

# Installing the Danvise Extension Arm

The purpose of the Danvise Extension Arm is to provide the fly tier with more space between the jaws and the back of the vise. The extra space is particularly helpful when tying longer flies like saltwater, bass and streamer patterns. We designed the Extension Arm to provide a working area of about five and a half inches between the stationary bearing housing and the back of the hook/jaws when constructing flies on hook sizes 2 or smaller. The extra gape size on hooks 1/0 and larger opens up the complete top of the vise so the tier can easily tie flies up to 12 inches or more. The extra working space is most helpful but does require a FIRM connection between the Extension Arm and the Danvise jaw assembly mechanism. We have found that connection is further strengthened by supplying an anchoring screw that is slightly larger than the slot it is designed to slip through. The connection is stronger but the installation of the arm is more challenging. Let us share with you the process we've found works well for us.



On the left is the screw we are talking about and the slot it is supposed to go through is evident in the center of the rotating jaw-assembly mechanism. The width of the slot is about 1/64th inch less in width than the screw & its threads. Many people would resort to a round file or a 3/16 inch drill bit to open the slot up a small amount so the screw would easily slip through and engage the hole in the Extension Arm. That idea works but defeats the purpose of the tight fit and a stronger connection. We DO NOT recommend reaming out the slot to make the screw fit.

Slip the extension arm into the mechanism, look down through the screw slot and locate the threaded hole in the arm. Position the screw at the top of the slot above the hole and start twisting it. The threads will grasp the sides of the slot and act like a self-tapping screw working its way toward the hole in the Extension Arm. Once the screw engages the hole in the Arm, continue twisting it until the Extension is anchored firmly in place.



Make certain the screw is well tightened. The extra grip the screw threads provide when grasping the sides of the delrin slot (illustrated) don't seem like much but really do anchor the Extension Arm much more firmly in place.

Enjoy the Extension Arm and the added fly-tying advantage it brings to your large-fly construction.

*Gretchen & Al Beatty*

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