

WoodRiver® Slingshot Kit

Product: #163329

8/23/2017



Supplies Needed to Complete Kit:

- 3/4" x 3" x 5" Scale Material (x2)
- Pin Stock (x2)
- Brad point bit for pin stock
- Bandsaw/Scrollsaw/Coping Saw
- Drill Press
- Needle Nose Pliers
- F-Style Clamps
- Wood Files/Rasps
- 5-Minute Epoxy
- Sandpaper
- Eye & Ear Protection
- Dust Mask

Layout & Cutting:

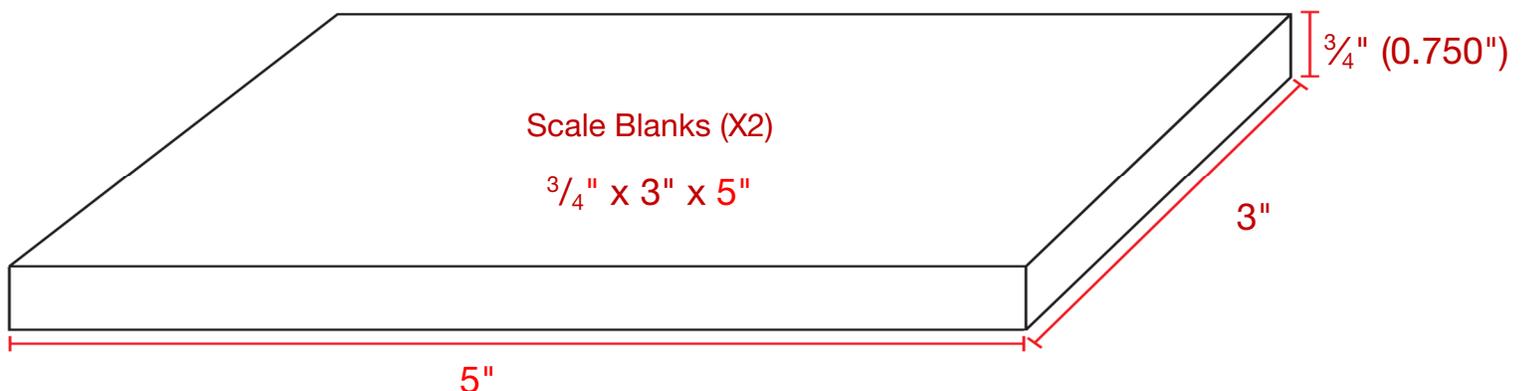
Examine your scales to determine which side will be seen (exterior side). Once determined, join the interior sides together using double-sided tape, making sure that the ends and sides of the blanks are flush. Position the slingshot handle on the blanks, and trace out the profile. Cut out the profile of the handle, leaving the lines previously traced. Once the scales have been cut out to shape, separate the two halves and remove the double-sided tape.

Drilling:

Using a small piece of double-sided tape, position one half of the scales to the slingshot handle and press into place. Using the appropriate size diameter brad-point bit as a center punch, mark the hole locations for your pin stock (Pin Stock

Warning:

Slingshot is intended for target practice only! Use paper or ping pong balls or nothing at all! For ages 16 and older with adult supervision.



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Sold Separately). Repeat the above steps for positioning and marking hole locations for the other scale. Once hole locations have been marked drill the necessary holes.

Gluing, Shaping & Assembly:

- Clean the interior of the scales and slingshot handle with acetone. This helps ensure that all residue is removed.
- Dry-fit the scales to the handle of the slingshot. Once satisfied with the fit, mix and apply 5-minute epoxy to both the slingshot handle and interior side of the scales. Apply the scales to the slingshot handle, and install pin stock. It will still be necessary to use clamps to apply light pressure during the curing process.
- Once cured, sculpt the handle to the desired shape using files, rasps, and sandpaper. Once the desired shape has been achieved, sand to 320 grit.
- Apply a finish of your choice.
- Using needle nose pliers expand Compression Rings (A) to fit over the Surgical Tubing.
- Securely clamp the completed Slingshot Handle (C) in a vise for the final assembly steps. Ensure to protect your handle while clamping. Place one end of the Surgical Tubing (B) over one of the post of the Slingshot Handle (C). **Refer to image on page 1.** Make sure that the tied ends of the pouch face outwards so not to interfere with shooting ping pong balls. Pulling light pressure on the tubing place one of the Compression Rings (A) over the tubing and tight to the post and compress the ring. Repeat the same steps for the opposite side.

