

Assembly Instructions for Ball Bearing Yo-Yo Kit

Model #PKYOSET

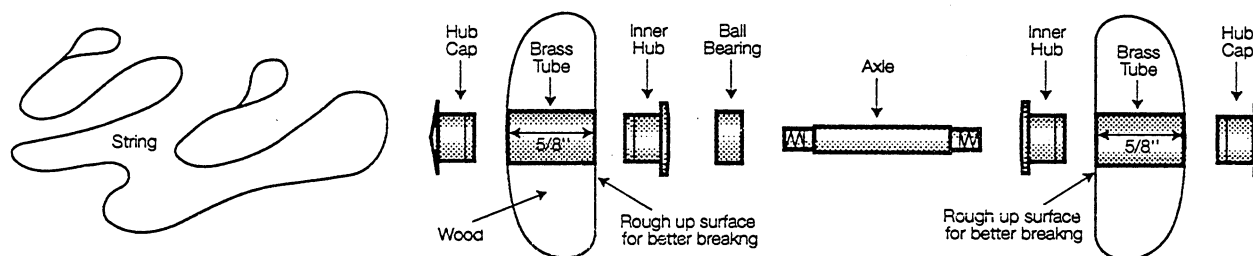
Kit Features

- Professionally designed and tested
- Solid brass, quality parts
- 24 kt. gold plated with epoxy coating
- Precision Teflon sealed ball bearing for superior performance

Optional Assembly Accessories

- 2- Part Epoxy Glue or Insta-Cure Glue (cyanoacrylate)
- Tape (Cellophane, masking or Teflon)
- Vise, mallet or suitable press

Diagram A / Parts List



Step 1 Insert Brass Tubes into Yo-Yo Halves

Brass Tubes must be inserted into wood yo-yo blanks before assembly. The object is to center them as best as possible so the yo-yo will spin wobble free. There are two ways this can be accomplished.

GLUE METHOD To avoid smearing glue on the outside face of the Yo-Yo, apply a thick 2-part epoxy glue or (gap-filling instant glue) to the tubes and insert into the holes located on the inside face of the yo-yo halves. Center tubes and let dry.

PRESSURE FIT. Wrap the brass tubes with tape of your choice to increase the diameter of the tube and assure a tight fit. Use a padded mallet or press to force the tubes into the holes in the yo-yo halves.

Step 2 Decorate Yo-Yo Halves (Brass Tubes Inserted)

Make sure the maple blanks are clean and free of glue, (light sanding may be required). Halves are now ready to paint, stain, varnish or otherwise decorate.

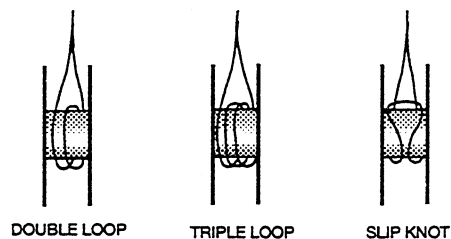
Step 3 Final Assembly

(Press together or strike with padded mallet)

- Line up finished parts according to Diagram 'A'.
- Press hub cap into the tube at the outer side of each half.
- Press the inner hub into the tube at the opposite side of each half.
- Insert the axle into either of the halves inner hub.
- Thread to bottom.
- Insert the ball bearing over the axle.
- Thread on the opposite half over the axle to bottom.
- Loop string over axle. (See Diagram ('B').
- The yo-yo is ready to perform

NOTE: A ball bearing yo-yo performs best with the string in a double or triple loop or slip knot over the axle (see Diagram 'B').

Diagram B/ Stringing The Yo-Yo



Trouble Shooting

If the yo-yo "sleeps" too well and doesn't return, or if you cannot wind up the string, you have to improve the "brake". Rough-up or scratch a 1" diameter area on the inside surfaces of the yo-yo around the axle.