

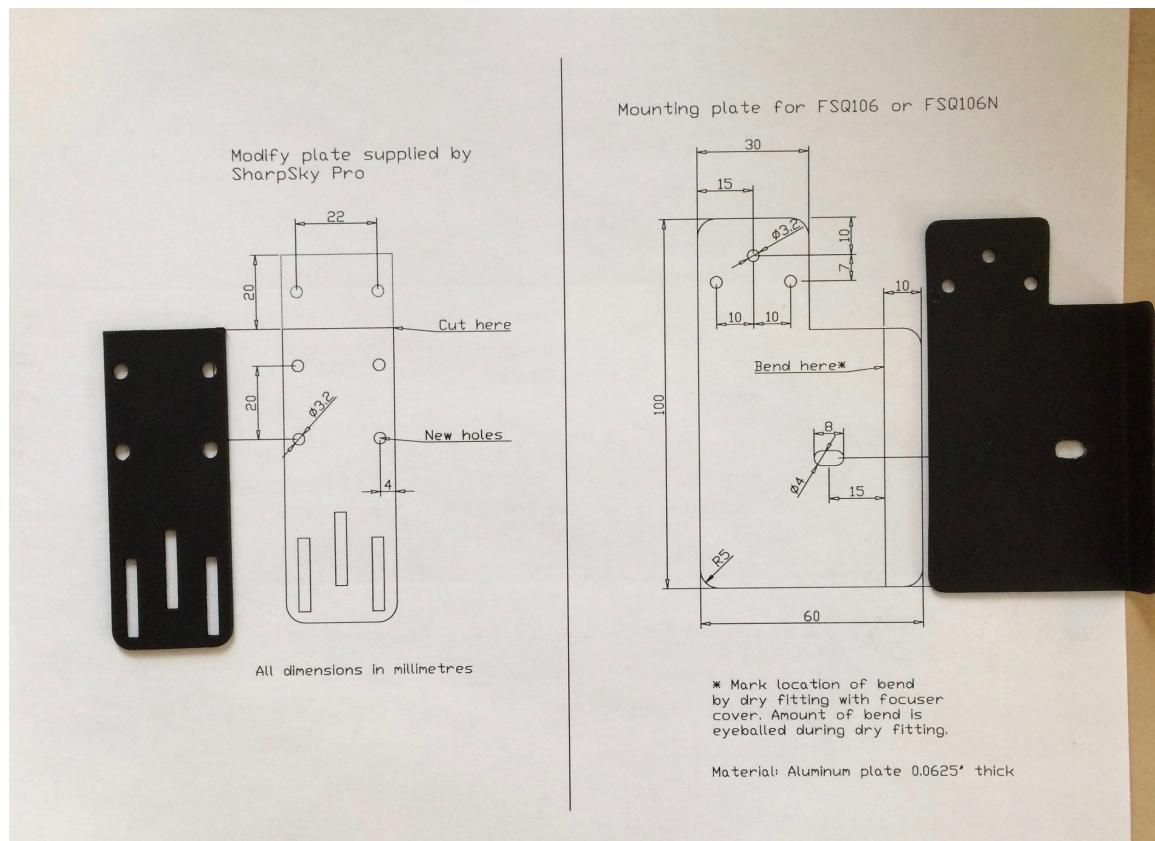
FSQ106 or FSQ106N focuser bracket for SharpSky Pro

C.Y. Tan
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Parts for the bracket



Two parts are required:

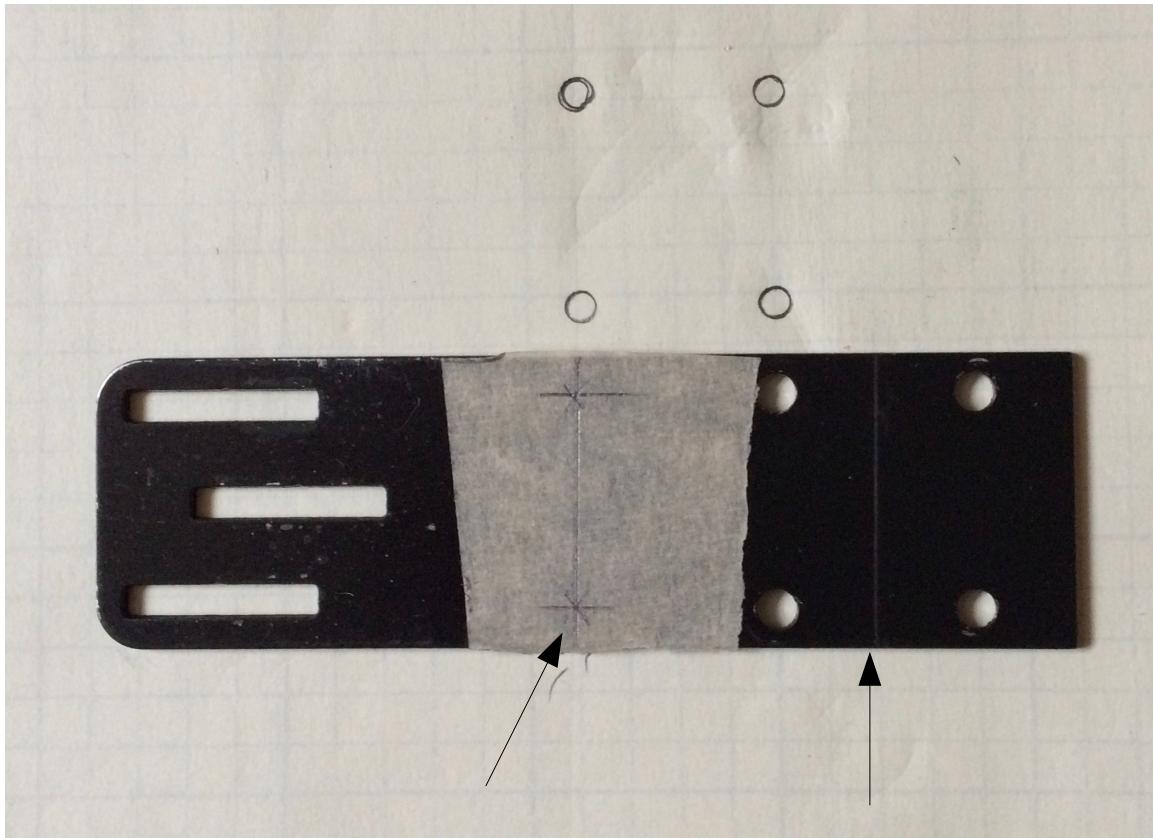
- 1)A modified plate from the SharpSky Pro kit.
- 2)A new plate that is made from 1/16" thick aluminum plate. I will call this the "FSQ106 mounting plate".

Shown here are both plates that I have painted in camouflage black.

The drawings for the bracket can be found at the end of these slides and at this link:

[FSQ106 focuser bracket.](#)

Modifying the SharpSky Pro mounting plate



New holes
drilled here

Cut here

In this design, the motor is mounted closer to the focuser shaft than the where the original mounting holes are. In order to mount the plate closer, I drilled new holes in the plate. And I cut the plate so that nothing sticks outside the motor.

The FSQ106 mounting plate



The FSQ106 mounting plate lip is bent so that it fits on the cover of the focuser. The direction of the bend determines which side the motor can be mounted. I chose the side that is opposite the finderscope.

Final installation



The FSQ106 mounting plate is held on with a M4-0.7 16 mm screw and a washer.



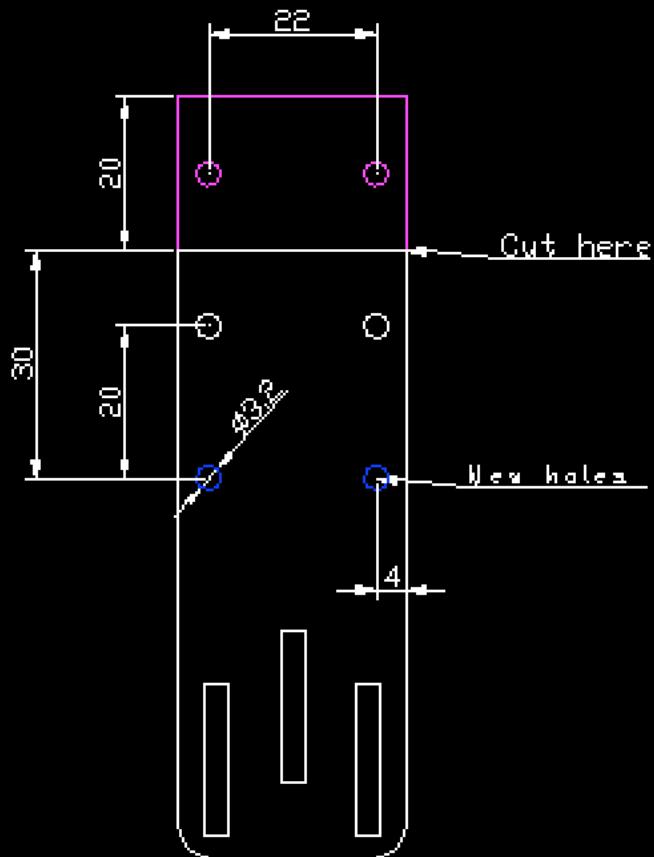
The motor on its mounting plate is attached to the FSQ106 mounting plate with the provided screws from the SharpSky Pro kit.

My SharpSky Pro mounted on my FSQ106

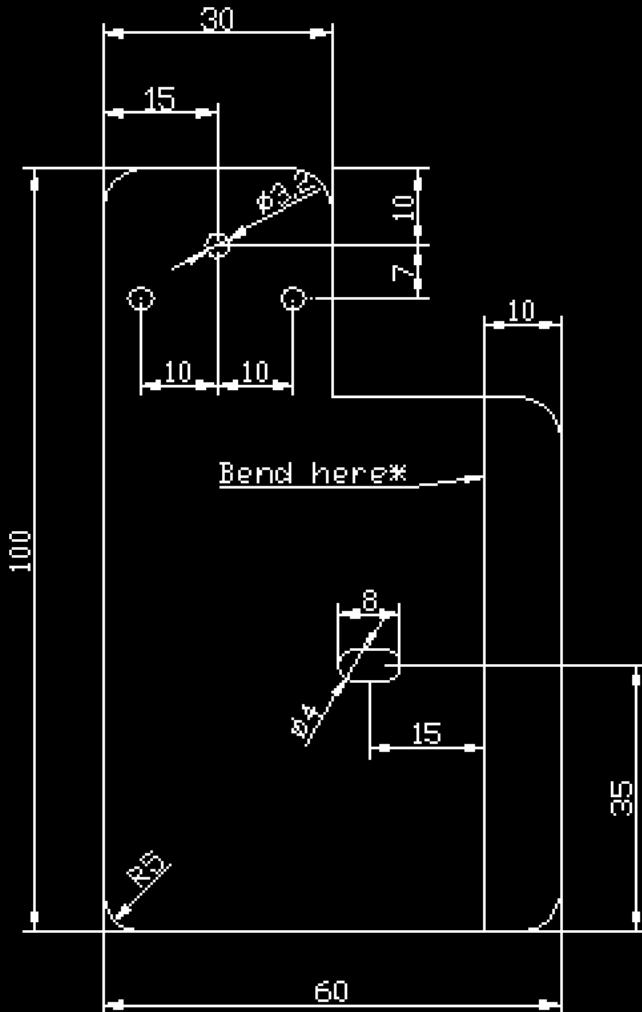


Mounting plate for FSQ106 or FSQ106N

Modify plate supplied by
SharpSky Pro



All dimensions in millimetres



* Mark location of bend
by dry fitting with focuser
cover. Amount of bend is
eyeballed during dry fitting.

Material: Aluminum plate 0.0625" thick