

# 24 kt Perfume Atomizer Kit - Instructions - #1574 & #1575

## Kit Features

- Heavy 24kt. Plating
- Unique design
- Overall length 3-1/4" or 3-1/2"
- Reservoir able to hold any liquid.

## Step 1 - Cut wood blanks

From 7/8" or larger square stock, cut blanks to the length of the tubes plus 1/8". Grain should be lengthwise.

## Step 2 - Drill the wood blanks

Bore a centered hole lengthwise through each blank. Drill carefully since excessive pressure may cause the drill bit to wander and/or split the blank. Slow the feed rate and back the bit out repeatedly for chip removal. For best results, use a 19/32" HSS drill bit (#1584).

## Step 3 - Glue the tubes into the blanks

Apply epoxy or gap filling CA glue to the tube and insert with a twisting motion. This will spread the glue evenly. Center the tube within the blank and allow to dry.

## Step 4 - Square the ends

Square the ends of the blanks to 90 degrees to the length of the brass tubes as needed.

## Step 5 - Turn the wood blanks

Install the blank on a turning mandrel with the appropriate bushing on each side. (#1120) Tighten the nut snugly and bring the tail stock center firmly against the end of the mandrel. Turn the diameter down to any shape that your creativity dictates. Turn the ends of the blanks slightly larger and the diameter of the bushings.

## Step 6 - Sand

As with any sanding, progress through a range of grits from the roughest to the finest, not skipping any grits to insure uniform scratch removal. To insure an exact fit, sand the ends of the blank to the exact diameter of the bushings (21/32") to insure a correct fit.

## Step 7 - Finish

Finish with the finish of your choice. Shellwax is an excellent choice here. Apply multiple coats and allow the finish to cure for two weeks prior to use.

## Step 8 - Touch up

With the blanks off the mandrel, lay them end to end to decide which sets will look best when assembled. Remember, they will be 3/32" apart due to the coupling, so minor differences won't show. If necessary, a light sanding on the ends on a block will square the ends and improve the fit during assembly.

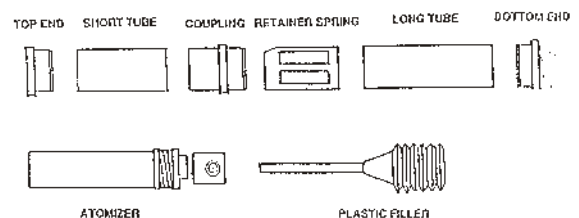
## General Assembly hints:

- Use a clamp or assembly press to press parts together and squeeze slowly.
- Top and bottom tubes are different.. Be sure to assemble the coupling properly.

## Step 9 - Assembly

NOTE: The #1575 has convex ends and a multiple ring design on the coupling, and a ring on each end.

- Align atomizer parts according to the diagram below.
- Press and end piece into the top of the short blank and the bottom of the long blank.
- Press the short end of the coupling into the open end of the long blank.
- Insert the retainer spring flat end first into the long blank past the coupling through to the bottom.
- Fill the atomizer with your perfume or other liquid using the plastic filler.
- Insert the atomizer into the long blank where the retainer will secure it.
- Push two halves together aligning grain as desired.



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