Seyco
The Scroll Saw Specialists, INC.
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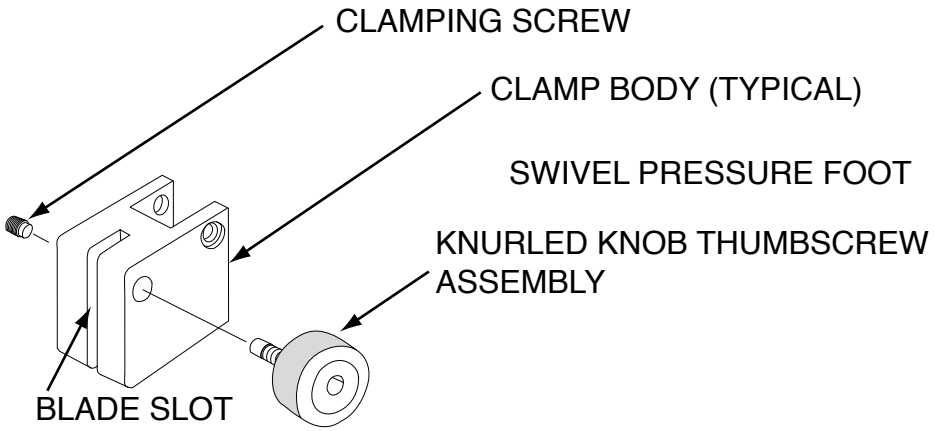
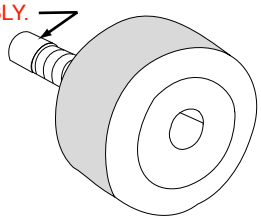
Web: http://www.seyco.com • E-mail: ray@seyco.com

INFO ABOUT YOUR "QUICK-CLAMPS"



PRESSURE FOOT SWIVELS ON THE KNURLED KNOB THUMBSCREW ASSEMBLY.



NOTE: 2 Type knobs have been used on Excalibur scroll saws. This round knurled type and a black plastic "T" type thumbscrew. Both utilize this same swivel pressure pad design.

To order replacement swivel pressure foot and clamping screw (replacing or renewing the surface must be done on both sides of the clamping surfaces to be effective) go to

SEYCO'S Website Excalibur Parts Department shopping cart-- <http://www.seyco.com/excparts.html> and order ---

Item #19-109 - Swivel Pressure Pad
Item #19-111 - Special Clamping Screw (clamping end is ground flat)
***OR* #QCRX - "CLAMP RENEWAL" Kit containing 2 ea #19-109 & 2 ea #19-111**

Proper care and use of your "Quick Clamps" from SEYCO, will maximize their performance and extend their life. The following information will be helpful in the use of these clamps.

DO NOT OVERTIGHTEN THE CLAMPING BOLT.
It will only shorten the life of the pressure foot.

1. Guard against getting oil into the blade slot.

2. Apply just enough torque to hold the blade and keep it from slipping. Excessive torque (twist on the knob) will tend to bend the blade and possibly cause further unnecessary damage to the pressure foot.

3. The pressure foot should swivel freely on the end of the bolt. If it is "stiff" (this also causes bending of the blades ends), clean off any sawdust or dirt from the swivel area, twist it gently to loosen it up so it can swivel freely.

4. Both the pressure foot and the clamping thumbscrew assembly can be replaced when worn, however they can be re-surfaced many times before replacement becomes necessary. SEE RE-SURFACING INSTRUCTIONS BELOW

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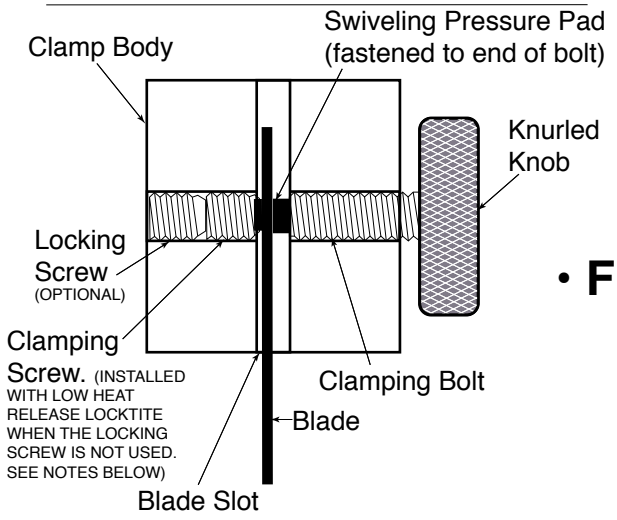
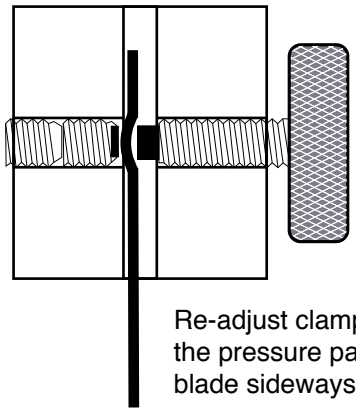
• IMPORTANT QUICK CLAMP INFORMATION •

Properly Adjusted Clamping Screw



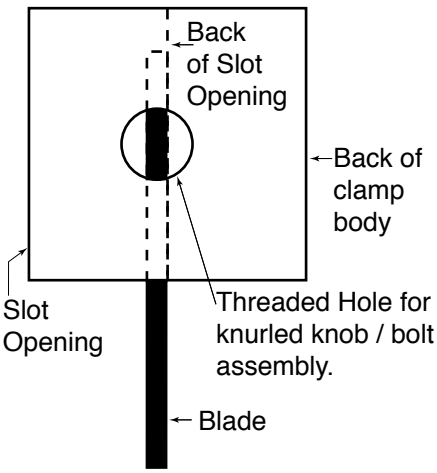
• FRONT VIEW •

Improperly Adjusted Clamping Screw

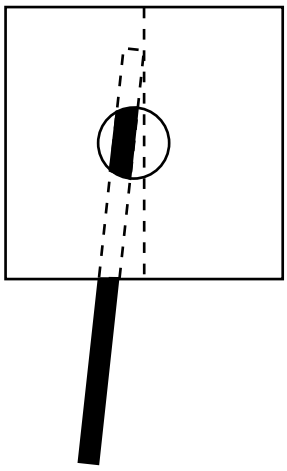


Re-adjust clamping screw if the pressure pad bends the blade sideways when clamped.

Proper Blade Position



Improper Blade Position



• SIDE VIEW •

The front view (left) is a cut-away drawing of the clamping body of your "Quick Clamp" blade holders with the clamping parts identified. The clamping parts are machined hardened tool steel for long life. The vertical slot is for the blade to fit into. Be sure the blade is inserted all the way and is flat against the back of the slot with the top end of the blade slightly past the clamping area (See side view). The actual clamping must be between the precision machined swivel clamping pad and the clamping screw on the left side of the clamp body. When properly positioned, a good firm twist of the clamping knob will hold the blade clamped under adequate tension. This clamping method is different and will require a brief time of familiarization. These clamps properly installed and used will prove to be a tremendous asset to your scroll sawing skills.

To maximize the pleasure of using your finger release "QUICK CLAMPS", follow these simple rules:

1. Install the blade so that the back of the blade is all the way to the back of the slot.
2. Hold the blade against the back of the slot while you tighten the knob. (Twisting the knob with your fingers is adequate. *DO NOT OVERTIGHTEN as this only damages the thumbscrew's pressure foot.*
3. The clamping screw comes adjusted as shown in the front view, with the clamping end extending just into the slot. If with use the clamping end is moved and is not into the slot, the clamp will not hold. Remove the locking screw and reset the clamping screw and re-install the locking screw. "Quick Clamps" vary slightly for different saw designs. If yours does not have a locking screw, the clamping screw may have "LOCKTITE" on the threads to hold it in position and will require lightly heating the clamp body with a hair dryer or by holding a light bulb close to the clamp body to release the "LOCKTITE" so the screw can be adjusted.
4. When the clamping surfaces wear to the point that they will not hold the blade, you can renew them according to the attached instruction sheet or replace them with new ones.
5. All bolts, washers, etc. holding the blade clamps to the saw arms must be secured properly.

FOLLOW ALL SAFETY PRECAUTIONS WHEN USING THESE BLADE CLAMPS OR ANY OTHER TOOLS!

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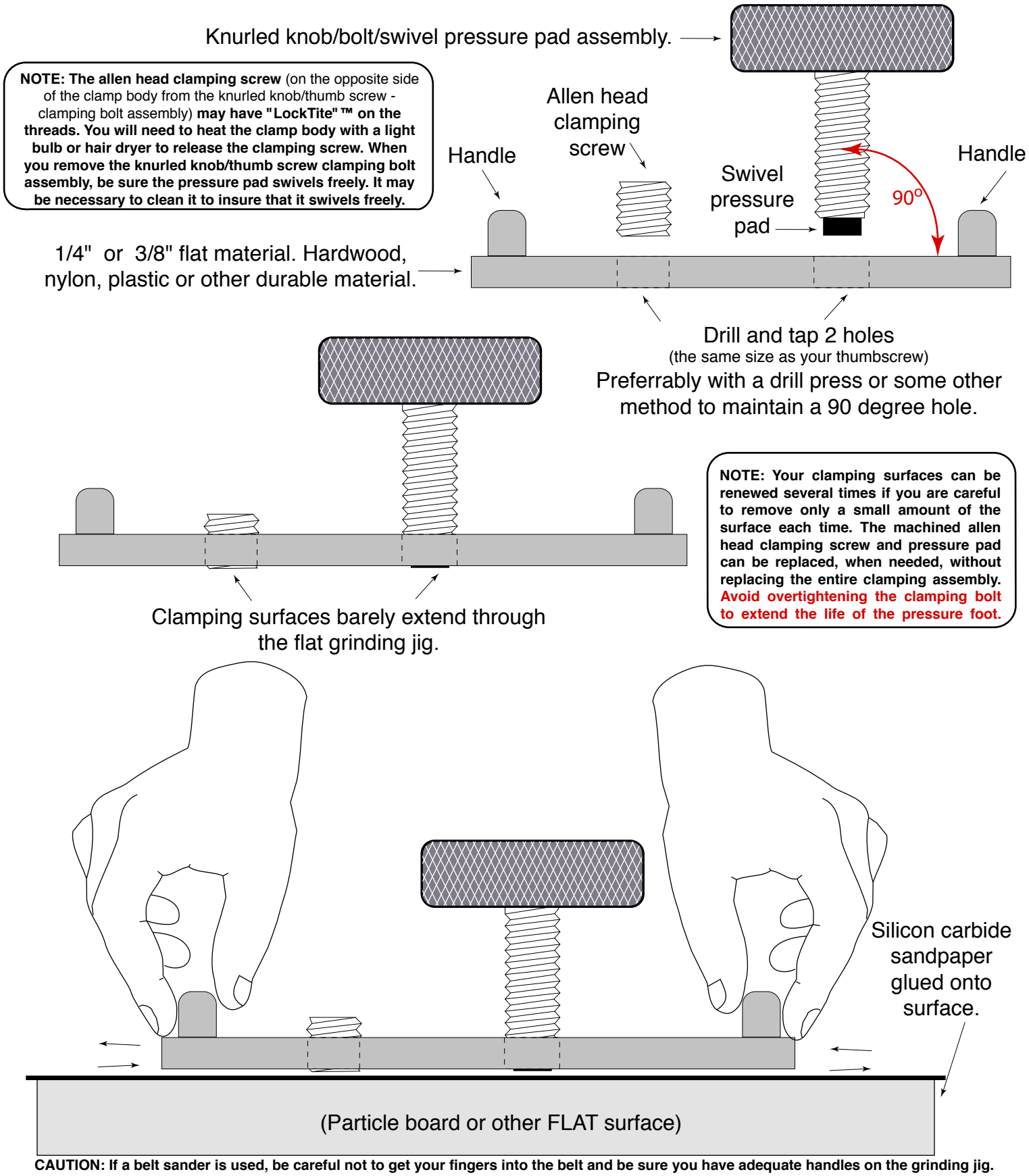
RENEWING THE CLAMPING SURFACES OF YOUR SEYCO "QUICK CLAMPS"

(Illustrated parts are enlarged for clarity and are not to scale)



CAUTION: If a belt sander is used, be careful not to get your fingers into the belt and be sure you have adequate handles on the grinding jig.

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