

Birdhouse Ornament By Bruce A. Kruse 2014

Materials Needed

1 ¾" x 1 ¾" x 1 ¾" Block - Roof

1 ¼" x 1 ¼" x 1 ¾" Block - Body of House

Eyelet – (Cut off Fish hook – approximate ½" long shank)

CA Glue

6" wood cotton swab

Deft Wood Finish

- 1) Drill a ¾" hole in center of the Body – 1 1/8" deep (in the 1 ¾" length)
- 2) Drill a 3/16" hole in side of Body - approximately 3/8" down from top of ¾" hole
- 3) Drill a 3/32" hole (for perch) in side of Body – approximately 3/8" down from 3/16" hole

Body is ready to turn

- 1) Chuck Body with the ¾" hole – either with Jam Chuck or Pin Chuck
- 2) Use tailstock to secure the Body.
- 3) Turn to shape desired
- 4) Move tailstock to allow finish turning of the bottom of Body
- 5) Sand if necessary and apply finish or embellishments (prior to removing from chuck)

Roof

- 1) Chuck Roof Block in Four Jaw Scroll Chuck – turn a ¾" tenon which is ¼" to 3/8" in length
- 2) Hollow out the center of the Tenon to reduce weight. Leave 1/8" minimum wall on tenon for rechecking
This tenon will be used to attach roof to body. Slightly undersize ¾" tenon will assure the roof easily fits body.
- 3) Undercut the roof overhang – this will meet next to Body of House when assembled
- 4) Sand if necessary and apply finish to underside – roof overhang and remove from Chuck
- 5) Remount Roof in Pin Jaw Chuck by using the ¾" tenon – made in Roof Step 1
- 6) Use tailstock to secure the Roof.
- 7) Turn to Shape desired
- 8) Move tailstock to allow finish turning of the point of Roof
- 9) Drill 1/16" diameter (max) hole approximately 3/8" deep in top point of Roof
- 10) Sand if necessary and apply finish or embellishments (prior to removing from chuck)

Assembly of Birdhouse

- 1) Place one drop of CA Glue on hole at Point of Roof.
- 2) Place Eyelet in jaws of pliers with shank protruding.
- 3) Press the Eyelet into the top of roof with Pliers until Eyelet is just above Rooftop
- 4) Cut 3/8" length of wood from cotton swab to make Perch
- 5) Place one drop of CA Glue on perch hole of Body.
- 6) Press 3/8" Perch into Perch Hole
- 7) Allow Perch and Eyelet CA Glue to dry after which time you can assemble the Roof to the Body
- 8) Test fit Roof to Body. This is where undersizing the tenon will benefit assembly.
- 9) Place four drops of CA Glue equally around the outside perimeter of the tenon.
- 10) Press fit Roof into Body and allow CA Glue to dry.

Congratulations on making your Birdhouse Ornament!!!