

24 kt Key Chain Kits - Instructions

Model #1577 and #1578



#1577

Great items for gifts, stocking stuffers and for craft shows. Easy to make.



#1578

Kit Features:

- Heavy 24kt plating
- Simplified construction through the use of a single brass tube. (7mm)

Step 1: Cut wood blank

From 1/2" or larger square stock, cut the blank to the length of the brass tube + 1/8". Grain should run lengthwise.

Step 2: Drill the wood blank

Bore a centered hole lengthwise through the blank. Drill carefully since excessive pressure or chip build up may cause the blank to split or the bit to wander. A slow feed rate and back the drill bit out repeatedly for chip removal. Use of a self centering vise is advised. Use a 7mm drill bit.

Step 3: Glue the tube into the blank

Apply epoxy or medium or thick cyanoacrylate (CA) glue to the tube and insert into the blank with a twisting motion. This will spread the glue evenly. Center the tube within the blank and allow it to dry.

Step 4 Square the ends

The ends of the wood blank must be squared with the ends of the brass tubes. A 7mm barrel trimmer will do an excellent job.

Step 5 Turn the wood blank

Install the wood on a mandrel with the proper sized bushings on each side. Place the retaining nut on the end of the mandrel, bring the tail stock up to engage the end of the mandrel and then tighten the retaining nut. Turn the diameter to any shape your creativity dictates. For best results, turn the ends to match the bushings.

Step 6 Sand the blank

Sand the blank, going through the various grits of sandpaper, starting with the course paper and work your way up to the finest grit. Recommendations would be to finish with 400 or finer grit. The finer the finish, the better your blank will finish and look.

Step 7 Finish

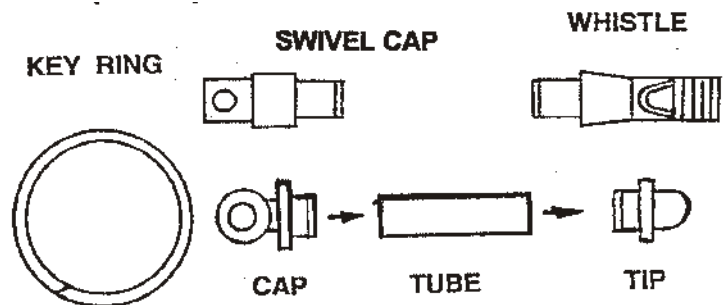
Apply a finish of your choice. Shellawax or lacquer based friction sealers and finishes work extremely well.

Caution:

Do not assemble this kit by exerting direct pressure against the swivel key ring end. Make an assembly fixture with an oversized 1/4" hole drilled in it, to avoid pushing against the end piece.

General Assembly hint

Use a clamp or the pen assembly press to squeeze the components into the finished blank.



- 1) Align key chain parts according to the diagram above.
- 2) Press tip into one end of the finished blank and cap into the other end.
- 3) Thread the key ring through the hole in the cap.

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