

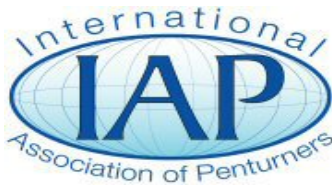
Broadhead Arrow Pen Stand

A Tutorial by:

**Steve Martin
A.K.A “stoneman”**

This tutorial was downloaded from:

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Arrow Pen Broadhead/Antler Stand Tutorial

By Steve Martin aka Stoneman

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This tutorial describes one way to make an arrow pen stand from traditional arrow broadhead and a deer antler. Inspired by a project by Turkhunter, it is part 2 of a 2 part series. Part 1 describes making the arrow pen itself.

Materials Needed To Make The Pen Stand:

1 – Broadhead for a traditional cedar (wooden) hunting arrow

1 – Deer antler (or other base material)

Baseplate wax (or substitute) – baseplate wax available from Arizona Silhouette

All Game Two-Part Epoxy Putty (or substitute)

Note: All Game is a two part putty epoxy used in taxidermy. It is a tan (antler) color and mixes easily, has a working consistency like window putty, cures rock hard, cleans up with water and can be sanded and painted or stained. Great stuff. One place to find it is at DanChase.com where two pints is about \$21 plus shipping. See https://danchase.3dcartstores.com/All-Game-Epoxy-Compound_p_485-10924.html

IMPORTANT – A hunting broadhead is very sharp. Handle it with extreme care until after it is dulled for use in this project.

Step 1 – Check your broadhead fit on the tip of your pen. Generally, the pen nib will fit in the broadhead loosely and will wiggle a bit at the top. This is normal and will be compensated for. The broadhead shown here is an old style Bear broadhead.



Step 2 – **IMPORTANT** – Using a coarse or medium grit sandpaper, carefully and completely dull all edges of the broadhead.

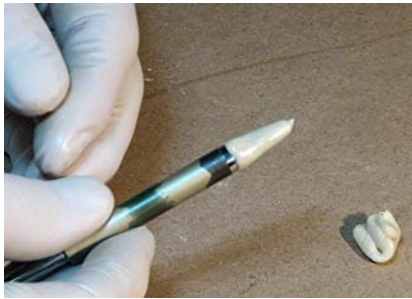


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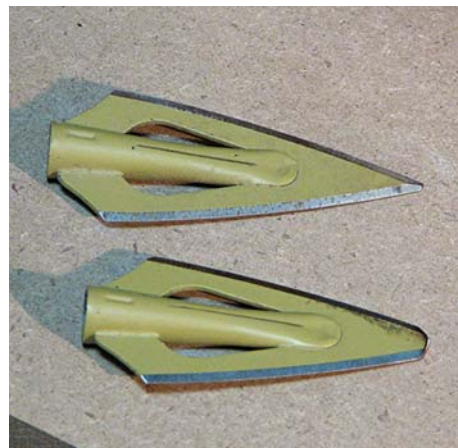
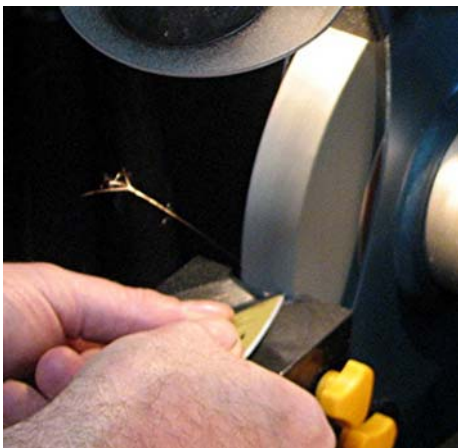
Step 3 – Remove the refill from your arrow pen and plug the nib end with baseplate wax. Wearing latex gloves mix a small amount of All Game two-part putty epoxy.



Step 4 – Once it is well mixed, wrap a thin layer of All Game epoxy putty around the pen nib. Twist it into the broadhead opening until it is well seated. Remove excess putty from the edge of the broadhead opening and wipe clean with a damp paper towel. Gently twist the pen nib out of the broadhead and check the molded fit. If necessary, repeat to get a nice, solid, molded fit that will hold your pen when hardened. Wipe the pen nib and barrel well with a damp paper towel to remove any residue from the putty. Let putty harden before continuing to step 5.



Step 5 – Optional - If you wish, you may grind away some of the tip of the broadhead. This will reduce the depth of the slot required to fit it to the antler.



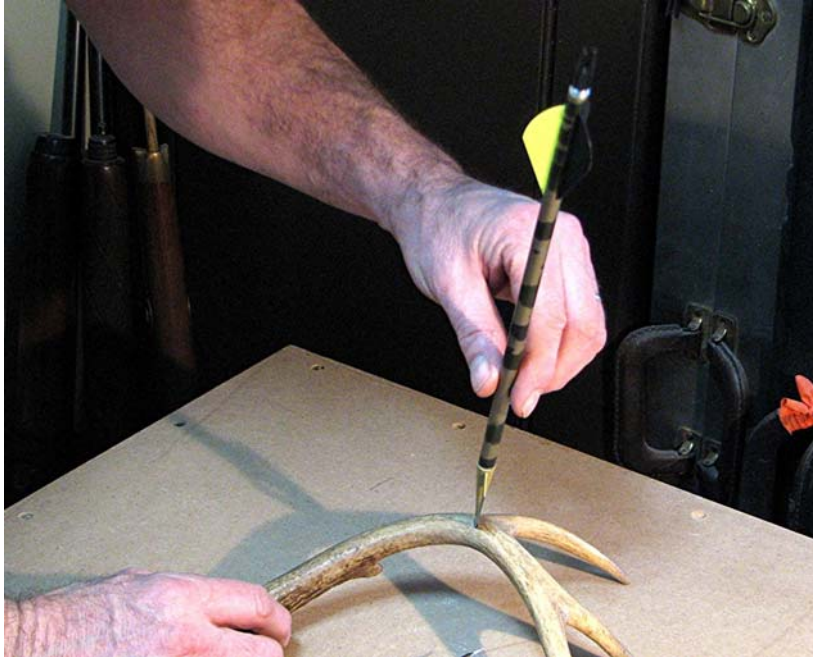
Step 6 – Remove the baseplate wax (used in step 3) from your pen nib. Install the refill and reassemble the arrow pen. Slide the arrow pen into the hardened putty in the dulled broadhead. Visually determine the desired angle and location of the broadhead on the antler base. Be sure to consider balance in order to assure the finished stand with the arrow in place will not tip over. With a pencil, mark the desired location of the slot for the broadhead on the antler.



Step 7 – I use a Dremel tool with a hard cutoff wheel and a small diamond grinding bit to make the slot in the antler for the broadhead.



Step 7 (continued) – Continue grinding & checking the slot until the broadhead will insert at least ¼” (or more) into the antler and can per adjusted to the angle you are looking for. Try to maintain a minimum size opening on the surface of the antler to get a good visual fit. If necessary to adjust the angle, the inside of the antler may be opened up as it will get filled in to hold the broadhead.



Step 8 – As in step 3, put on latex gloves and mix a small amount of All Game two-part putty epoxy. Push the mixed putty into the slot you created for the broadhead.



Step 9 – Push the broadhead into the putty-filled slot and seat it firmly at the angle desired. Remove excess putty with a hobby knife and gently wipe the surrounding area clean with a damp paper towel. Be careful not to wiggle the broadhead which may loosen the fit and weaken the bond. Let the All Game epoxy putty harden.



Step 10 –Place the pen in the broadhead/antler stand. The same technique may be used by substituting other base materials for the antler. Below right is a similar stand made of a conk (tree fungus) retrieved from the autumn deer woods.

