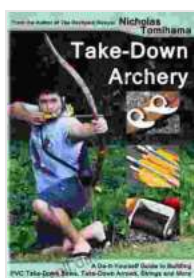


The Ultimate Guide to Building PVC Take Down Bows, Arrows, and Strings

Archery is a fun and rewarding sport that can be enjoyed by people of all ages. If you're interested in getting started in archery, but don't want to spend a lot of money on equipment, then building your own PVC take down bow is a great option.



Take-Down Archery: A Do-It-Yourself Guide to Building PVC Take-Down Bows, Take-Down Arrows, Strings and

More by Nicholas Tomihama

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PVC take down bows are relatively inexpensive and easy to build, and they can be just as accurate and powerful as more expensive bows. In this guide, we will provide you with everything you need to know to build your own PVC take down bow, arrows, and strings.

Materials

To build a PVC take down bow, you will need the following materials:

- 1 1/2" PVC pipe (10 feet)
- 1 1/4" PVC pipe (1 foot)
- PVC elbows (4)
- PVC tees (2)
- PVC caps (2)
- Fiberglass rod (3/16" x 36")
- Nylon cord (100 feet)
- Bowstring (54")
- Arrows (6)
- Fletching (12 feathers)
- Nocks (6)
- Adhesive
- Tools (hacksaw, drill, sandpaper, etc.)

Step-by-Step Instructions

1. Build the Bow Frame

The first step is to build the frame of the bow. To do this, you will need to cut the 1 1/2" PVC pipe into the following lengths:

- 2 pieces (24")
- 2 pieces (12")
- 1 piece (10")

Once you have cut the pipe, you will need to assemble the frame. To do this, you will need to use the PVC elbows and tees to connect the pieces of pipe together. The frame should look like the image below.



2. Install the Fiberglass Rod

The next step is to install the fiberglass rod. The fiberglass rod will provide the bow with its strength and flexibility. To install the fiberglass rod, you will need to drill a hole in the center of each of the 1 1/2" PVC pipes. The holes should be large enough to fit the fiberglass rod snugly.

Once you have drilled the holes, you will need to insert the fiberglass rod into the holes. The fiberglass rod should be slightly longer than the bow

frame. Once the fiberglass rod is in place, you will need to secure it with adhesive.

3. Make the String

The next step is to make the string. The string is what will propel the arrow when you shoot the bow. To make the string, you will need to cut the nylon cord into two equal lengths (50 feet each). Once you have cut the cord, you will need to tie the two ends together using a bowstring knot.

4. Install the String

The next step is to install the string on the bow. To do this, you will need to attach the string to the nocks on the arrows. Once the string is attached to the arrows, you will need to loop the string over the top of the bow frame and then attach it to the nocks on the other end of the arrows.

5. Fletch the Arrows

The next step is to fletch the arrows. Fletching is the process of attaching feathers to the arrows. Feathers help to stabilize the arrows in flight. To fletch the arrows, you will need to apply adhesive to the base of the feathers and then attach them to the arrows.

6. Shoot the Bow

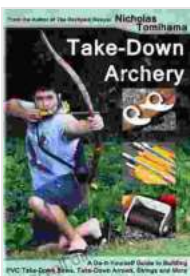
The final step is to shoot the bow. To do this, you will need to hold the bow in one hand and the arrow in the other hand. Place the arrow on the string and then draw back the string. Once the string is fully drawn back, release the arrow and watch it fly.

Troubleshooting

If you are having trouble building or shooting your PVC take down bow, here are a few troubleshooting tips:

- Make sure that the bow frame is assembled correctly. The frame should be square and the fiberglass rod should be installed securely.
- Make sure that the string is installed correctly. The string should be tight and the arrows should be attached securely.
- Make sure that the arrows are fletched correctly. The feathers should be attached securely and they should be oriented correctly.
- If you are having trouble shooting the bow, try adjusting the tension of the string. The string should be tight enough to provide the bow with enough power, but it should not be too tight that it is difficult to draw back.

Building your own PVC take down bow is a fun and rewarding experience. With a little bit of time and effort, you can build a bow that is just as accurate and powerful as more expensive bows. So what are you waiting for? Get started today!



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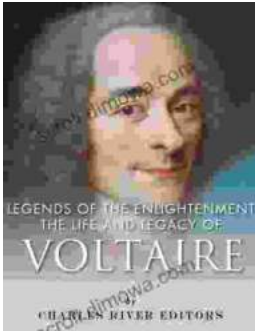
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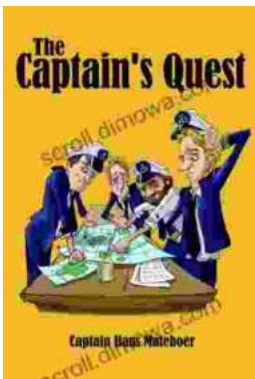
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