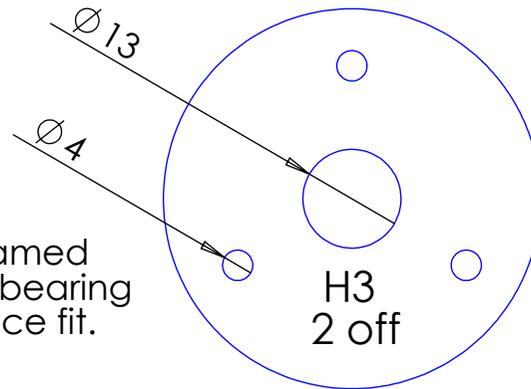
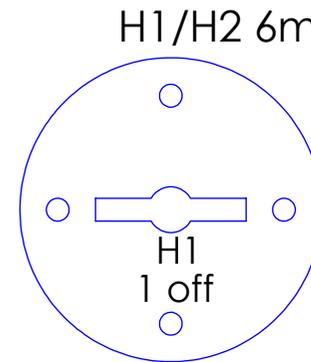


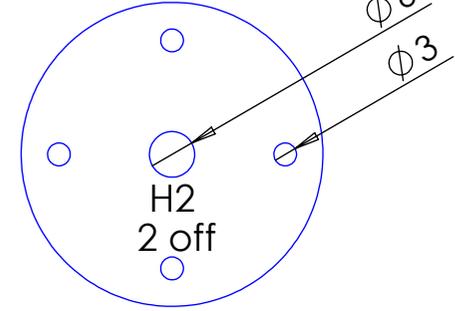
13mm hole reamed so that flange bearing is an interference fit.



H3 4mm Birch Ply



H1/H2 6mm Birch Ply



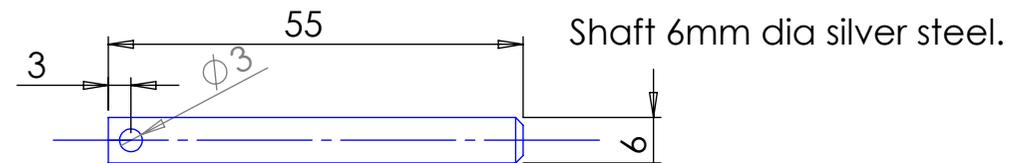
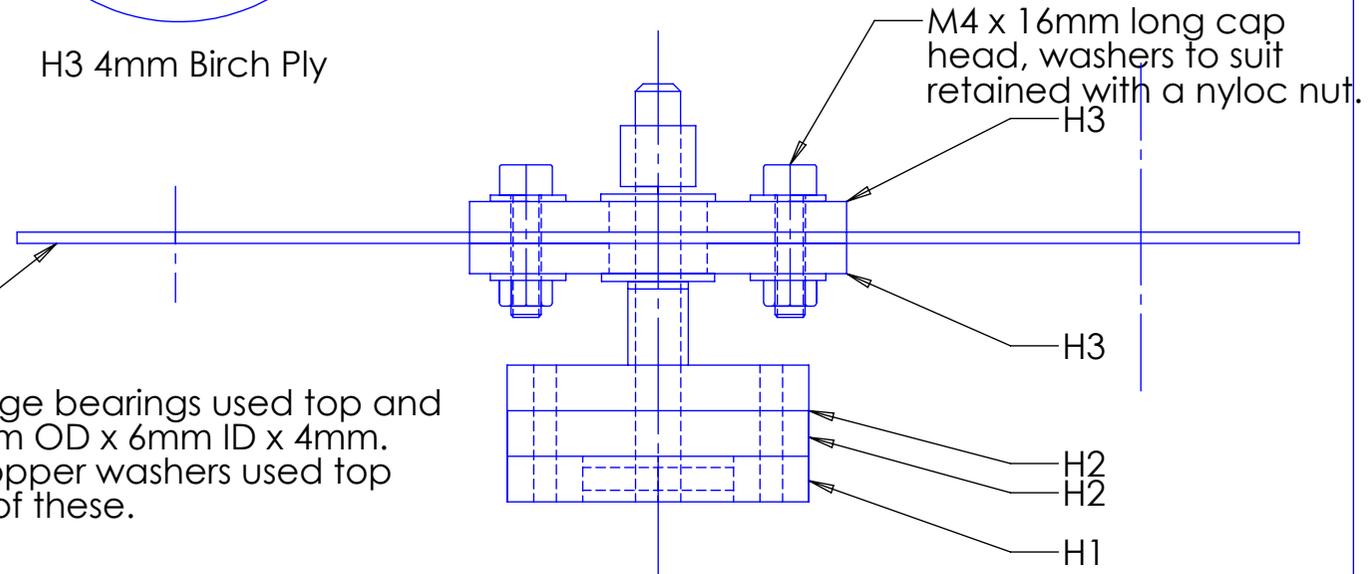
H2 2 off

1.5mm thick FG triangular rotor blade mounting plate.

Assembly

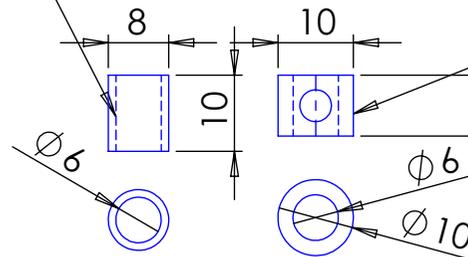
Bearings are pressed into the two H3's and these are sandwiched between the triangular FG sheet leaving the cap heads loose. 6mm shaft is inserted into the bearings as an alignment tool and the cap heads are then tightened. The shaft can now be removed.
 The lower mounting discs are clamped together using the shaft for alignment and epoxied together double checking the alignment of the four 4mm mounting bolt holes. A 20mm long piece of 10G piano wire or a cut off M3 bolt is inserted into the hole at the bottom of the shaft. The shaft is then pressed from underneath upwards until the location peg locates into the slot in H1. CA is run in and the location peg.
 The brass tube/spacer is then slid onto the shaft from above and a copper glow plug washer on top of this. Next the assembled triangular plate assembly is slid onto the shaft followed by another copper washer.
 Finally the collet is slid on and pushed until all free play in the tri.plate has been eliminated up and down tightening the two M4 grub screws against the shaft.
 Once happy the plate spins freely remove one of the grub screws and drill a small indentation through the collar into the shaft and replace the grub screw. This is then done with the second grub screw. The Genesis head is now ready for fitment and use.

Miniature flange bearings used top and bottom. 13mm OD x 6mm ID x 4mm. Glow plug copper washers used top and bottom of these.



Shaft 6mm dia silver steel.

Brass tube



BDS steel collar with 2 M4 grub screws at 90 degree angles to each other. When position correctly shaft can be indentated for their location.