

## Versa-Cradle Bow Vise

**Assembly Instructions** 

## Move or Rotate the Clamping Assembly:

- 1. Remove the bow and loosen the Tightening Knob (7) almost all the way.
- 2. Remove the Tightening Knob Shoulder Screw (8) with the 1/8" hex wrench (provided) while holding the Tightening Knob steady with the other hand.
- 3. Remove the clamping assembly including the Guide Plate (6) and move the Tightening Knob Shoulder Screw into the other hole (or rotate it), making sure that the Shoulder Screw goes in all the way (the head of the screw will be approximately even with the surface of the Main Beam (1).
- 4. Move the clamp assembly to the new position and, using the long end of the 1/8" hex wrench through the hole in the C-Frame, thread the Shoulder Screw into the Tightening Knob while also positioning the Guide Plate between the four Cushioning Pads (4) and against the frame.
- 5. Firmly re-tighten the Tightening Knob Shoulder Screw with the short arm of the hex wrench in the head of the Shoulder Screw.

# Adjust the OMP Versa-Cradle Bow Vise Ball Assembly:

If the Versa-Cradle's handle over rotates against its stop without fully tightening the ball, loosen the handle as far as it will go, loosen the set screw (Image 1) directly above the handle half a turn with the 3/32" hex wrench (provided) insert the short end of the hex wrench into one of the seven holes (Image 2) on the bottom side of the tightening nut and rotate it in a counterclockwise direction until snug as viewed from the top side of the Versa-Cradle. Working the handle back and forth a little during this process can help free the nut and rotate it. Once almost all of the slack is taken out of the handle, retighten the set screw.

### **Ball Tension Spring**



Ball Tension Spring (10) keeps a constant light tension on the Handle (3). The Ball Tension Spring can be removed by rotating the Handle all the way to the tight position, compress the spring together and pull the spring out. Re-installation is done in reverse.







### **Beam Assembly**

- 1 Main Beam
- 2 Main Beam Screws (4, 10-32 x 7/8" Button Head Screws)
- Base Screws (4, 10-32 x 3/4" Button Head Screws)
- 4 Cushioning Pads
- 5 C-Frame
- 6 Guide Plate
- 7 Tightening Knob Shoulder Screw
- 8 Shoulder Screw
- 9 Base Plate
- 10 Wood Screws



## **Case Assembly**

- 1 Case (CNC Machined Steel Case)
- 2 Ball (CNC Machined ball with beam post)
- 3 Handle (Steel handle w/ welded threaded post)
- Brass Socket (CNC Machined brass ball socket)
- 5 Clamping Nut (Adjustable)
- 6 Case Set Screw (1, 10-32 x 3/8" Set Screw)
- 7 Base (Aluminum machined base for case)
- Base Screws (4, 10-32 x 3/4" Flat Screws)
- Retaining Ring (1, 1-1/2" Internal Retaining Ring)
- 10 Ball Tension Spring



# Versa-Cradle Wide Limb Adapter

**Assembly Instructions** 

### Remove Narrow Limb Clamp Assembly\*:

- 1. Access the Shoulder Screw (8) through the top of the C-Bracket's Shoulder Screw access hole. Hold the Tightening Knob (7) tightly and completely remove the Shoulder Screw. Once the Shoulder Screw is removed the clamp assembly can be removed from the Main Beam (1).
- 2. Reinstall the Shoulder Screw into the Tightening Knob to reassemble the unit. Store for future use.
- 3. Remove the limb pads from the Main Beam.

\*requires 1/8" hex wrench (included)

## *Install the Wide Limb Adapter\*:*

- 1. Align the Main Beam (1) top front and the Guide Plate (3) bottom side cutout so that the two components align.
- 2. While holding the Guide Plate in place, position the Mounting Plate (6) on the bottom side of the Main Beam and align the (2, 10-32 x 5/8) holes.
- 3. Fasten the Guide Plate, Main Beam and Mounting Plate together using the two (2, 10-32 x 5/8) fasteners (tighten until snuq, up to ¼" turn to tighten).
- 4. Remove the Shoulder Screw (8) from the Tightening Knob (7).
- 5. Slide C-Frame assembly (5) into place and align C-Frame with Wide Limb Adapter C-Frame guide cutout.
- 6. Insert the Shoulder Screw and tighten.
- 7. Test the unit for smoothness of operation, ensuring the assembly does nothave catch points.

\*requires 1/8" hex wrench (included)

### To Mount the Bow Vise:

The Versa-Cradle Archery Bow Vise can be mounted using either the four wood screws (provided), or using bolts. (If leather or rubber is used under the base to help protect the finish of fine benches or counter tops, please make sure that it is secure before mounting a bow.)

#### To Mount the Bow:

- 1. Simply loosen the Tightening Knob (7) and slide one of the limbs between the opposing Cushioning Pads (4) as shown. Make sure that the bow is centered and straight, and that nothing on the limb will interfere with the clamping mechanism.
- Tighten the knob until it holds the bow firmly. Always hold the bow with one hand while tightening or loosening the Handle and Tightening Knob. You are now free to move your bow to almost any position.



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