

FLOOR LOOM SECTIONAL BEAM

ASSEMBLY INSTRUCTIONS



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ASSEMBLY INSTRUCTIONS

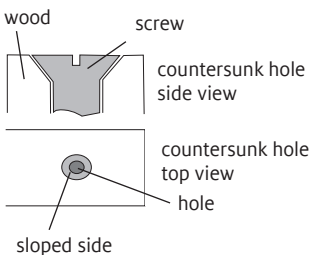
PARTS

- 8 – #12 x 1-1/4" PFH tapping screws
- 1 – hammer block for dowels
- 4 – 1/4" USS washers
- 2 – 5" hex bolts
- 4 – sectional beam leaves, one with holes for cords
- 4 – angle blocks
- 2 – hex nuts
- dowels – 85 for 36" loom; 110 for 45" loom
- cords – 19 for 36" loom; 24 for 45" loom

FOR LOOMS WITH PAIRS OF HOLES IN THE WARP BEAM

Some older models of our Floor Loom had paired holes in the warp beam instead of single holes. If your loom has paired holes, follow these procedures before continuing on with the assembly:

- Select one of the sectional beam leaves and place it on the warp beam with the end indicated with an "X" (in Figure B) next to the brake drum.
- Look for holes in the warp beam that line up with one hole in each of the pairs of countersunk holes on the tall side of the leaf.
- Make pencil marks on the leaf and on the warp beam next to the holes to be used.
- Follow the assembly directions using the holes you have marked.



COUNTERSUNK HOLE

TOOLS

- Hammer or mallet
- Phillips screwdriver
- Measuring tape or 12" ruler
- Wood glue (optional)
- Pencil (optional)

ASSEMBLY

1. Install the dowels into the four sectional beam leaves (there are extra dowels). Place the rounded end of a dowel into the hole in the end of the hammer block (Figure A). Align the flat end of the dowel with the hole in the leaf and tap the dowel in. If any of the dowels fit loosely, glue them in with a little wood glue.
2. Put together a sectional beam assembly. Orient two sectional beam leaves with the ends indicated with an "X" (in Figure B) at the same end. With four 1-1/4" screws, loosely attach the sectional beam leaves to two angle blocks using the countersunk holes in the sectional beam leaves (Figures B and C). Figure B shows which holes to use for 36" or 45" looms.
3. Assemble the other two leaves to the angle blocks.
4. Remove the apron cords from your loom's warp beam.
5. Turn the warp beam so that the holes in the beam face front and rear.
6. Place one of the two sectional beam assemblies on the warp beam. Make sure that the ends of the leaves marked with

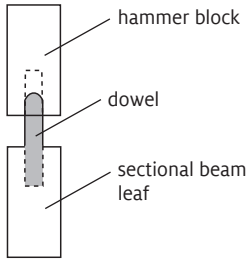
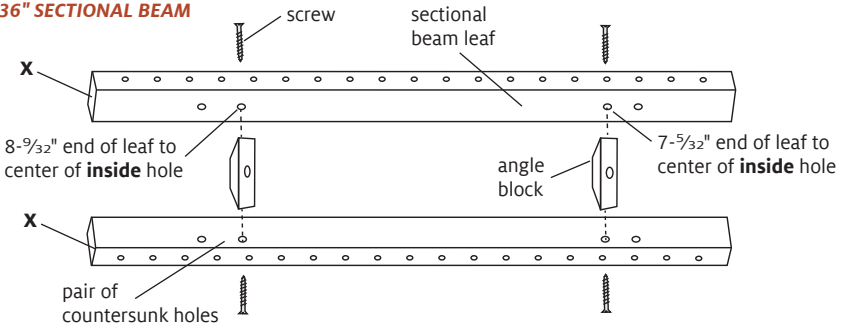


FIGURE A - CROSS SECTION

36" SECTIONAL BEAM



45" SECTIONAL BEAM

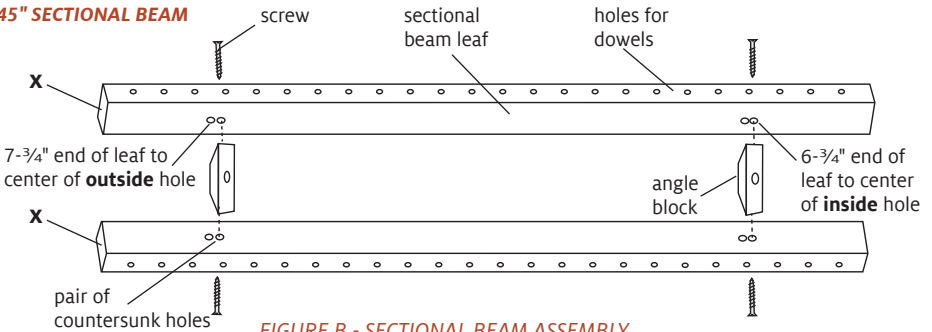


FIGURE B - SECTIONAL BEAM ASSEMBLY

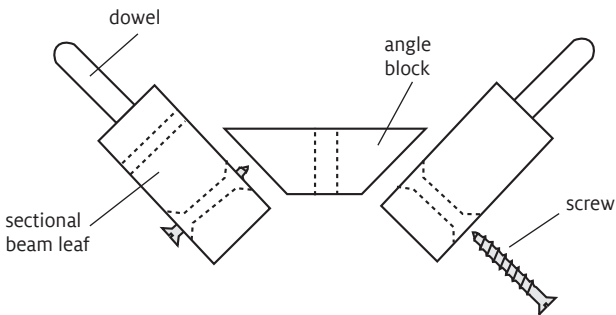


FIGURE C - CROSS SECTION OF SECTIONAL BEAM ASSEMBLY

a “B” are next to the brake drum. Align the holes in the angle blocks to match the holes in the warp beam, and so that the ends of the leaves fit closely against the brake drum.

7. Put a washer on each of the 5" hex bolts and push the bolts through the holes in the angle blocks and then through the holes in the warp beam (Figure D).

8. Place the other sectional beam assembly on the warp beam opposite the first assembly. Make sure the ends of the leaves indicated with an “X” (in Figure B, page 3) are next to the brake drum, and place the angle blocks on the 5" bolts.

9. Secure the sectional beam assemblies to the warp beam with washers and hex nuts (Figure D).

10. Tighten the screws fastening the leaves to the angle blocks.

11. Install the cords. Tie the ends of the cords together with an overhand knot (there is one extra cord). One of the sectional beam leaves has holes in the tall side (Figure E). Insert the cord loops through these small holes. Secure the cords by putting the knotted ends through the loops and pulling tightly (Figure D).

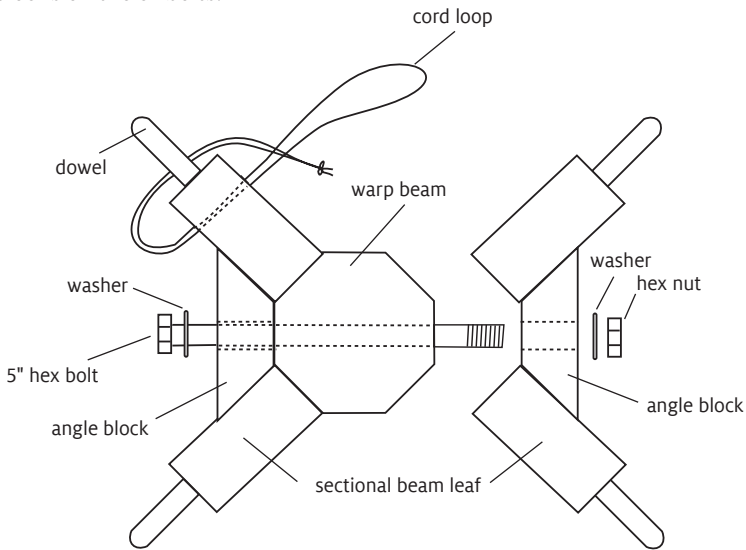
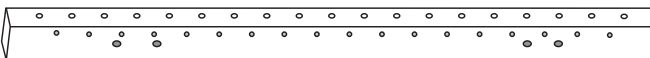


FIGURE D - CROSS SECTION OF SECTIONAL BEAM

36" SECTIONAL BEAM



45" SECTIONAL BEAM



**FIGURE E - SECTIONAL BEAM LEAF WITH HOLES FOR CORDS;
ONE LEAF PER SECTIONAL BEAM KIT**