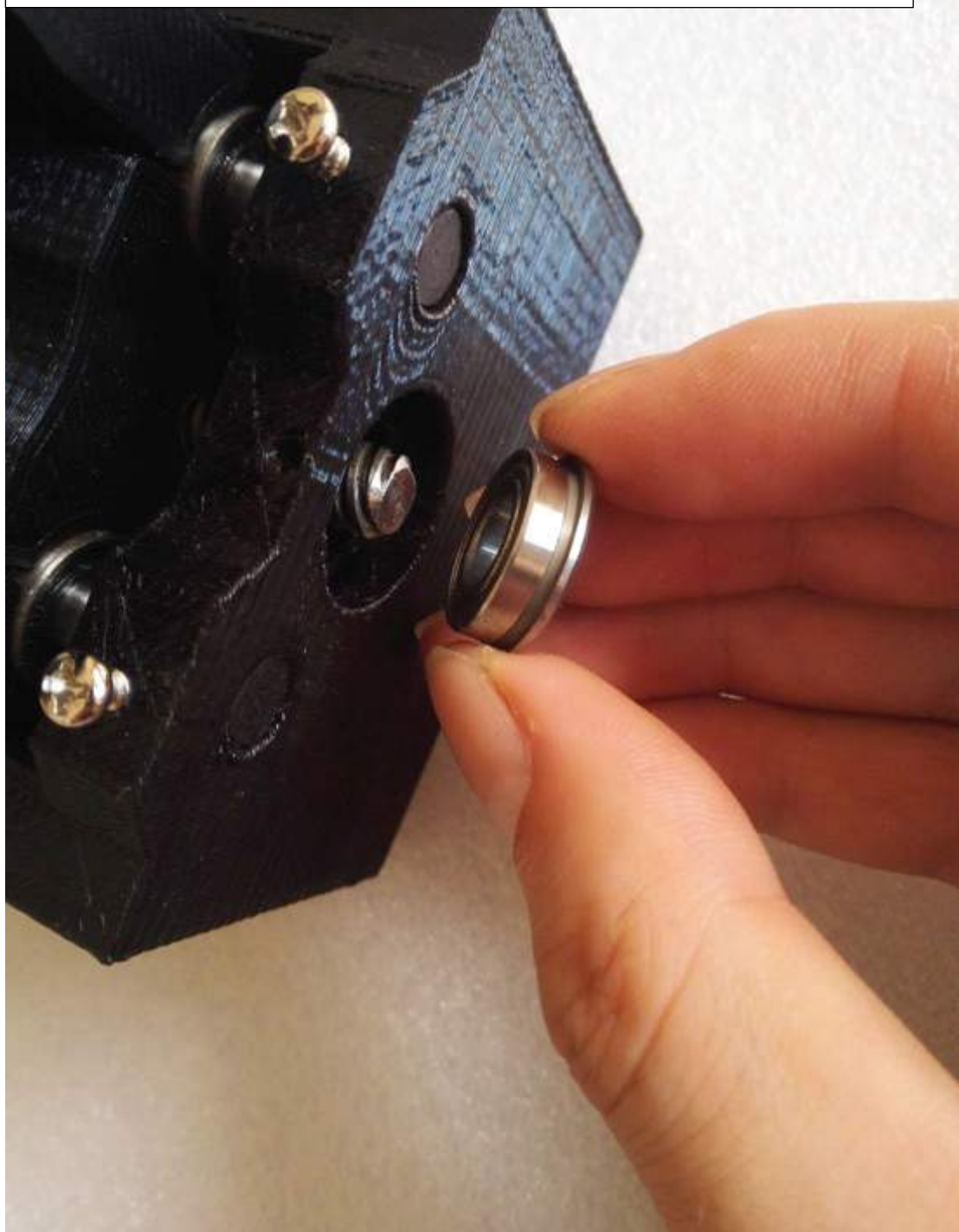


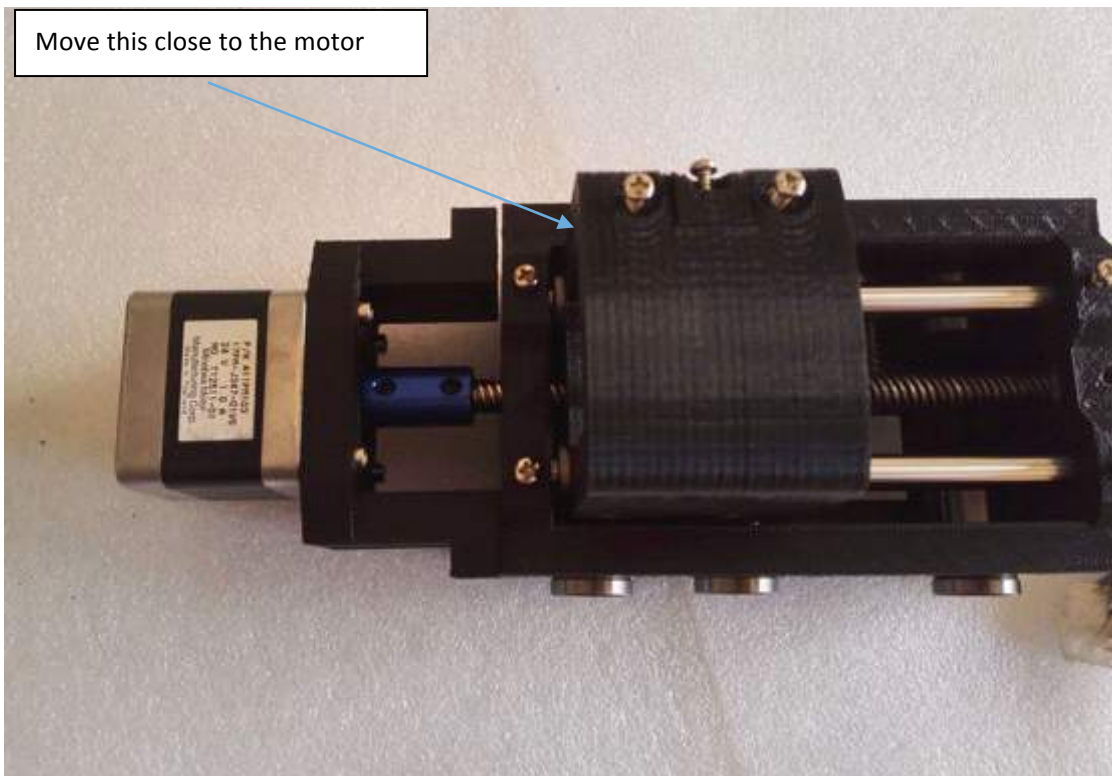
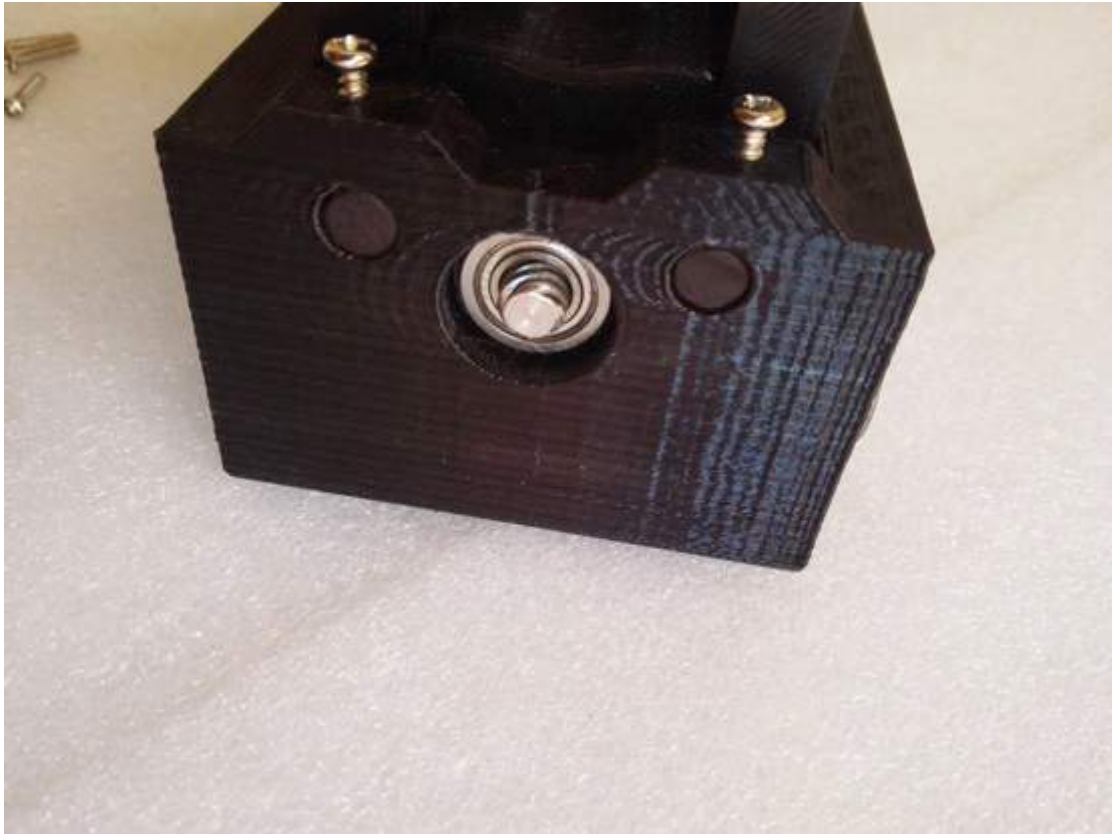
Screw the coupling, load the nut into lead screw

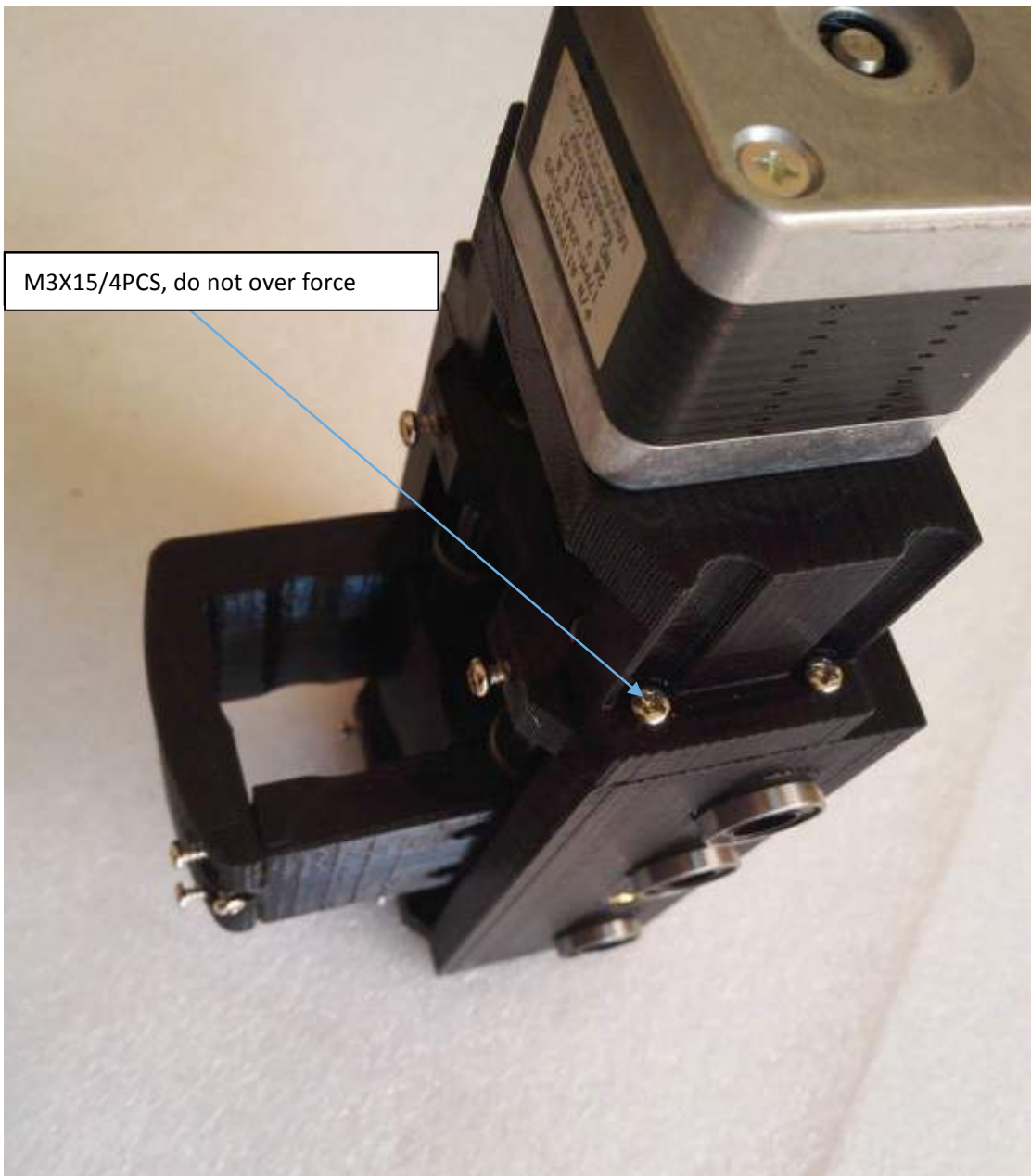




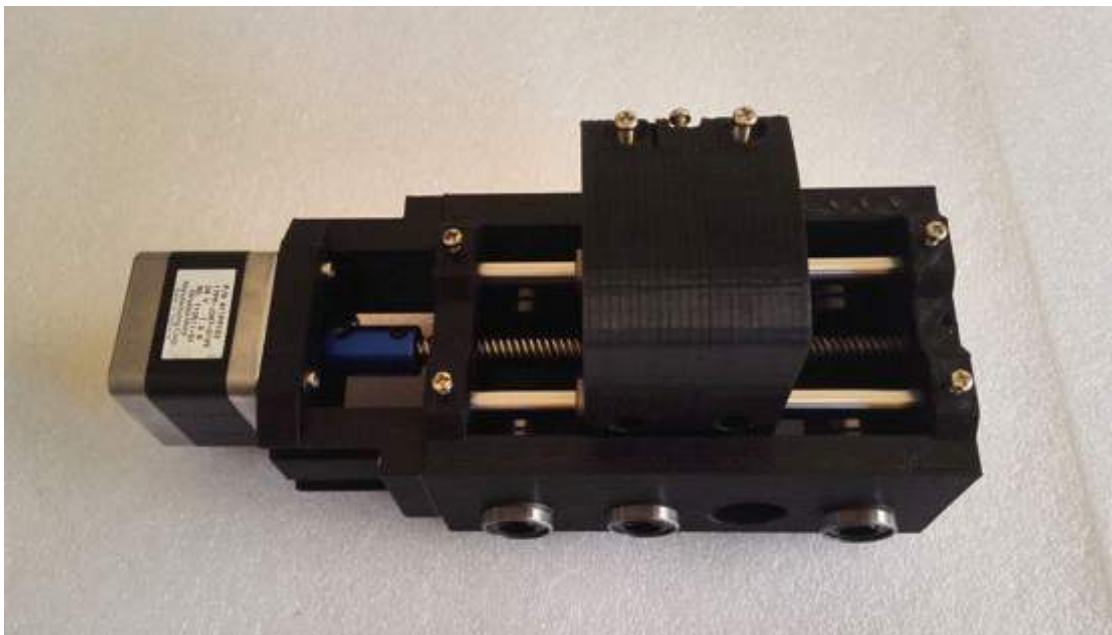
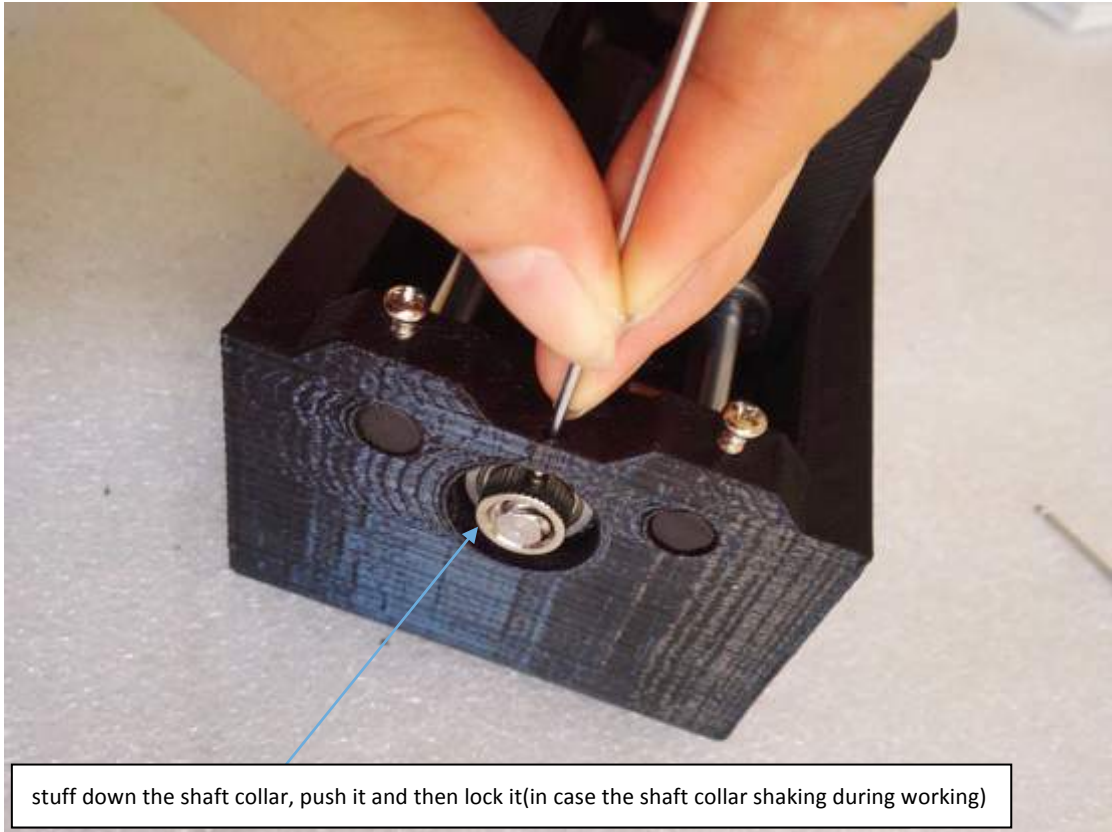
由于丝杆和轴承是过度配合（轴承标准）一般 DIY 用户为了方便安装可打磨下丝杆

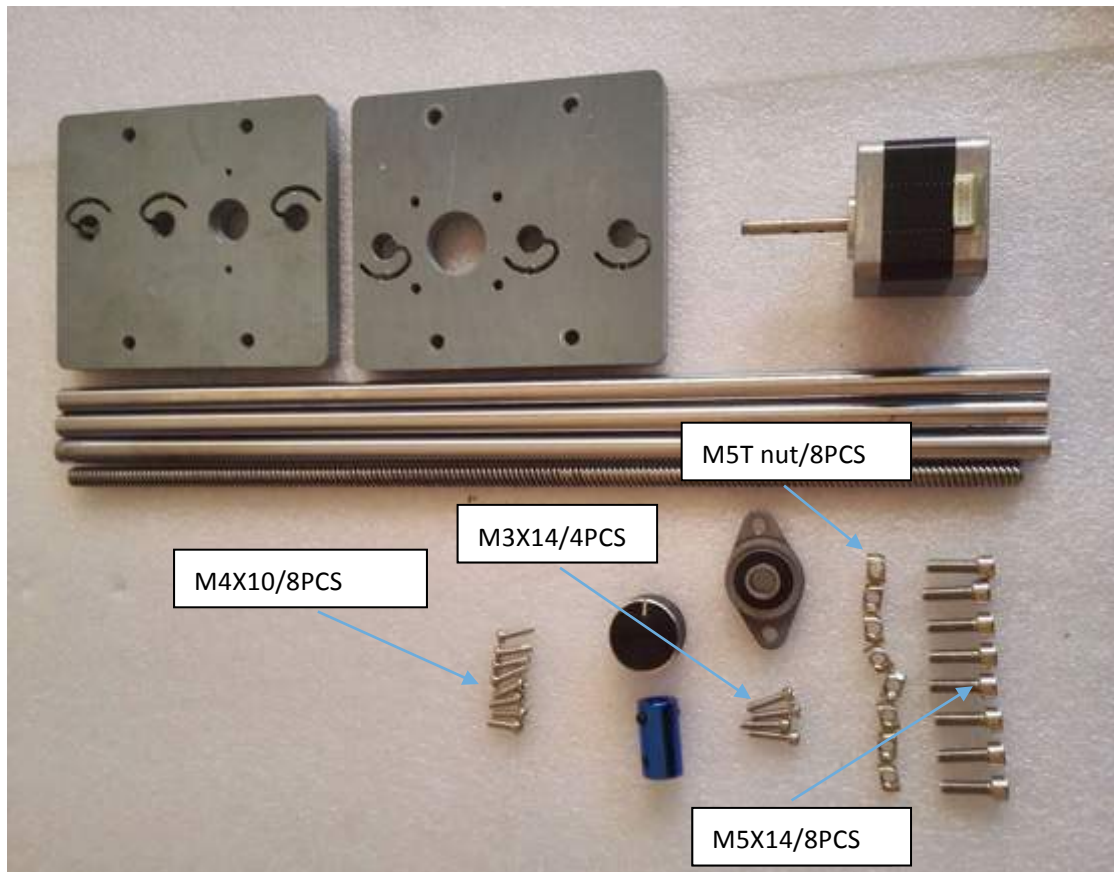






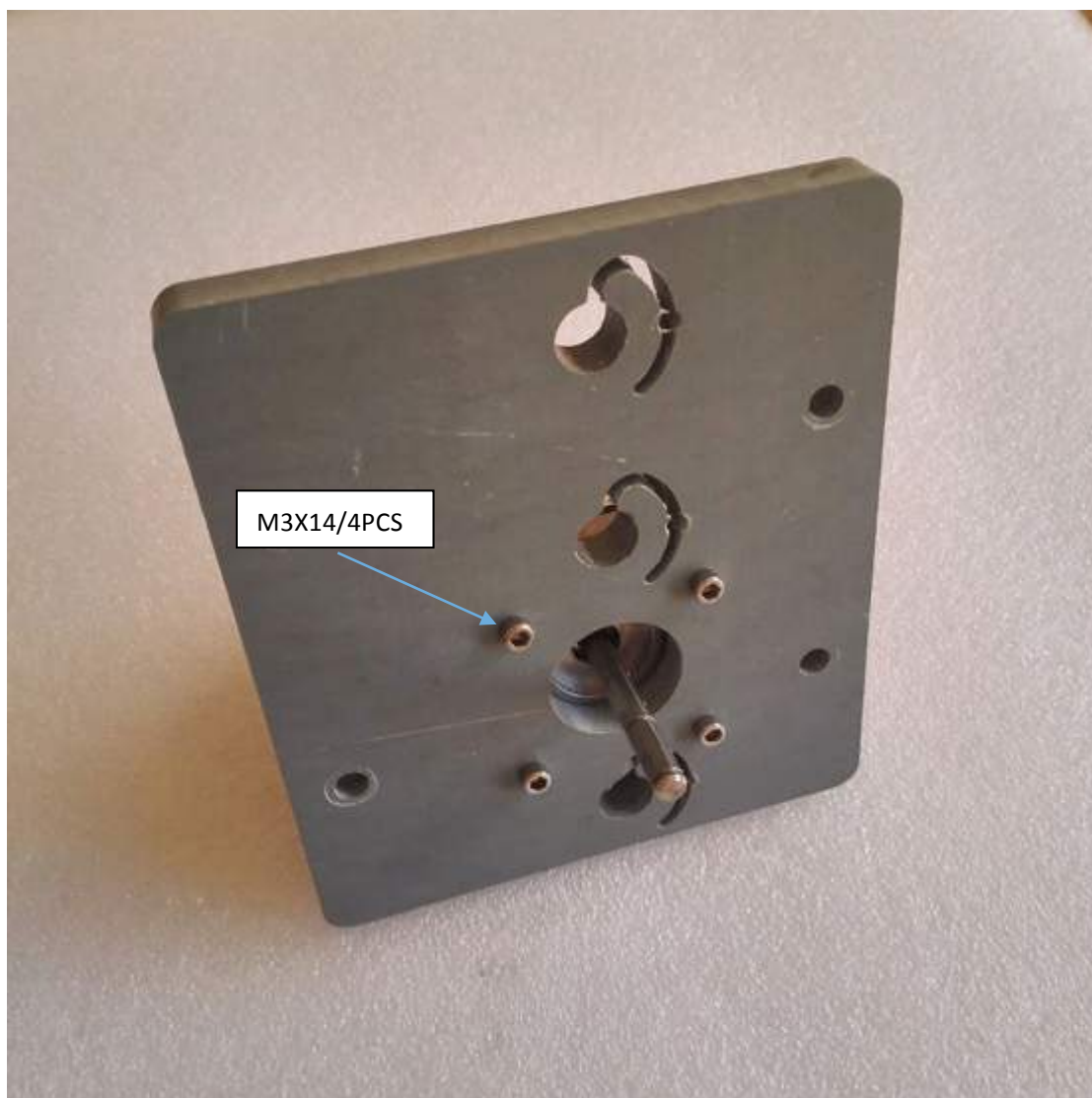
M3X15/4PCS, do not over force





Pay attention to the direction of motor plate



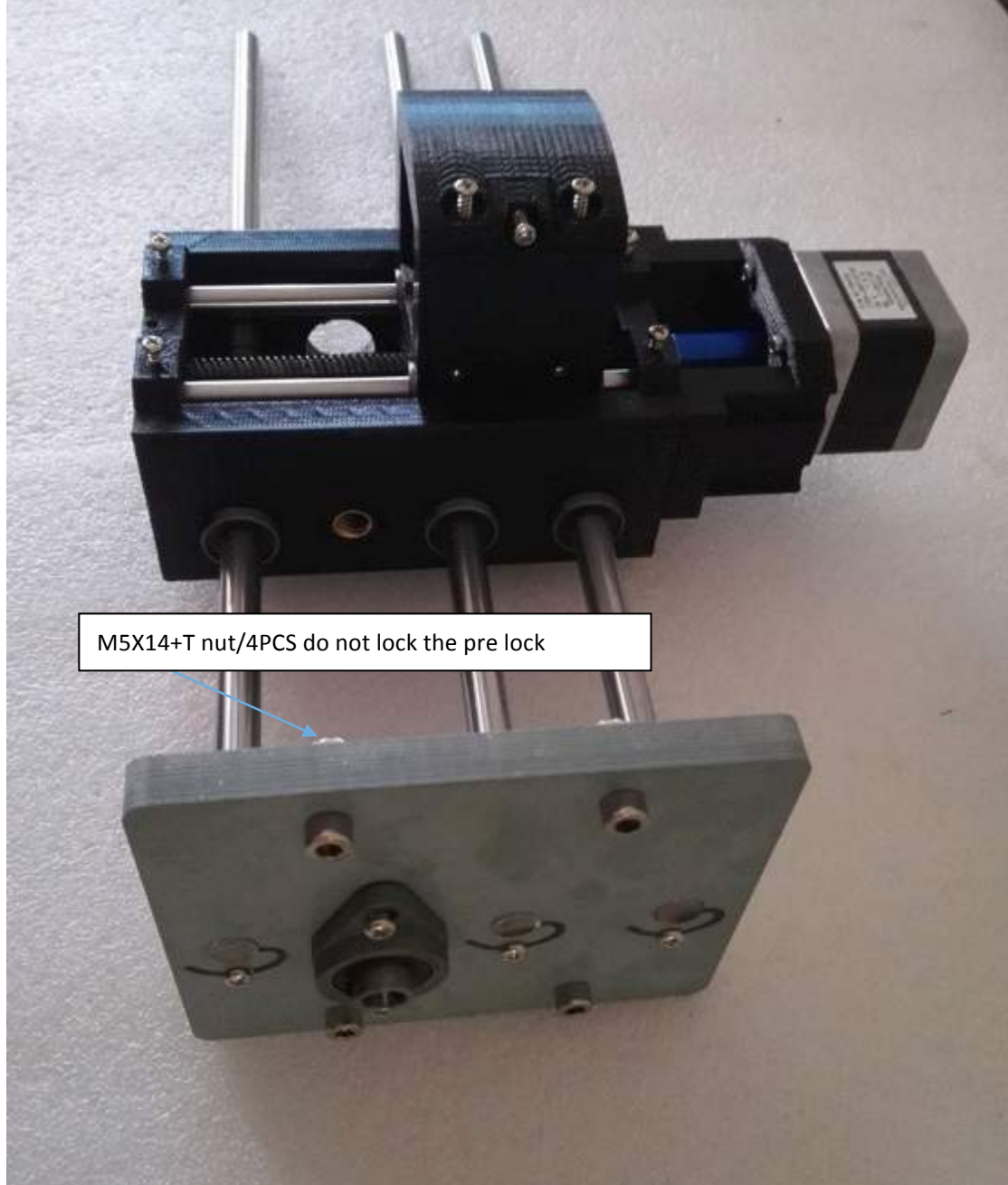


M4X10/2PCS do not lock it, pay attention to the direction of plate

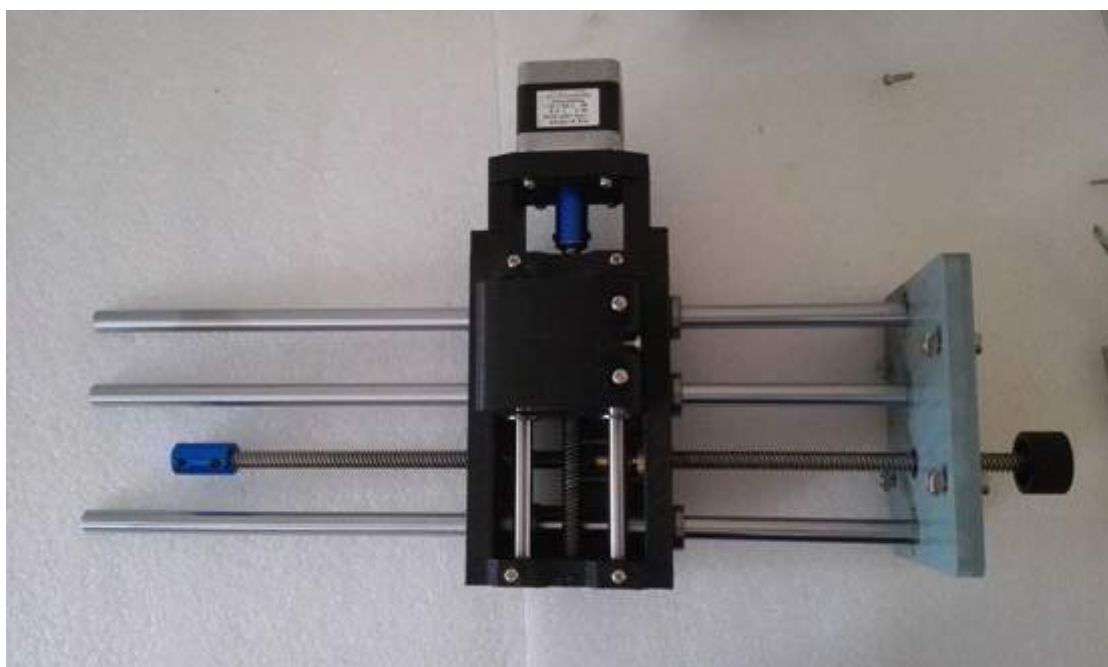




load the Z axis module, Pay attention to the direction of motor plate

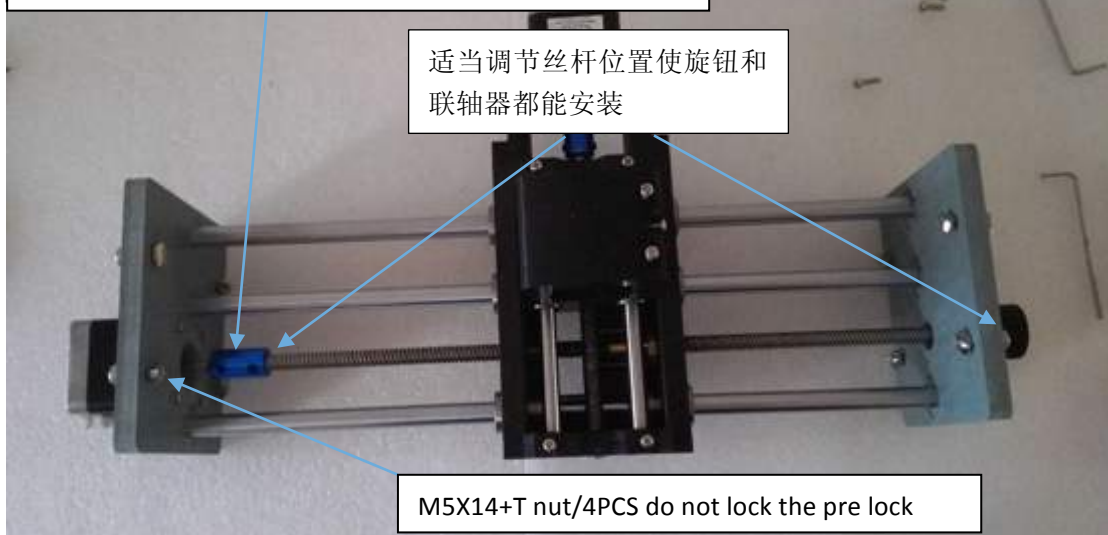


M5X14+T nut/4PCS do not lock the pre lock

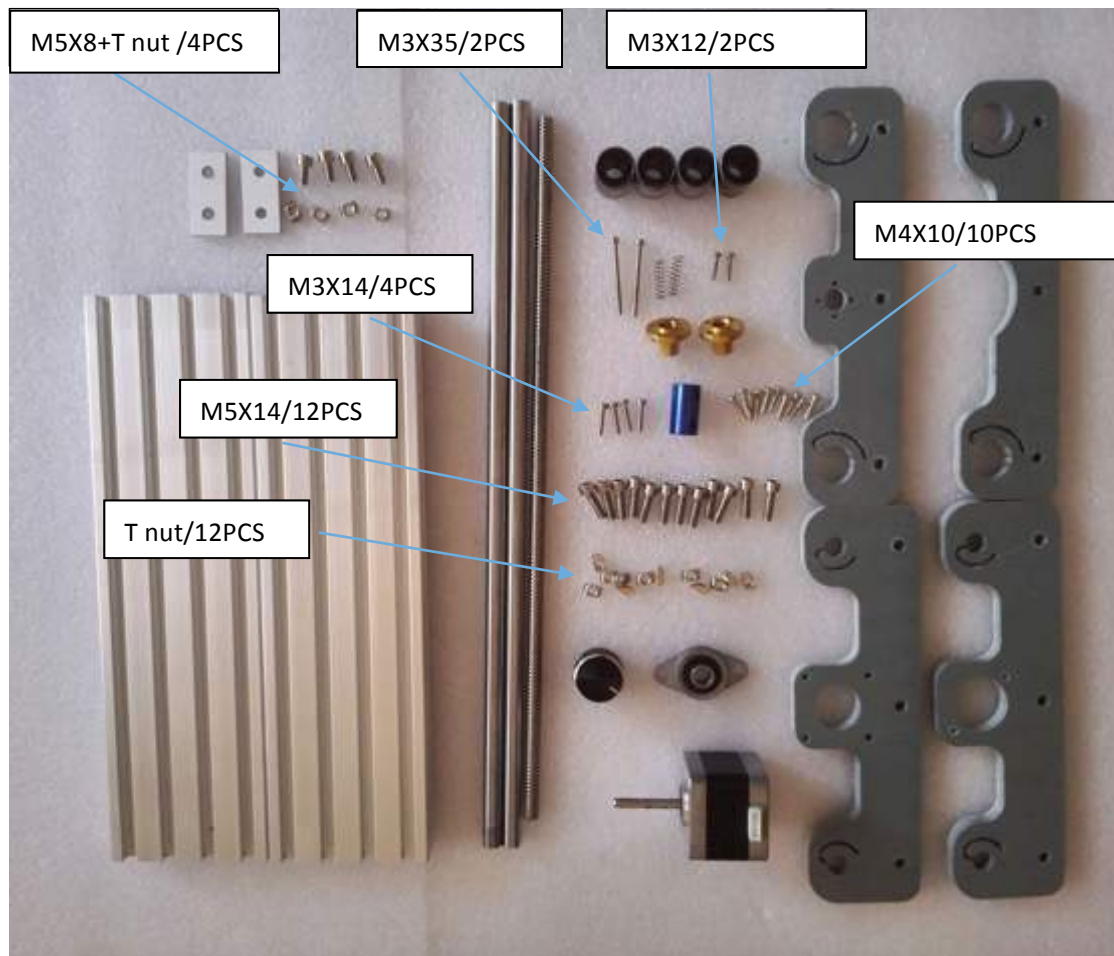


do not lock the coupling and motor, we will adjust it later

适当调节丝杆位置使旋钮和
联轴器都能安装



M5X14+T nut/4PCS do not lock the pre lock

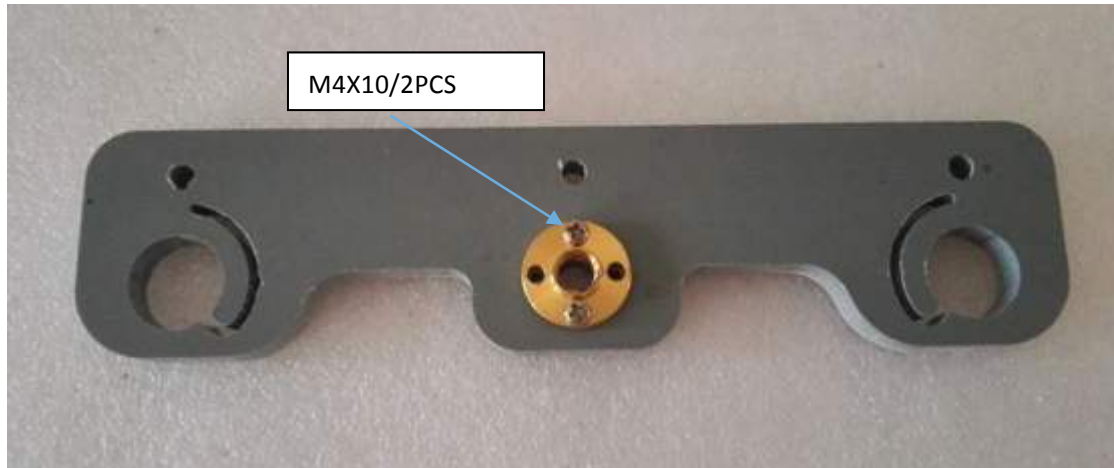


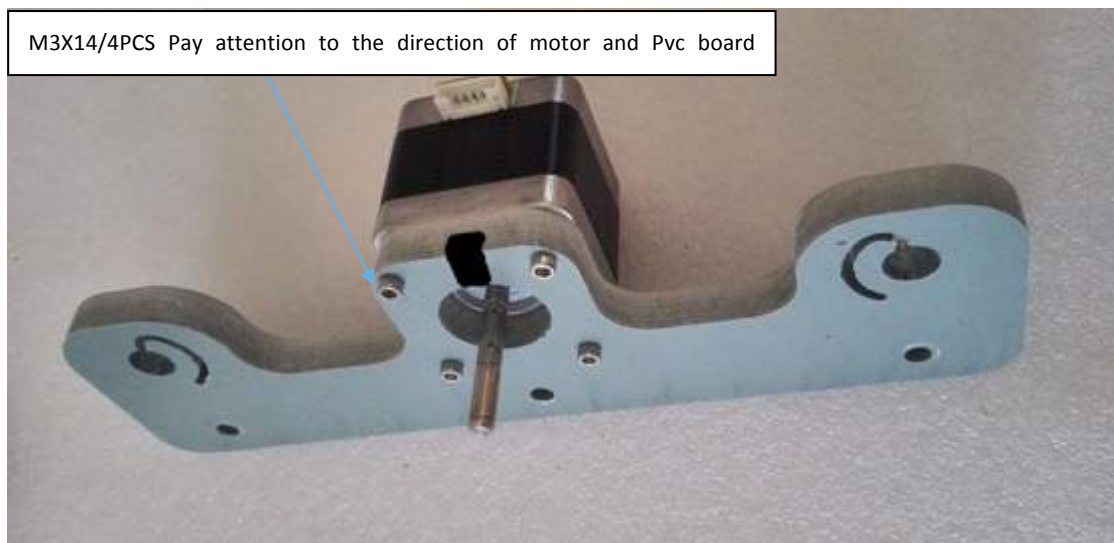
M5X8+T nut/4PCS do not lock the pre lock



Place the wide aluminium extruded sections on the flat desktop or on the ground (preferably on the thick glass plane) connected with the aluminum sheet







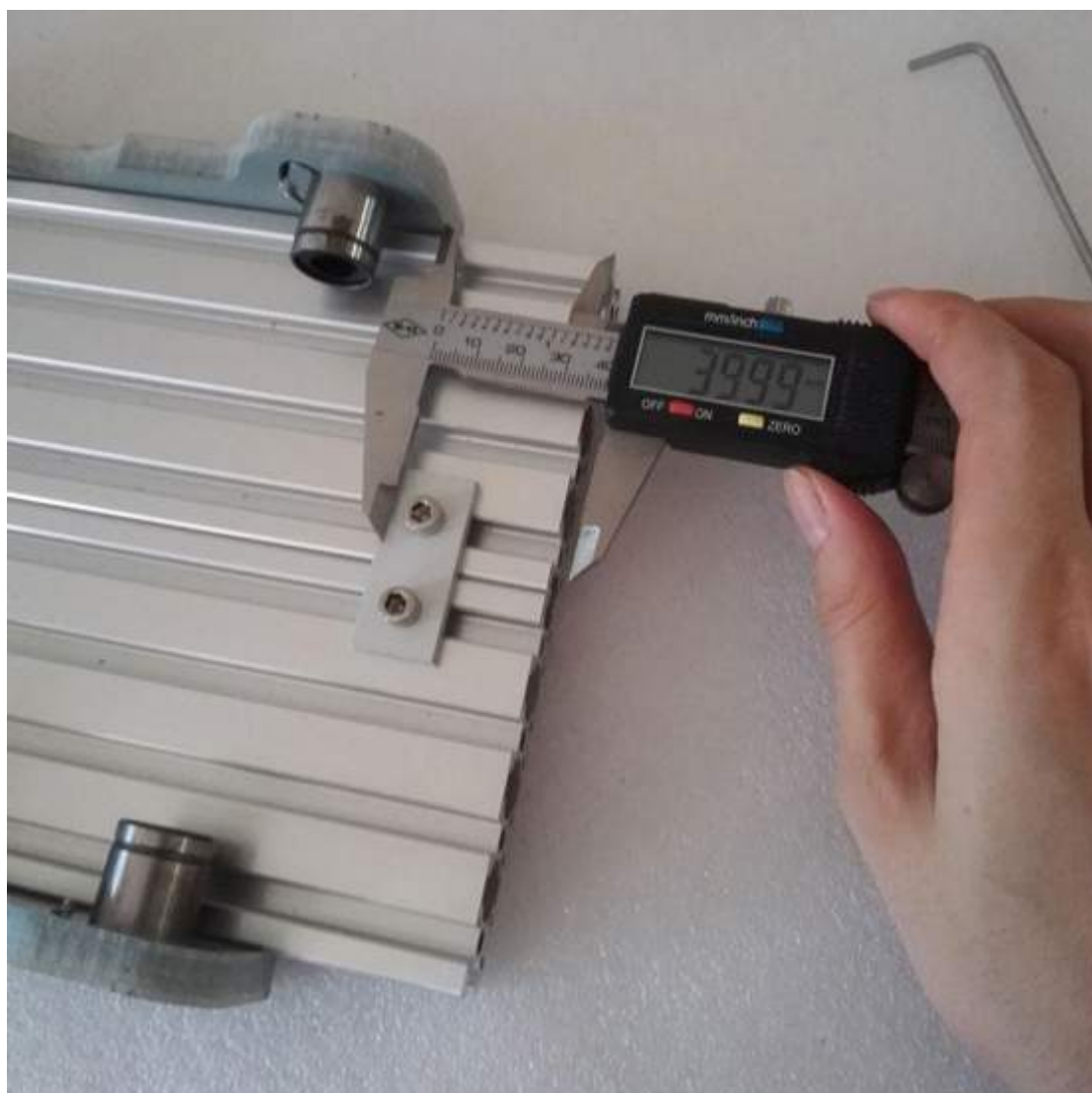
M5X14+T nut /3PCS pre lock

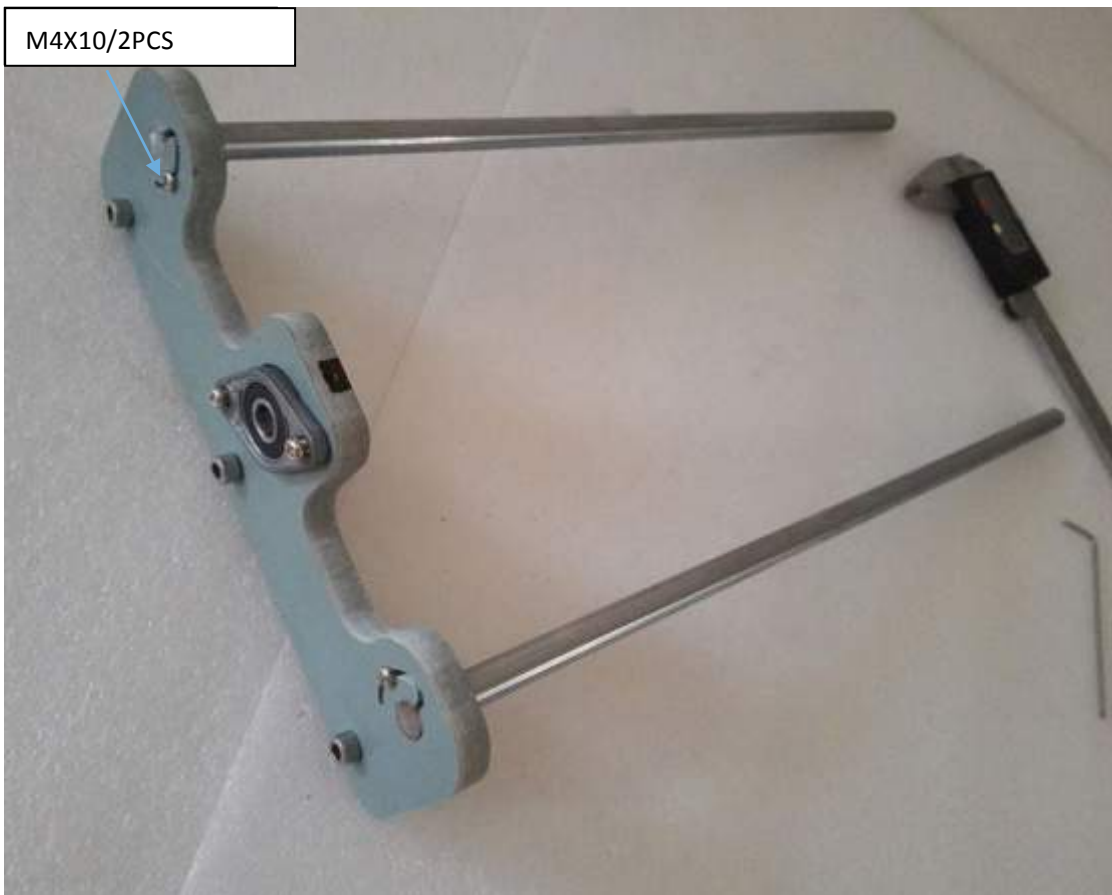


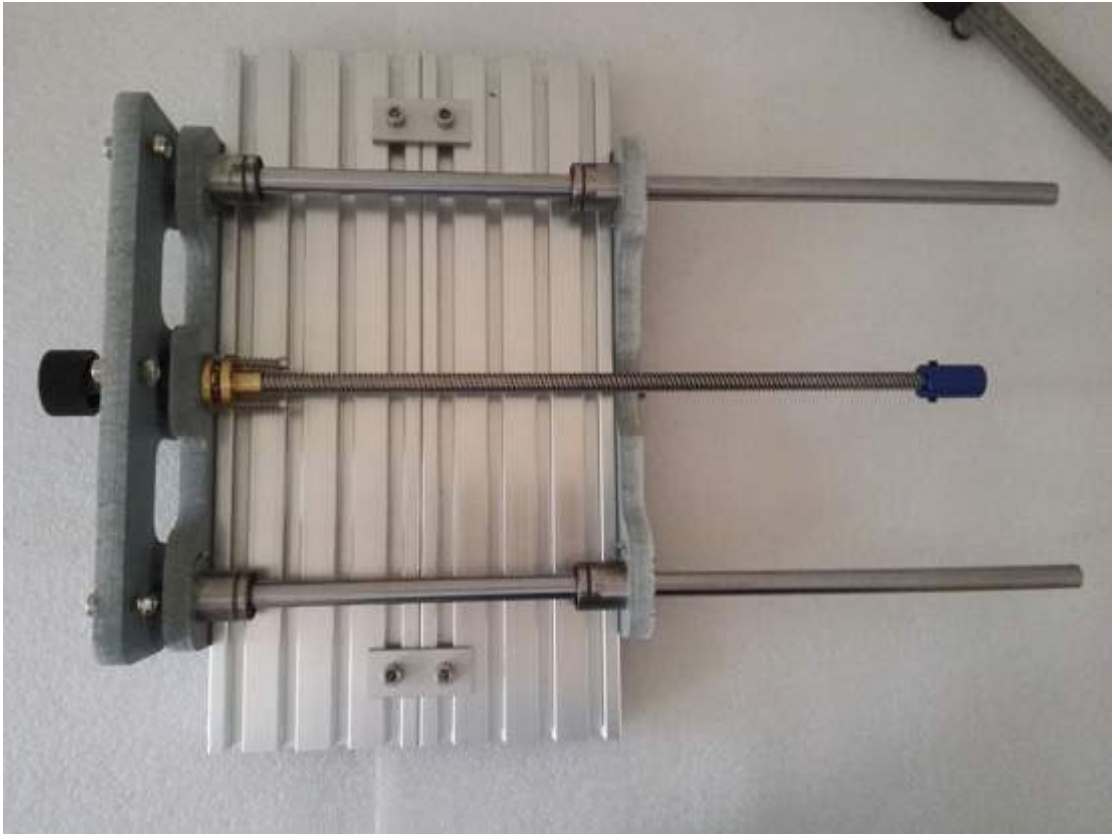
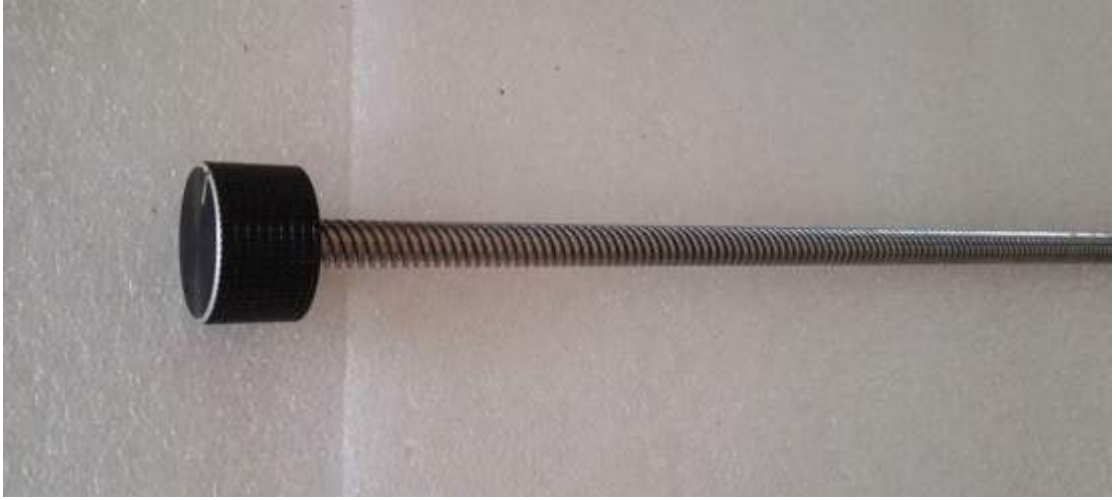
M4X10/2PCS do not lock it, Pay attention to the Pvc board slotted direction









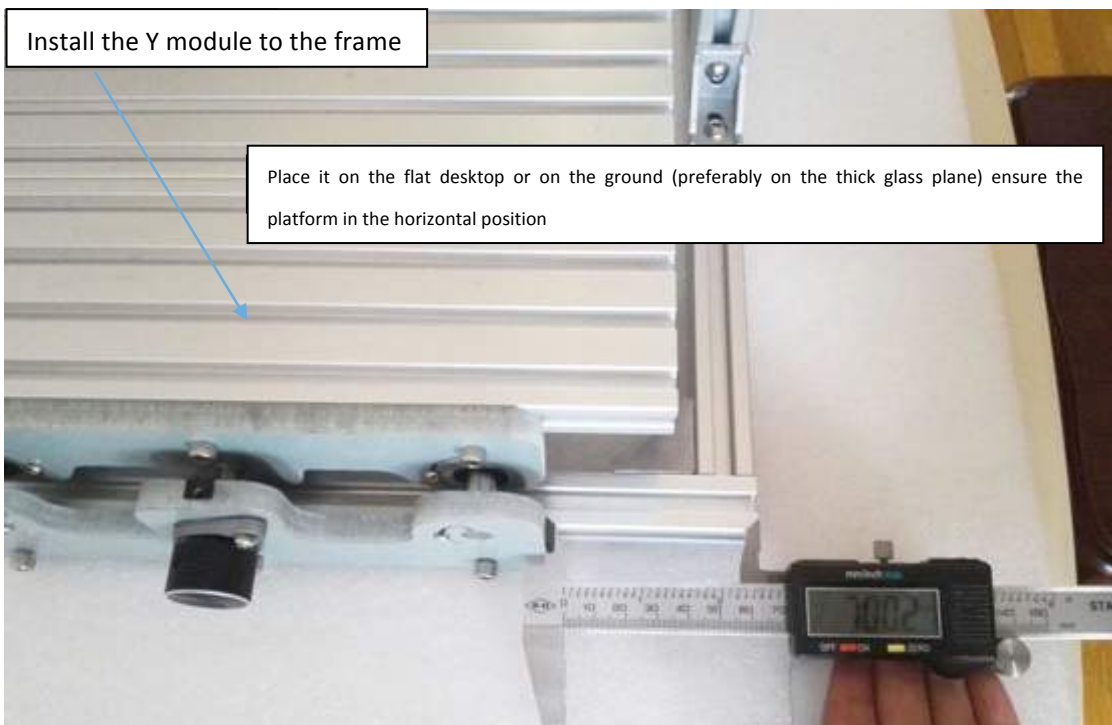




Place the aluminium extruded sections on the flat desktop or on the ground (preferably on the thick glass plane) connected with the aluminum sheet









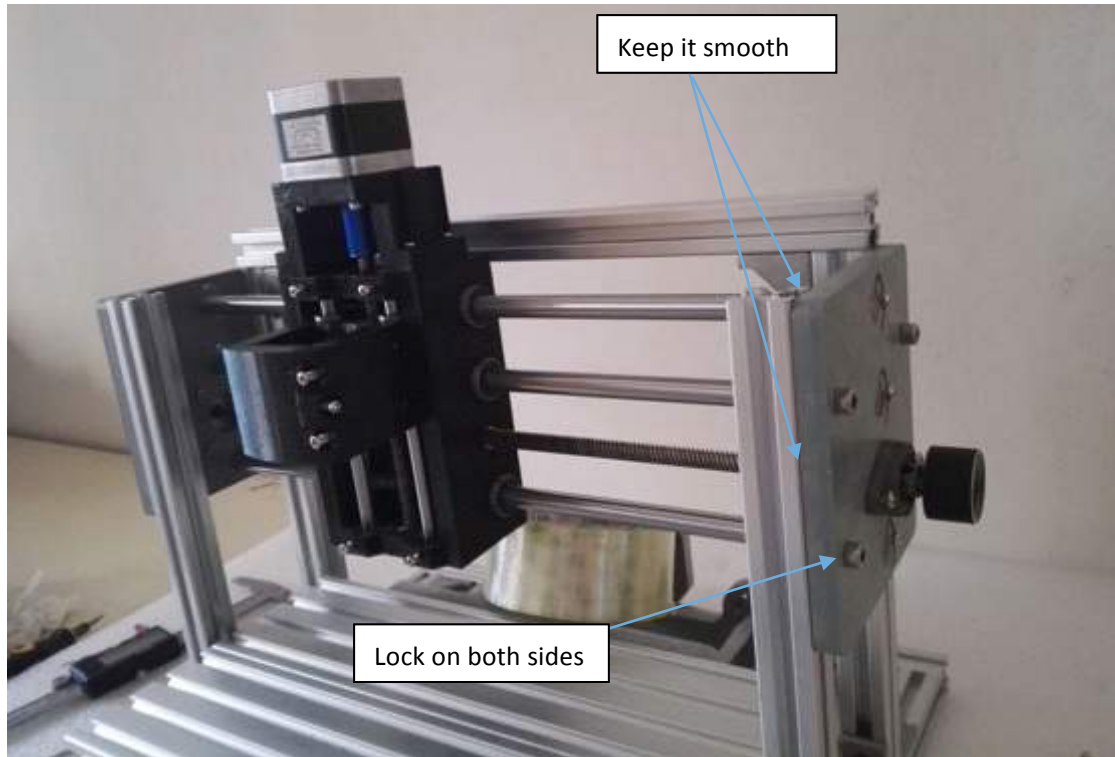


Install the X module to the frame

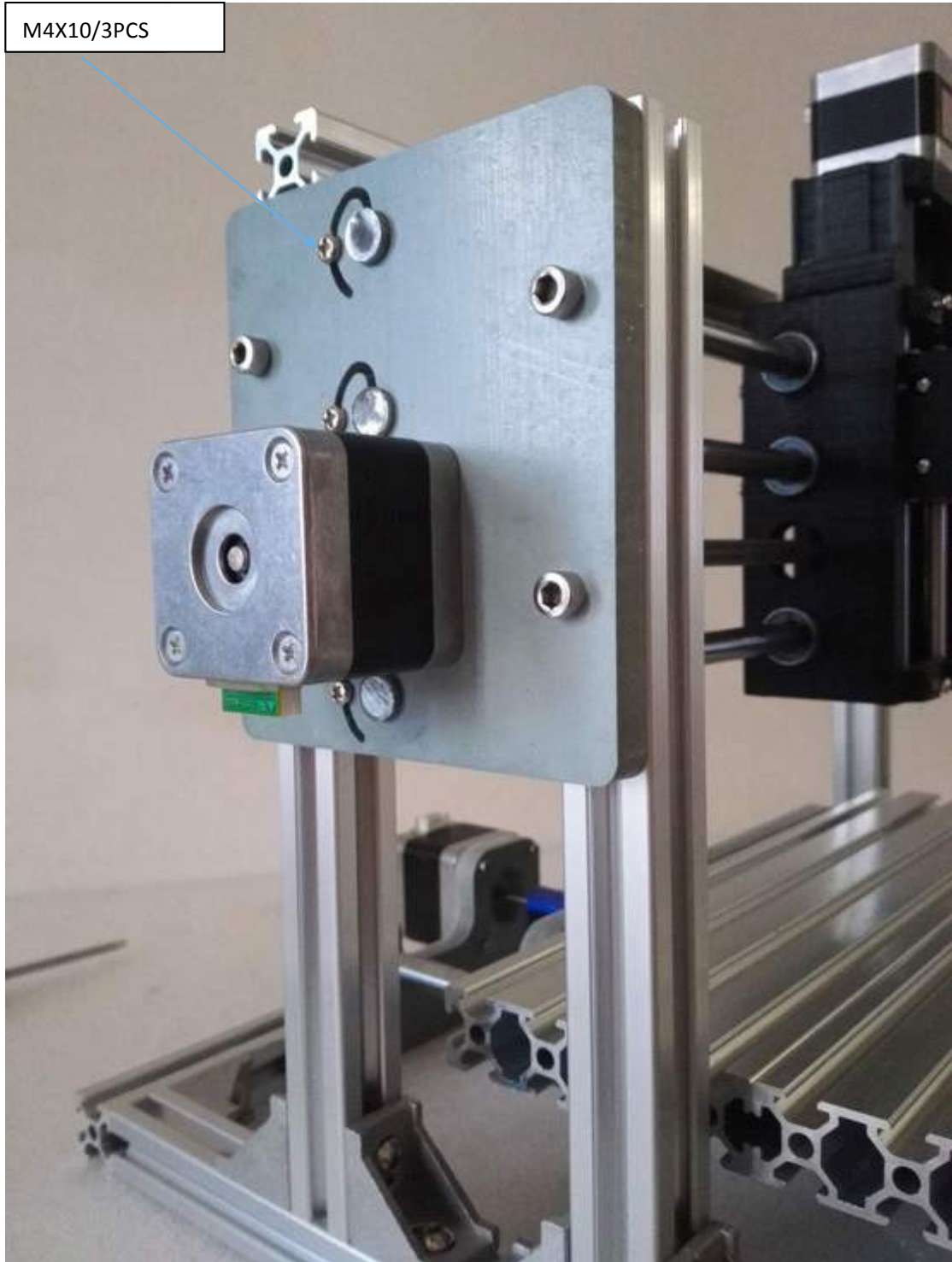


M5X8+T nut, lock the rack beam

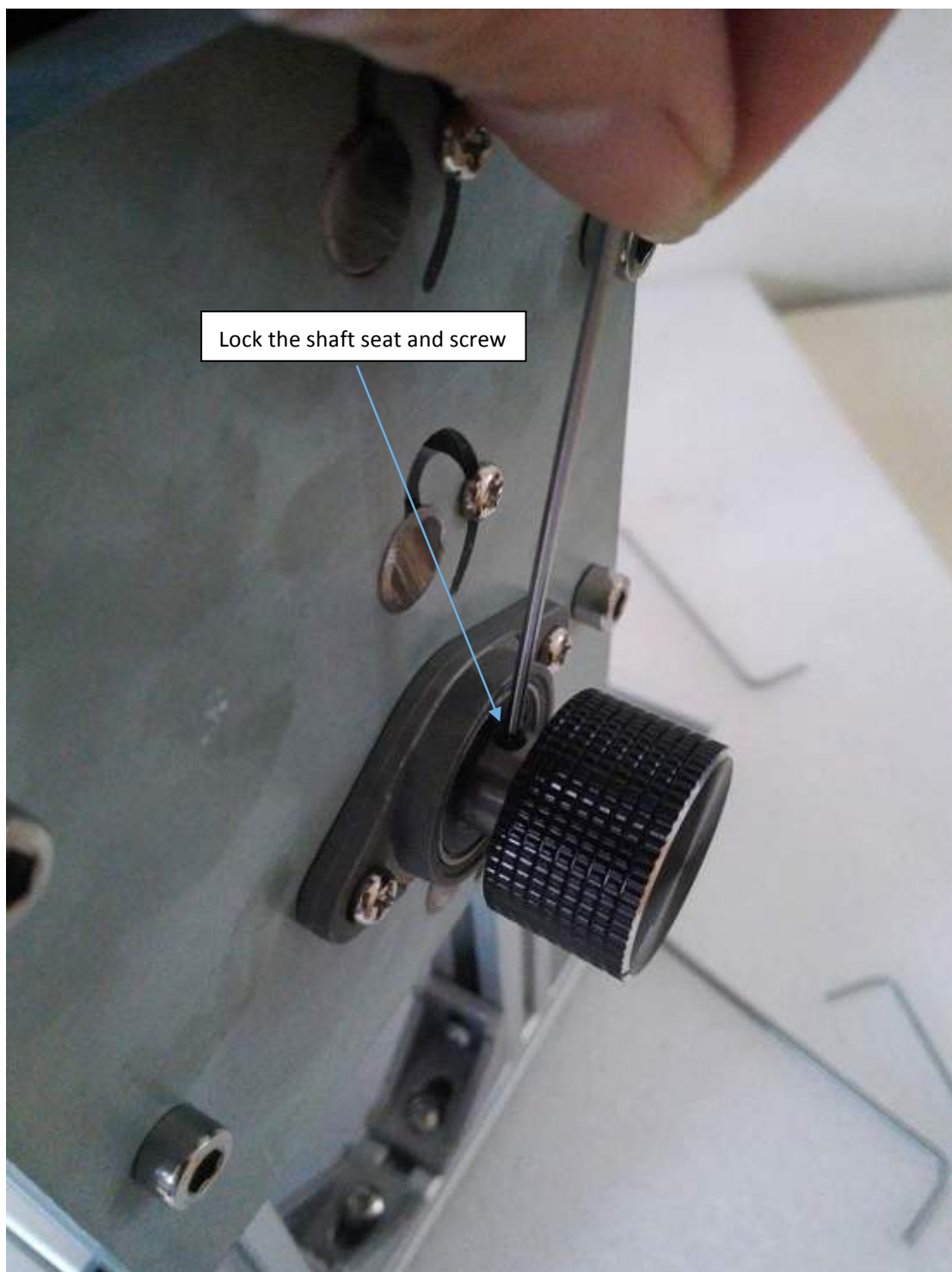




M4X10/3PCS

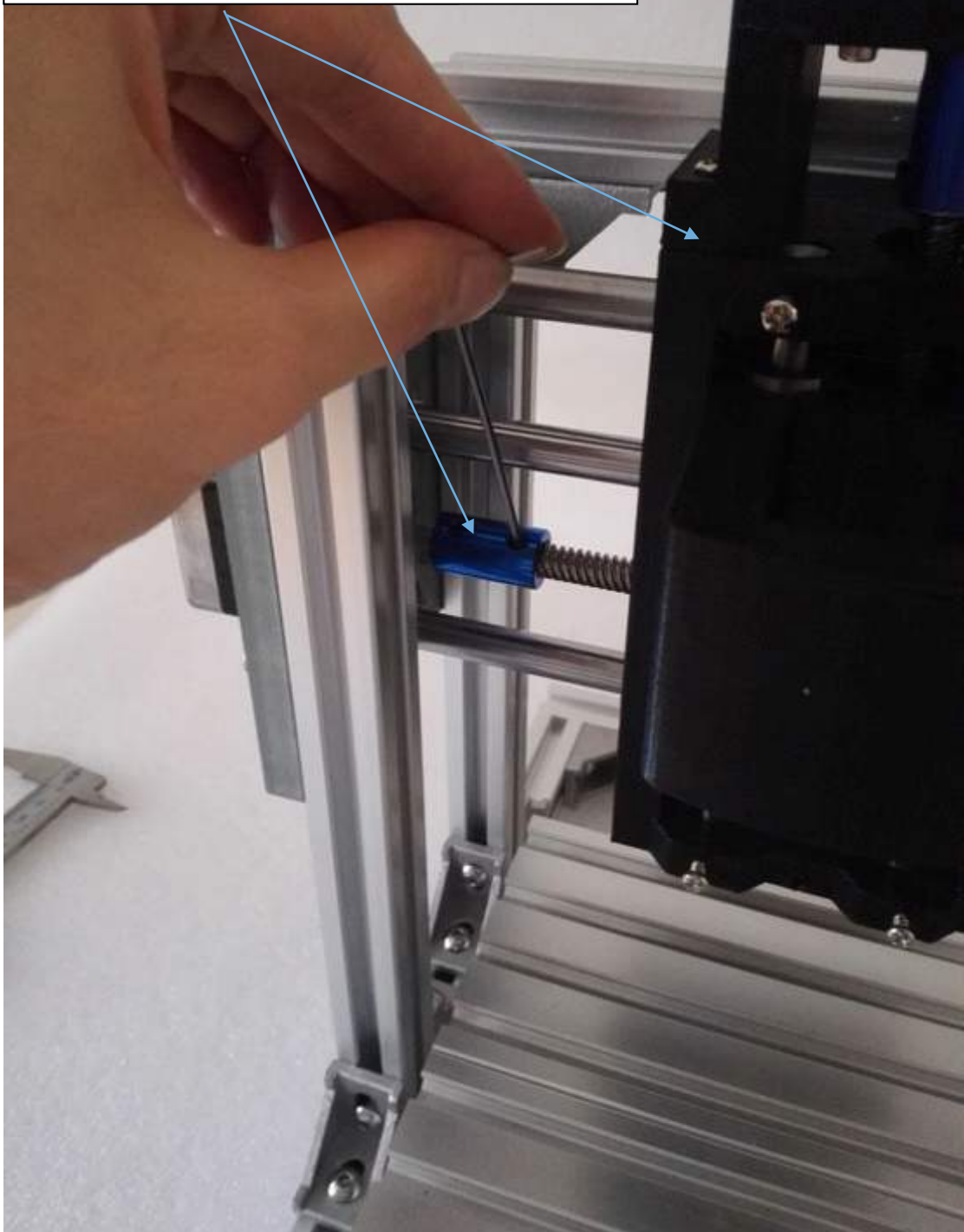


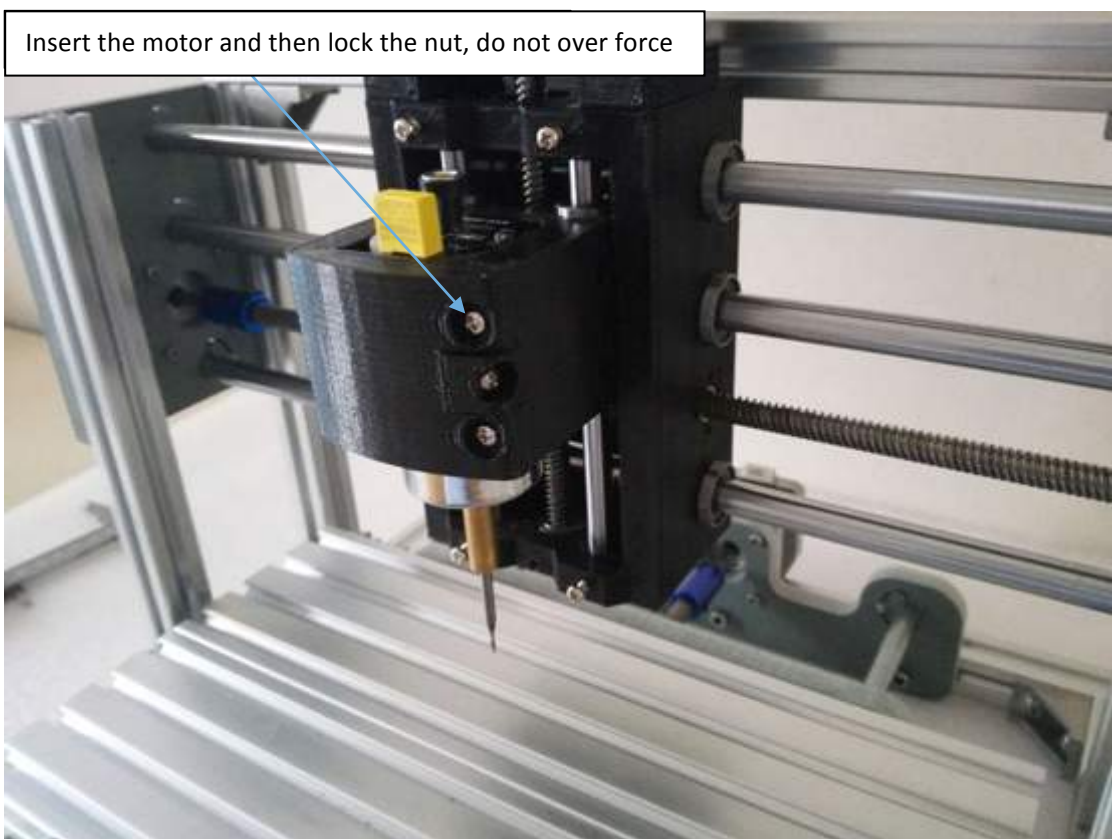




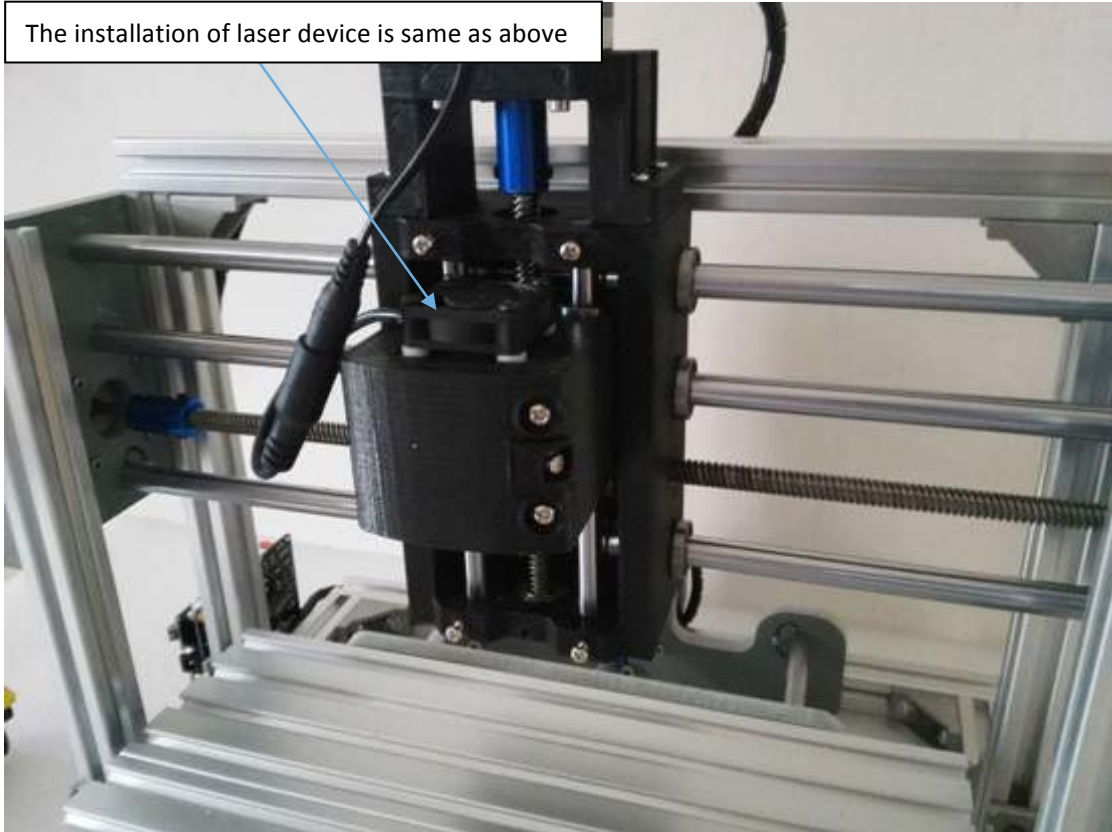
Lock the shaft seat and screw

Move the X module to this place, and then lock the coupling

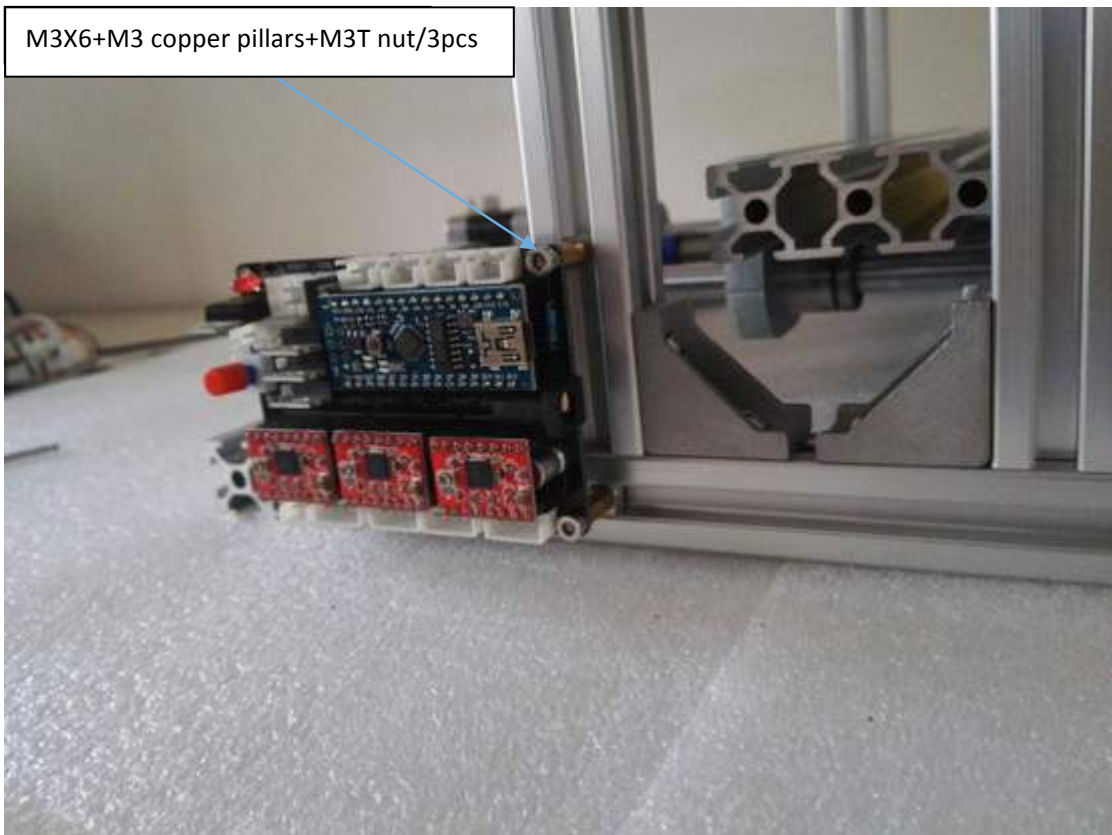




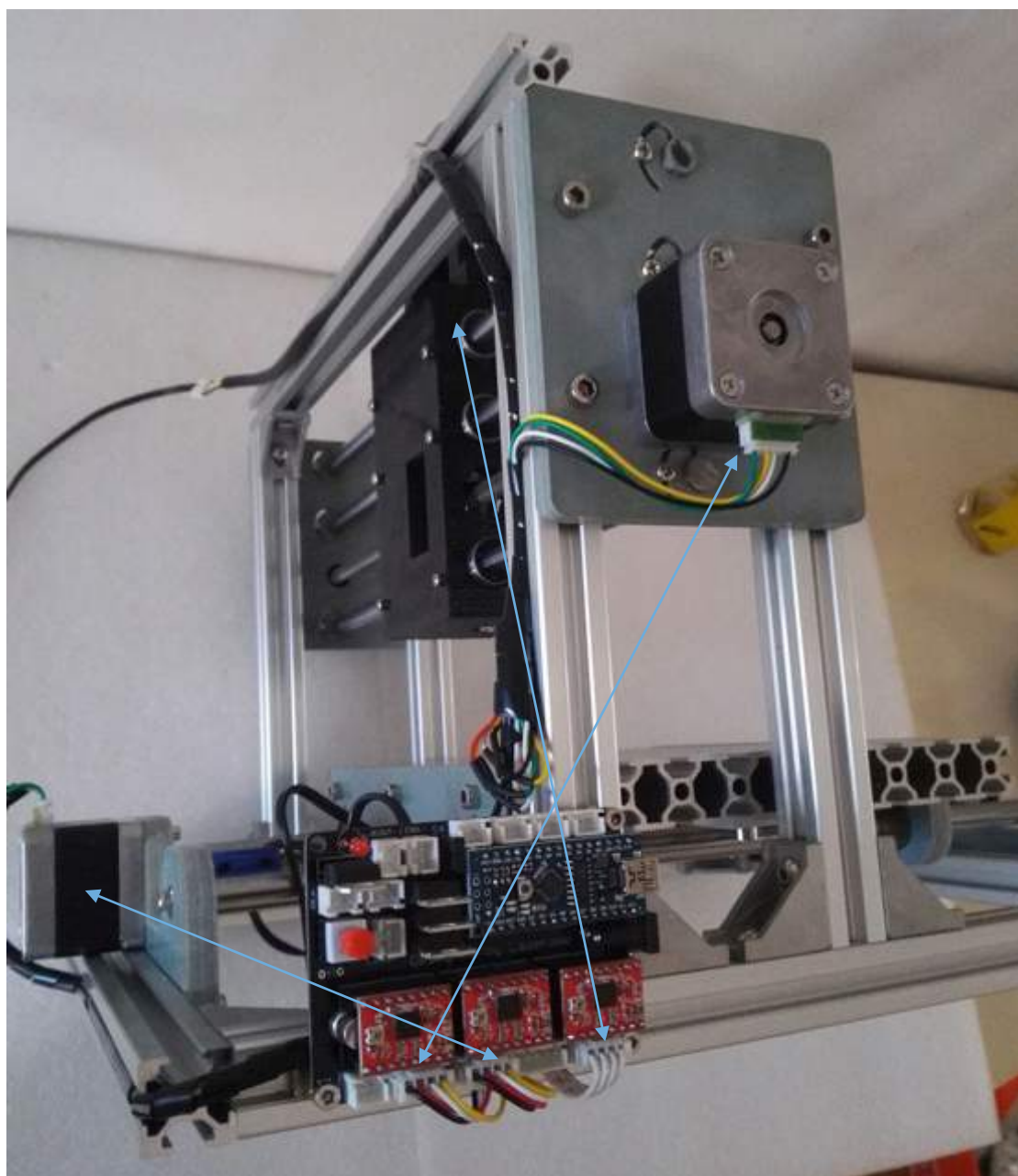
The installation of laser device is same as above

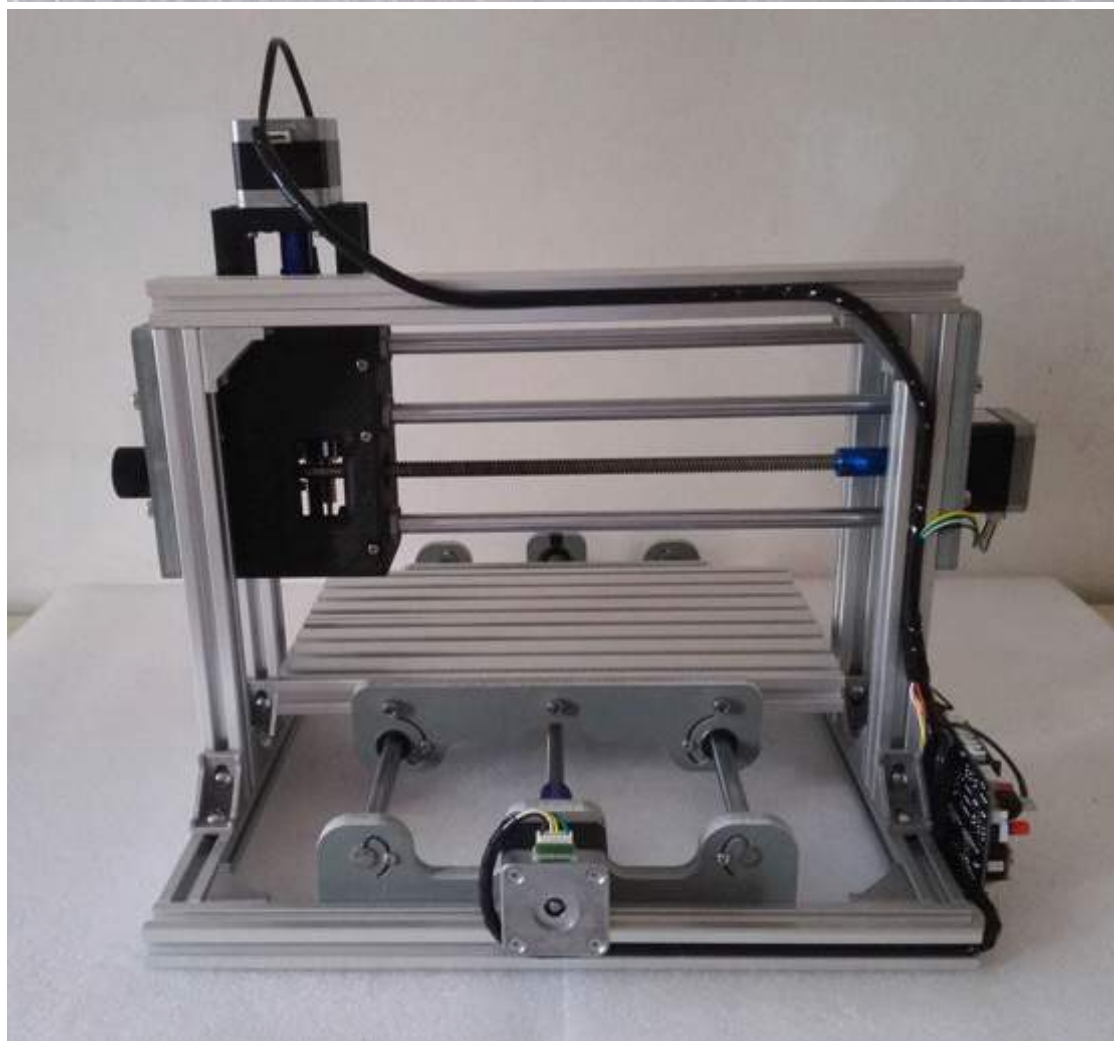
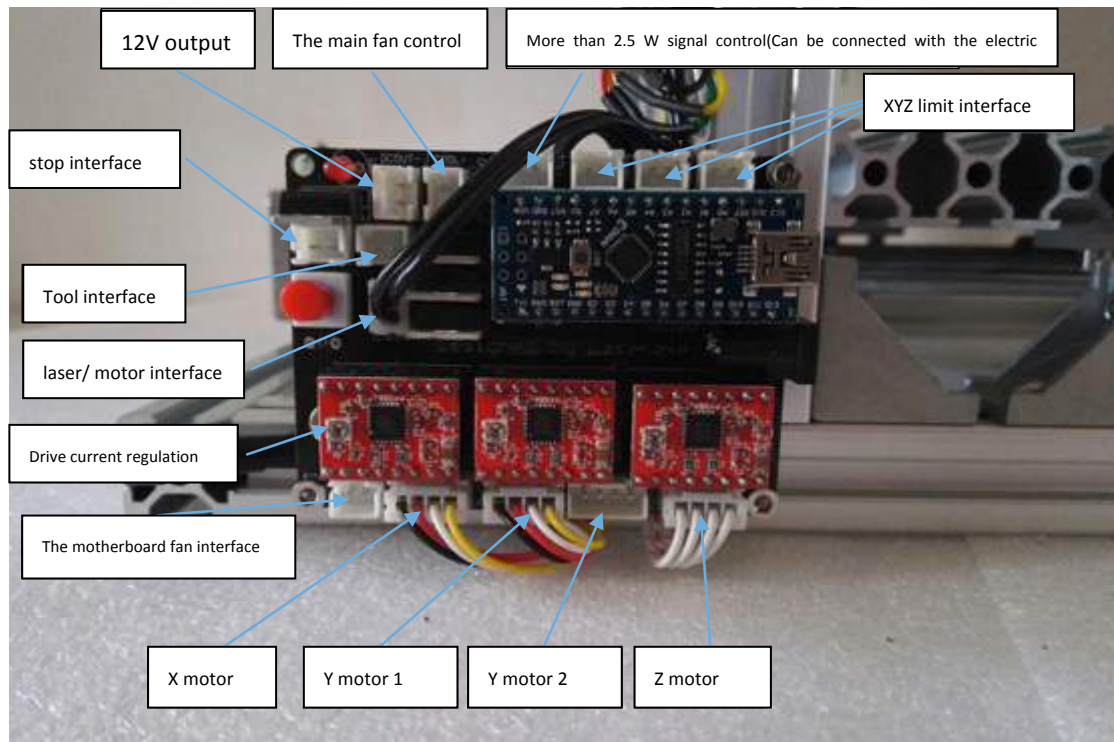


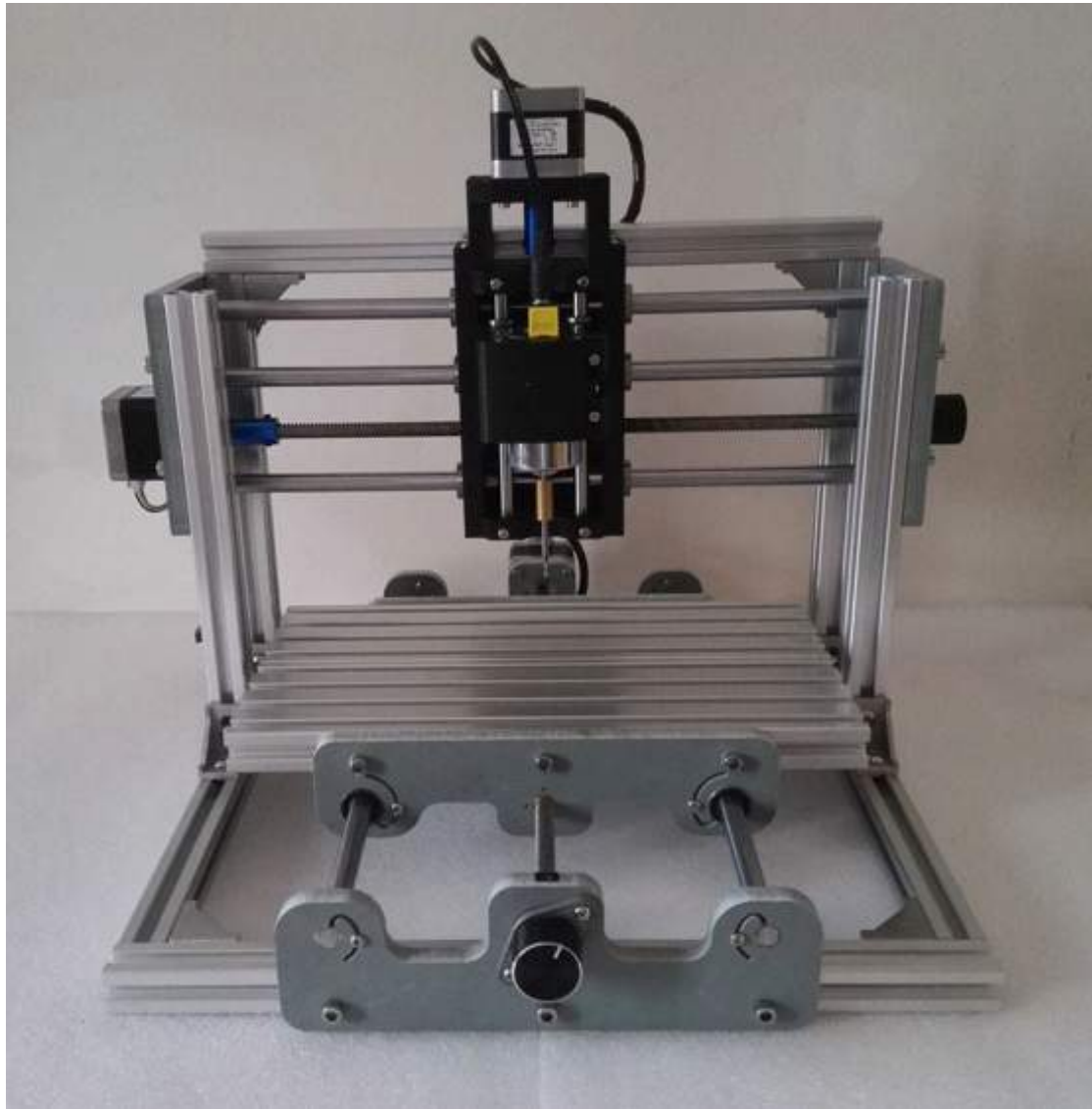
M3X6+M3 copper pillars+M3T nut/3pcs











恭喜完成了雕刻机的安装！

***请在丝杆处加注润滑油！**

*手拧各轴应顺畅，丝杆无明显扭动，否则请松开联轴器进行微调。

*最后检查各螺丝是否有漏锁紧。

*完成后即可通电试机（打开主轴测试电机/激光，移动 XYZ 看方向是否正确，如方向不正确请打开激光软件 CNCC>联机>设置>X/Y/Z 轴反向>保存）。

*激光器使用前需要调焦(手拧激光镜头观察光点，调节至光点最小即可)

*我们免费提供软件和教程需用户自学习使用。

Congratulations on your completion of the installation of engraving machine

***Please add lubricant at the screw**

*Screw all axes should be smooth, the screw shouldn't have twist, otherwise, please loosen the coupling and make adjustments

*At the end, check whether there is leakage of locking screws

*After the completion, you can switched on and test the machine(Turn on the main axle, test motor/laser, move XYZ to see if the direction is correct, if the direction is not correct, please turn on the laser software CNCC>on-line>set up>X/Y/Z reverse shaft>save)

* The laser needs to be focused before use(Screw the laser lens to observe the light spot, adjust to the minimum point)

*We provide software and tutorials for users to learn to use