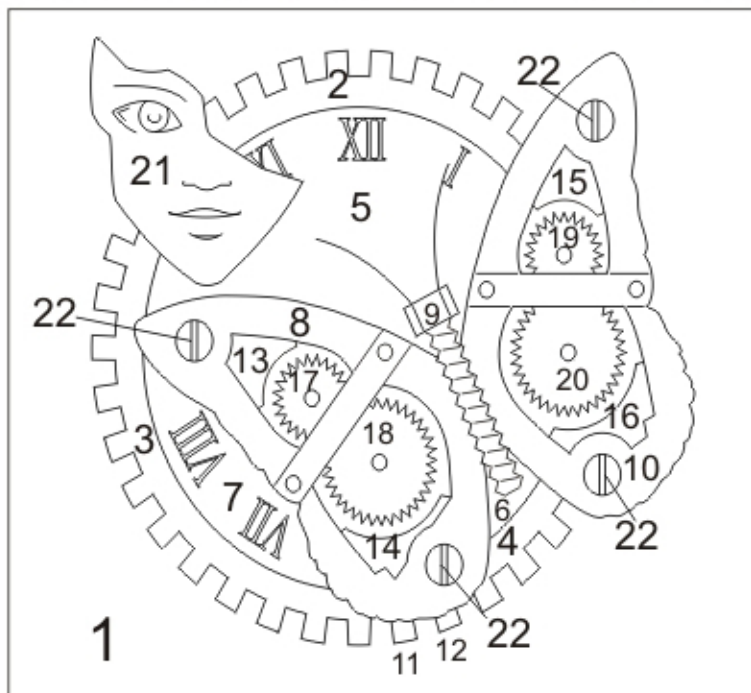


Instructions for the Steampunk Butterfly Inlay Kit



The first piece we're going to position is gear piece #3. Position it so you can slide the brass tube from your pen kit into the Afzelia Xylay barrel as piece #3 won't fit over the brass tube. Don't glue the brass tube in yet. We're using it to help with alignment and for support as we'll be applying quite a bit of pressure to insert some of these pieces. Continue with gear pieces #2 and #4. Once they're fully seated in place, slide out the brass tube and apply a couple of small dots of thin CA to the joints to secure these 3 pieces. Once the glue is dry, re-insert the brass tube and proceed with #5, #21, #8 and #7. Secure these with one of the supplied elastic bands. Next is piece #9. Press the head of the bolt in first and the threads will follow. Now slide the brass tube to the left just far enough to allow the right wing #10 to fit in place. Slide the brass tube back in place and press piece #6 in place. Secure this with another elastic band. Carefully slide the brass tube out of the barrel and hold the barrel with your thumb and forefinger pressing firmly to eliminate any slight gaps. Apply a few dots of thin CA glue to the seams to lock everything in place being careful not to get any of glue in the remaining recesses. Slide the brass tube back into the barrel. You might have to sand the inside of the barrel for the brass tube will fit smoothly. If so, sand with a dowel wrapped with a piece of 100G sandpaper. Once the brass tube fits, put #11 and #12 pieces in place, back the brass tube out a bit and secure these 2 pieces with thin CA glue. With the brass tube back in, insert pieces 13, 14, 15, 16, 17, 18, 19 and 20 securing with elastic bands as needed. Next we're going to insert the copper pins you'll be making using the wire provided. There's a total of 8 pins, 4 per wing. Press the wire into one of the holes and cut it flush to the surface using a pair of nail clippers. Proceed until all 8 pins are in place. Carefully remove the brass tube and glue the wing gears and the pins in place. Finally position and glue the 4 screws (#22) in the 4 recesses in the wings. The easiest way to align these is to look at the back of the screw and



notice the shape is definitely oval. The long dimension of the oval runs from left to right on the barrel. Once done, flood all of the seams of the barrel with thin CA and allow to dry.

Now we'll glue the brass tube into the blank. Use 2-part epoxy to glue in the brass tube. Once the glue has cured, sand the ends flush with the brass tube using a belt or disc sander. Don't use a barrel trimmer. Now you can mount the blank on the lathe for final turning and finishing. Apply whatever finish you're comfortable with as they all work well with these inlay kits.



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