WINDING STATION

ASSEMBLY

PARTS

thread guide shelf 1X

2Xcone holders

2Xbases 2Xuprights

metal spool rods

1X top

TOOLS

hammer or mallet #2 Phillips screwdriver slotted (flat) screwdriver 4" steel rod (included; to install or adjust screw eyes)

HARDWARE

8X screw eves

short (7-1/2") metal rods

1/4-20 barrel nuts

8X 1/4-20 x 2" Phillips truss head machine screws

 $1/4-20 \times 3-1/2$ " Phillips truss head machine screws

4X cotter pins

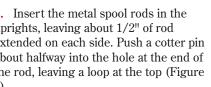
2X1/4-20 x 3-1/2" slotted flat head

machine screws

ASSEMBLY

- 1. Attach four screw eves to each long edge of the thread guide shelf, as shown in Figure 1. Start each screw eye in the pre-drilled holes by hand, then use the 4" steel rod to tighten them parallel to the shelf top.
- 2. Install a short metal rod in each of the holes on the cone holders, as shown in Figure 1. Set the shelf on a flat surface and tap the rods firmly into place with a hammer or mallet.
- 3. Orient the bases so the oval holes face inward, as shown in Figure 1. Attach the two cone holders to the bases using a 1/4-20 x 2" Phillips truss head screw and a 1/4-20 barrel nut at each end.
- 4. Attach the uprights to the bases using a 1/4-20 x 3-1/2" Phillips truss head machine screw and a 1/4-20 barrel nut.

- 5. Insert the metal spool rods in the uprights, leaving about 1/2" of rod extended on each side. Push a cotter pin about halfway into the hole at the end of the rod, leaving a loop at the top (Figure 2).
- **6.** Attach the thread guide shelf to the uprights using two 1/4-20 x 2" Phillips truss head screws and two 1/4-20 barrel nuts at each end. If you wish to adjust the screw eyes, use the 4" steel rod and work carefully so the eyes don't break.
- **7.** Attach the top to the uprights using a 1/4-20 x 3-1/2" slotted flat head machine screw and a 1/4-20 barrel nut at each end. 🕶



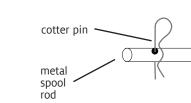
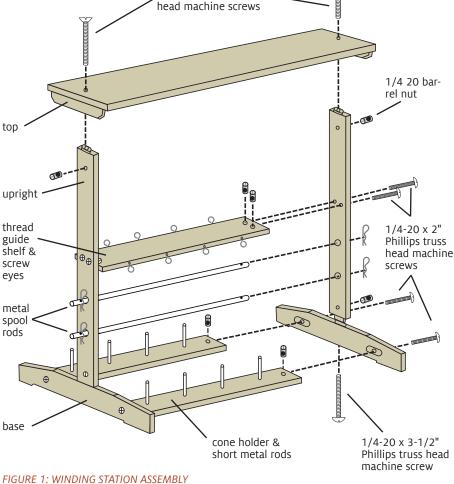
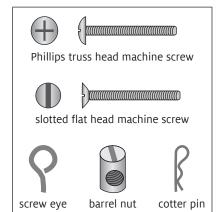


FIGURE 2: COTTER PIN INSTALLATION



3-1/2" slotted flat





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