



Materials needed:

250mm long pine 50mm X 50mm

100mm long 10mm dowel

There is a single drawing with six scale drawings (A - F) of various stages and views of the project. A simple piece of pine 50mm X 50mm is fine but a better grade of pine works best.

Construction is very simple:

1. Cut eight inches from the 50mm X 50mm pine. Save the short piece for later.
2. Using a lathe or drill press, drill four 10mm holes in the top of the whistle. Each hole is located 10mm from adjacent sides (see A & D). These holes must be true and straight.
3. The four holes are drilled to four lengths: 185mm, 105mm, 155mm, 120mm".
4. Cut the angled notches into the four corners of the side (see B, C, D). Each notch is located 10mm from adjacent corner edge (see D).
5. Cut four 12mm lengths of the 10mm dowel.
6. Sand each piece of dowel flat on one side as indicated in picture E. About one third of the thickness must be removed. These will serve as reeds in the whistle.
7. Glue the reeds (pieces of dowel) into the holes 3mm in from the top.
8. Test the whistle when the reeds dry.
9. Drill a 12mm hole 6mm deep into the exact center of the small piece of 50mm X 50mm pine left over in the first step.
10. Glue this piece onto the top of the whistle. The end with the hole goes against the top of the whistle. Be careful not to get extra glue into the open area.
11. After the top has dried completely, shape the mouthpiece in one of the two following ways.
12. With a lathe, make a round cut down to a 20mm thickness 6mm from the joint then cut off the whistle.
13. Cut the top off leaving exactly 6mm attached then sand the mouth piece into shape.
14. Sand all over and bevel all edges.