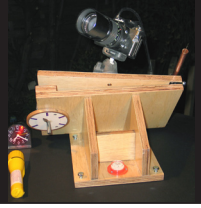
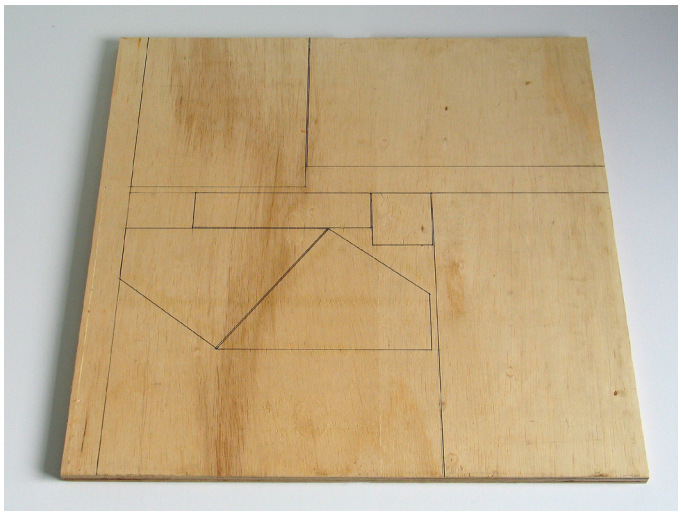


# How to...

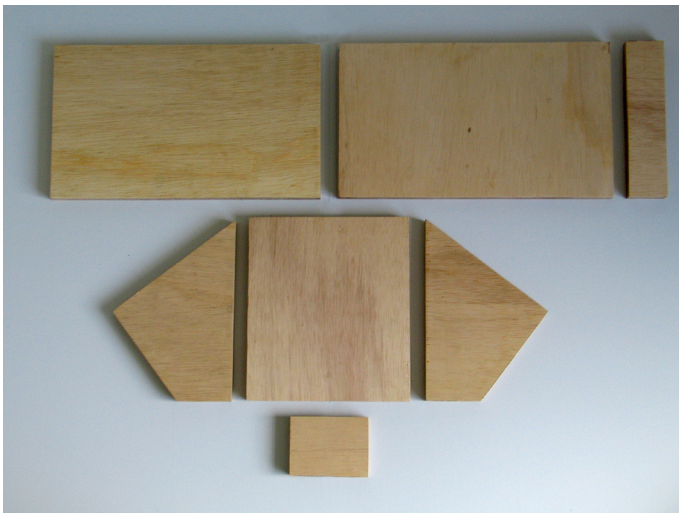
MAKE A SCOTCH MOUNT

# Images extra

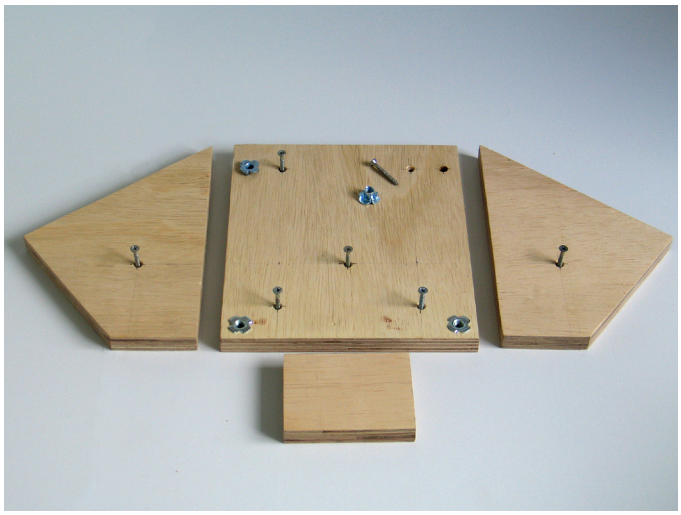

Assemble the tools you'll need before you start constructing



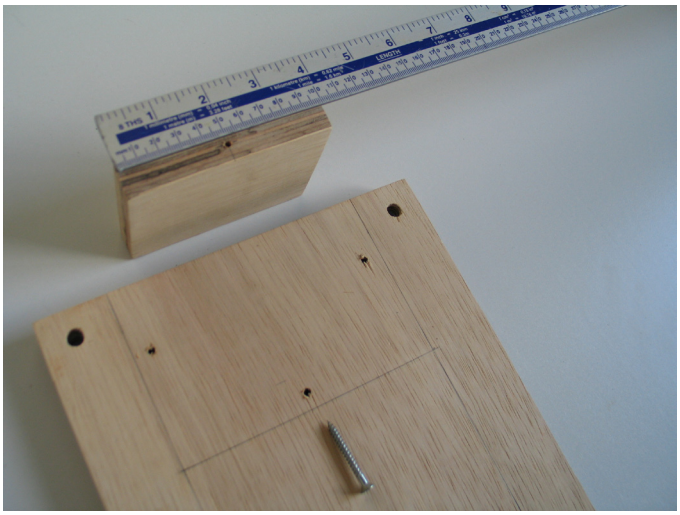
Step 1: Mark out and cut the parts from 18mm plywood



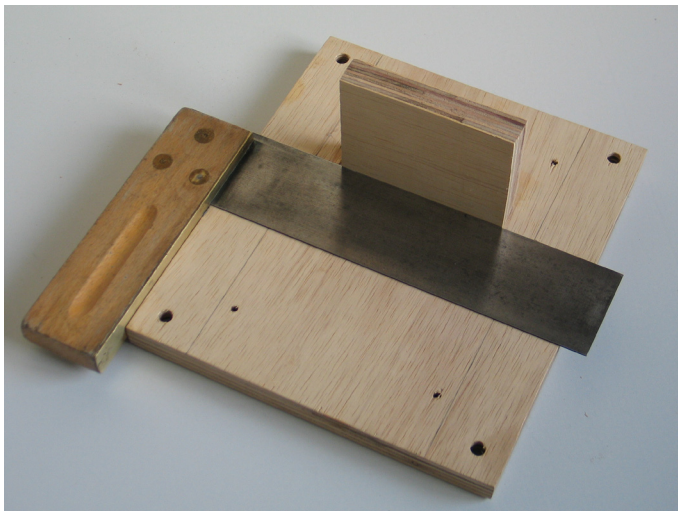
Step 1: This will give you the base and the 'barn doors'



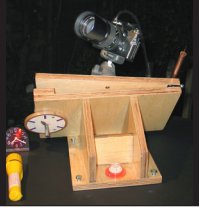
Step 1: Drill and assemble with no.8 x 40mm screws



Step 1: Drill pilot holes in the parts to be screwed into

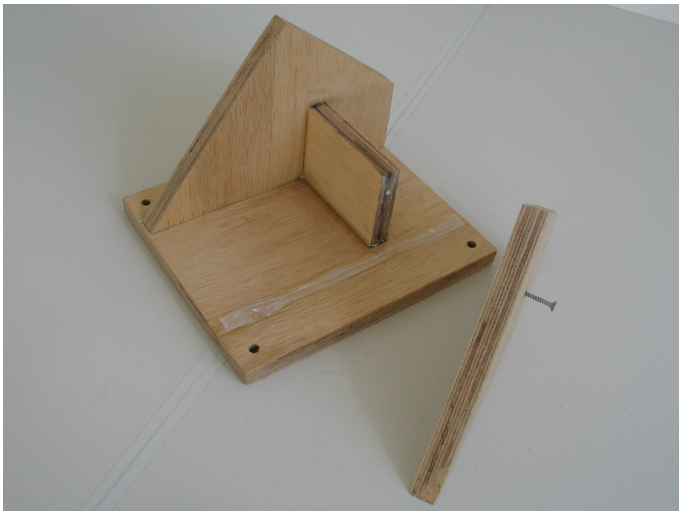


Step 1: Use a set square to make sure all pieces are straight

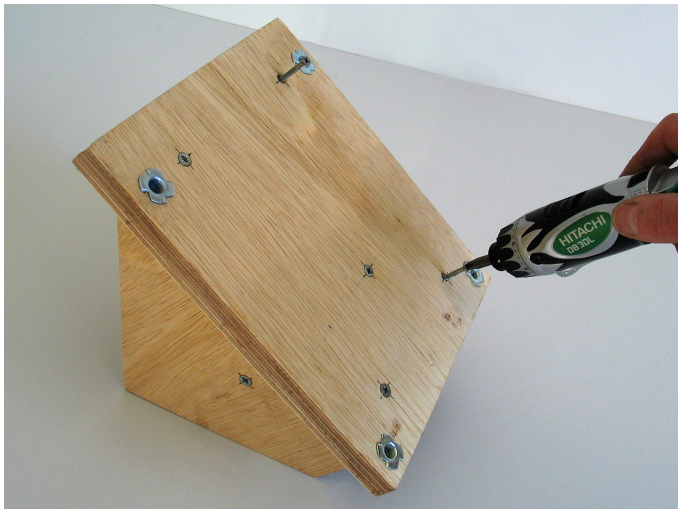


# How to...

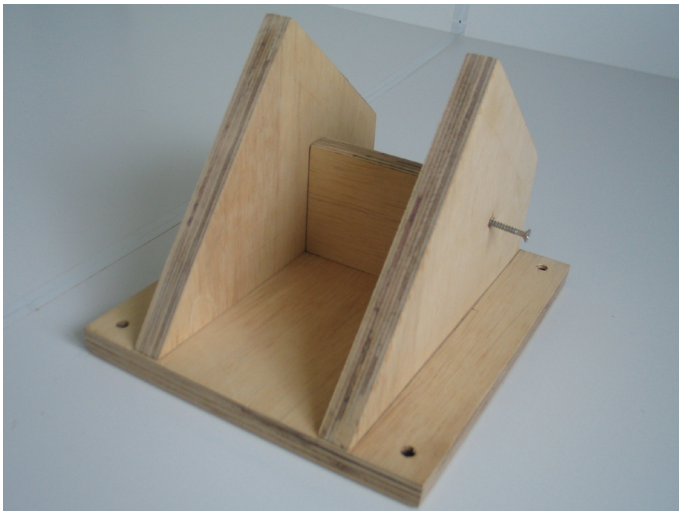
## MAKE A SCOTCH MOUNT



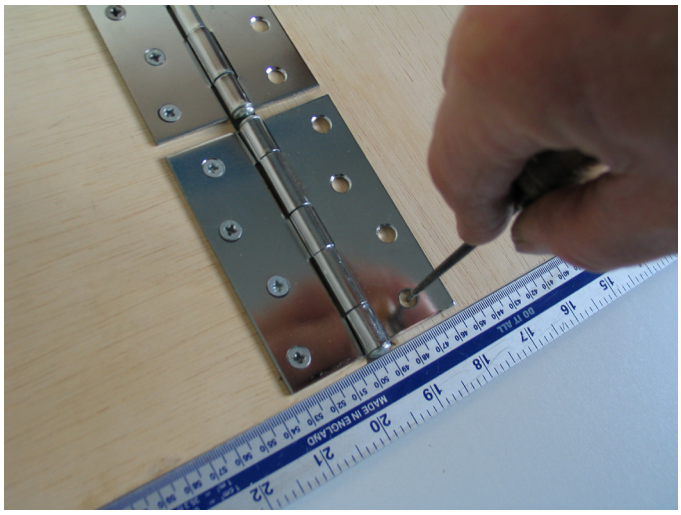
Step 1: As well as screws, use wood glue for a solid joint



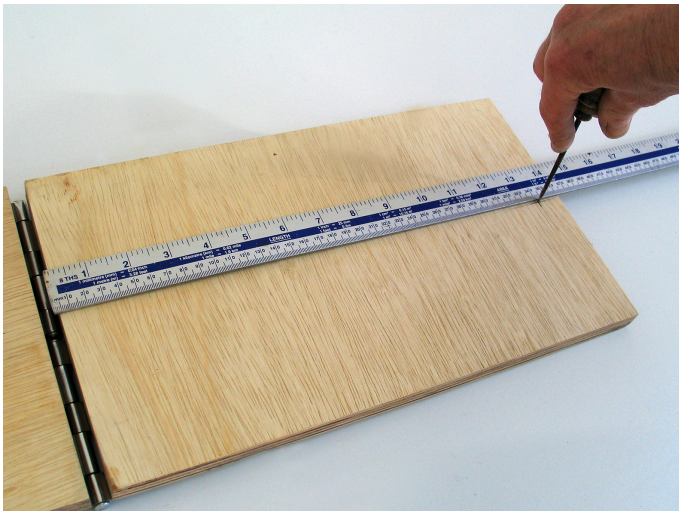

Step 1: Push captive nuts into the corner holes



Step 1: When finished, the base should look like this

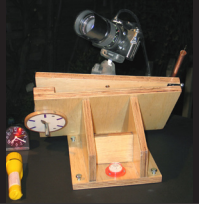


Step 2: Use a bradawl to make pilot holes for the hinges



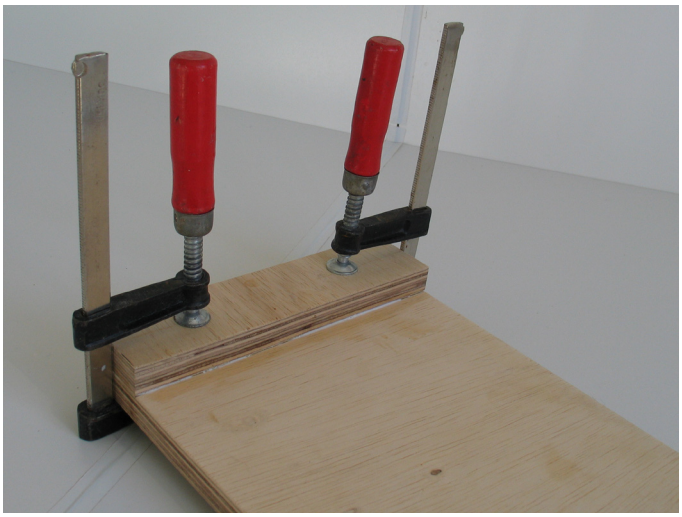
Step 2: Mark the centre of the studding hole and drill

Step 2: Glue on the turning mechanism's spacer

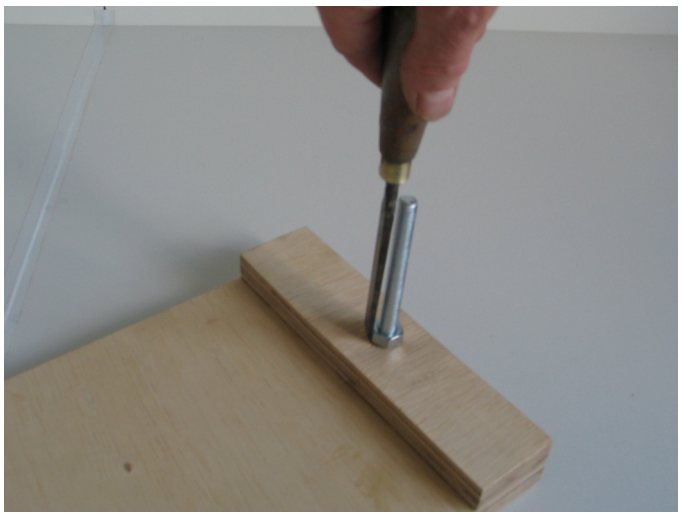


# How to...

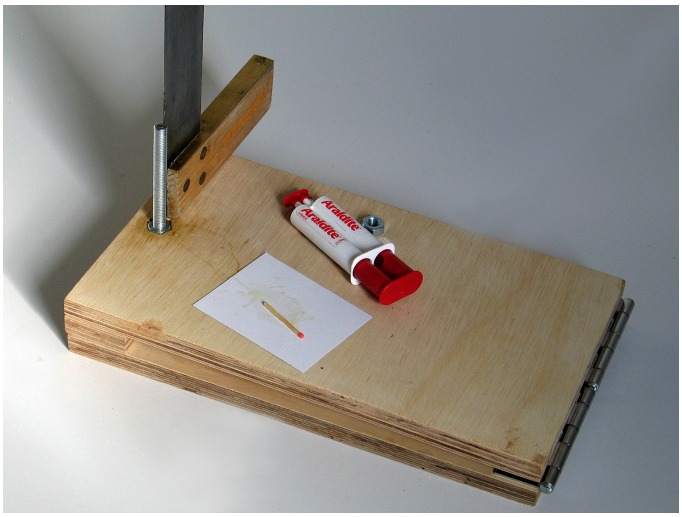
## MAKE A SCOTCH MOUNT



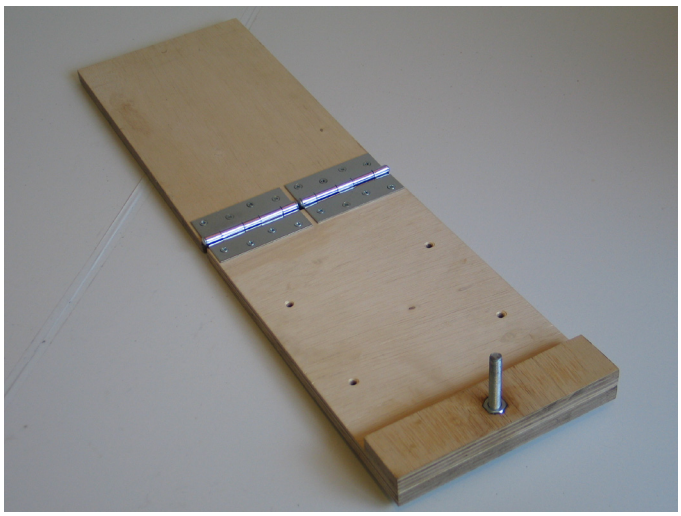
Step 2: Leave clamped for 24 hours for a really solid fix



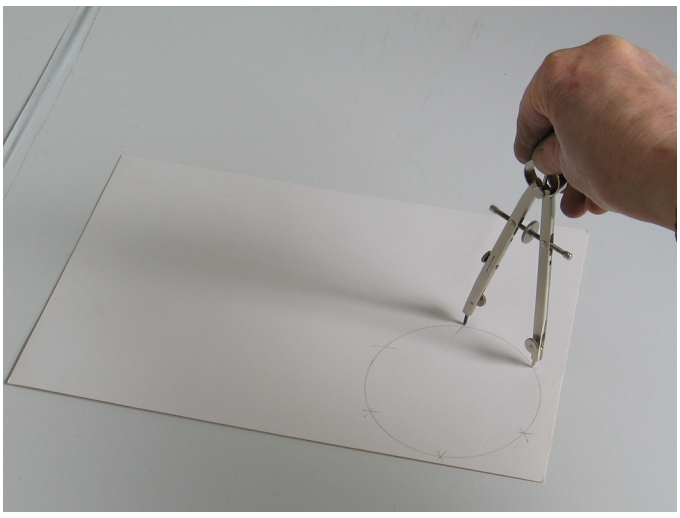
Step 3: Mark the profile of the M10 nut with a chisel



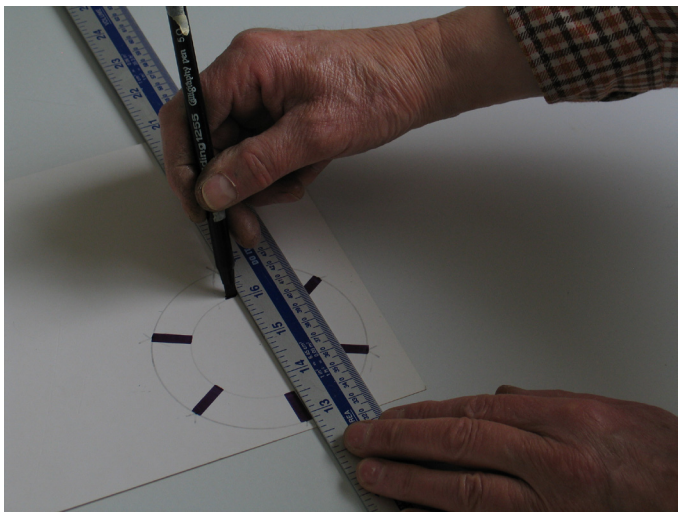

Step 3: Cut a hole for the nut and glue it in place



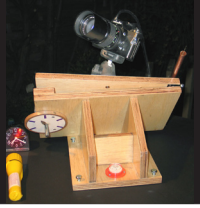
Step 3: The studding screws through nuts on both sides



Step 4: Make a 'timer' with a radius of 50mm out of card

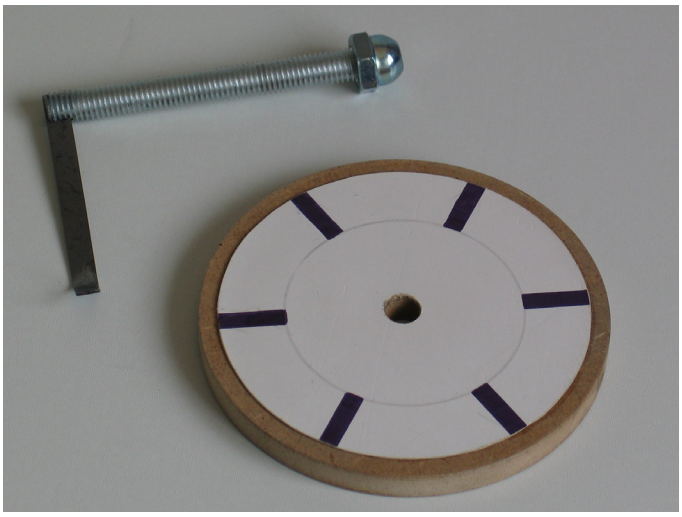


Step 4: Mark 10-second intervals on the timer with a pen

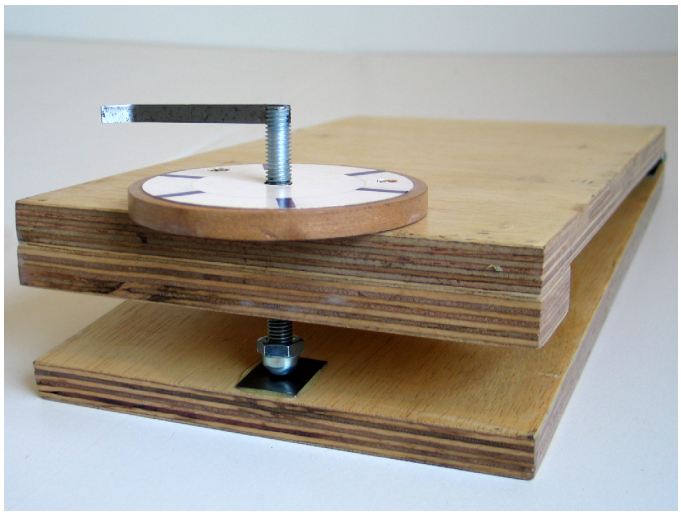


# How to...

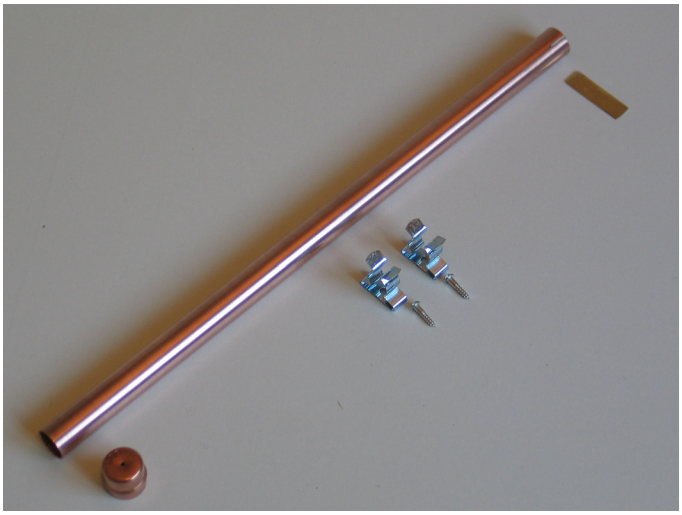
## MAKE A SCOTCH MOUNT



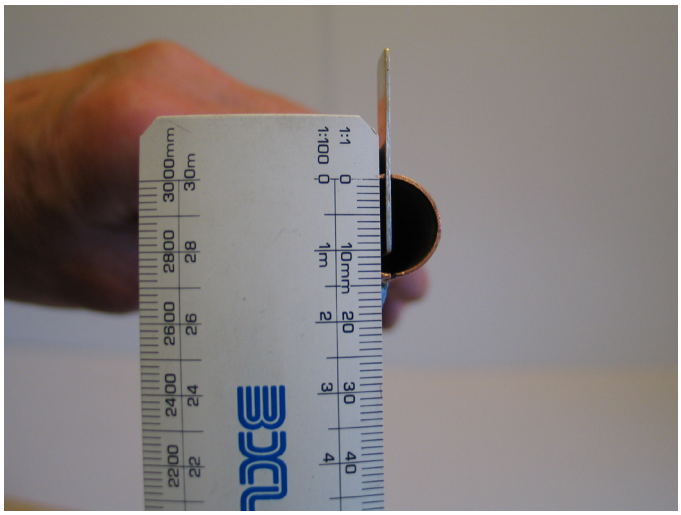
Step 4: The turning mechanism's driver screw and timer



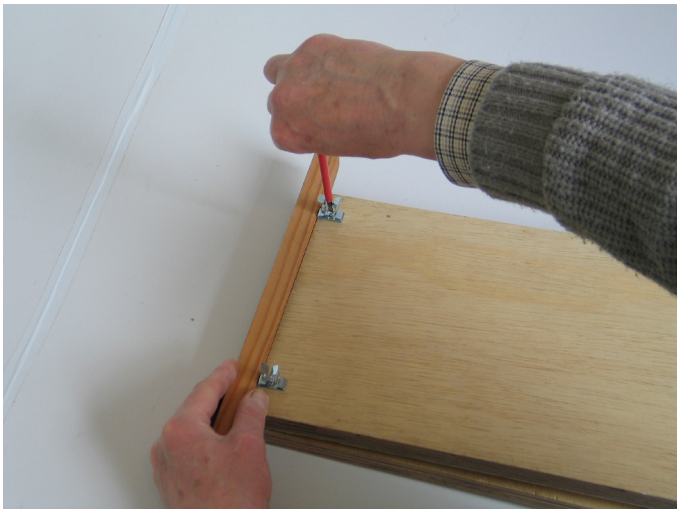
Step 4: Screw the timer on to the back of the barn doors



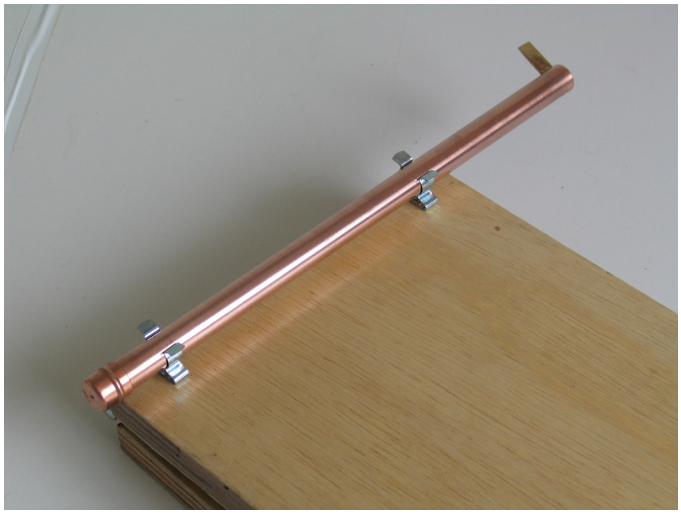
Step 5: The materials needed for making the polar finder



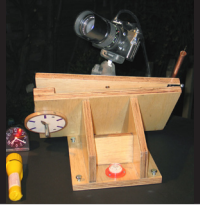
Step 5: Make sure the flag on the finder is well measured



Step 5: Screw the tool clips on the front of the barn doors

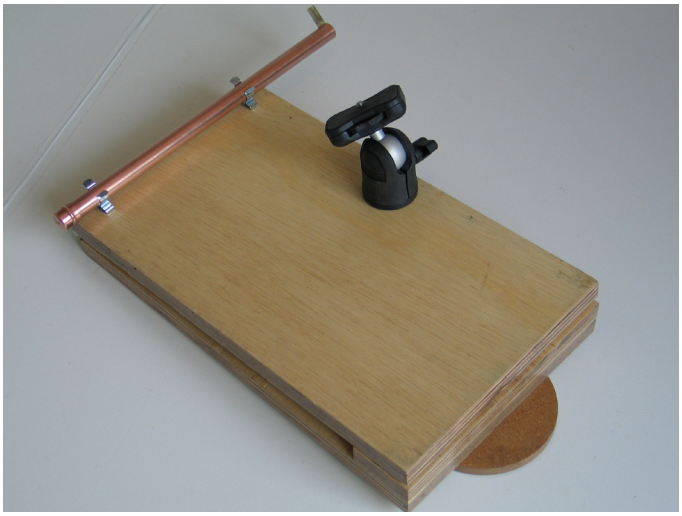


Step 5: The finished finder helps you to align the mount



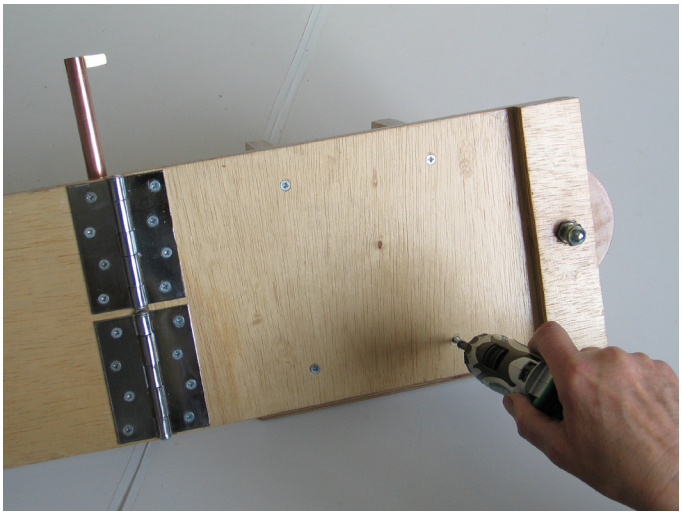
# How to...

## MAKE A SCOTCH MOUNT



Step 6: Screw the camera head on the front of the barn doors

Step 6: A bubble level will help you level your mount



Step 6: After varnishing, screw the barn doors on the base

Step 6: Finish by adding a small tensioning spring

The completed mount will allow you to track the sky

The mount was used to take 15-second shots for this image