

Model #KCHAIN

Pocket Watch Project Instructions

Features:

- Lathe Turning Project
- 15" gold plated heavy duty chain, belt and watch clips.
- Gold plated stud with hole.

Accessories Required:

- Wooden block.
- 1-3/8" forstner drill bit #FB138.
- 1-3/8" expanding collet chuck #CXC.
- 1/4" drill bit.
- Clock insert, mini or medium size.

NOTE: Project can be made using either mini 1-7/16" or medium, 2" clock inserts.

STEP 1

Cutting Wood Blank, Drilling, Turning & Finishing:

- For mini pocket watch cut block to 2-1/4" square, 1/2" to 5/8" thick.
- For medium size watch cut block to 2-5/8" square 1/2" to 5/8" thick.
- Mount forstner bit on drill press.
- Mark center of block. Circle size of project: 2-1/8" for mini or 2-3/8" for medium clock. Scribe a circle to define rough outer diameter of watch case.
- Lock block in vise, drill a 1/4" deep hole in center.
- Using a band saw or scroll saw, cut wood a long the circle inscribed earlier.
- Mount expanding collet chuck on lathe head stock spindle. Screw the blank on to the chuck making

sure the chuck face is firmly seated in the wood. **Do not operate the lathe when the chuck is mounted unless the work piece is securely fastened to the chuck. Failure to do this could result in injury.** When the blank is screwed on the chuck, check the mounting by spinning motor slowly. Adjust if necessary, making sure the work is firmly affixed in the chuck.

- With a tool rest close to the blank, turn the wood to the design as illustrated. Be careful not to over cut the center bottom, thus exposing the dimple made by the forstner bit.
- Sand the wood through the sanding stages.
- Finish the case with "Hut" wood polish or any finish of your choice.

STEP 2

Drilling The Wood To Install The Stud

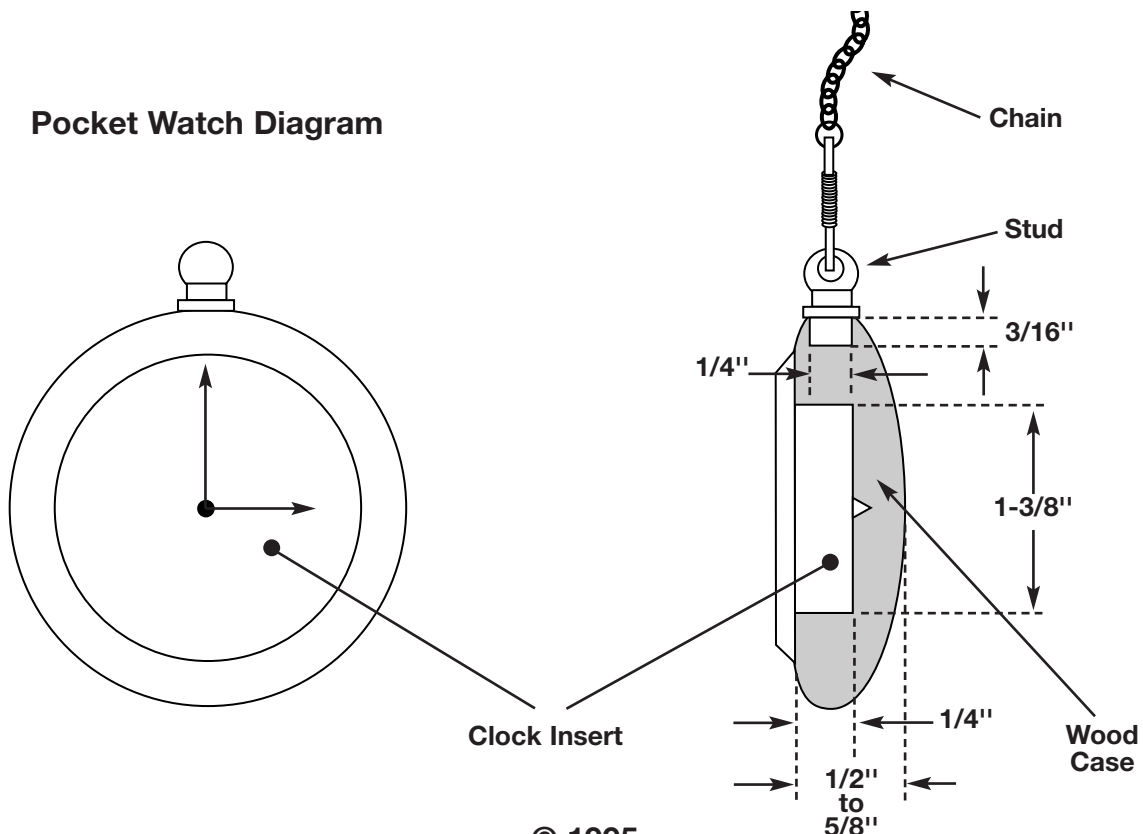
- Use protective cloth or wooden jaws on your vise. Set your wood case straight up in vise and tighten lightly.
- Use 1/4" drill bit. Bore 3/16" deep hole (see diagram).
- Spread epoxy glue over the stud. Push this into the hole and let dry. Make sure the hole in the stud is parallel to the watch face.

STEP 3

Final Assembly

- Set watch to correct time. Insert securely into place. Do not glue in case.
- Insert chain clip through stud hole.

Pocket Watch Diagram



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