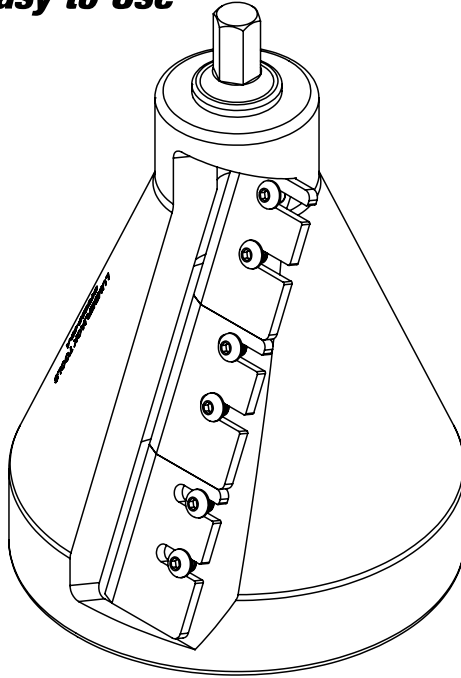


# LUMBERJACK TOOLS®

made in usa

***Safe, Fast & Easy to Use™***



**USER MANUAL  
POST POINTER XL  
(45° Post Point)**

***Works Like a Giant Pencil Sharpener®***

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© 2024 Lumberjack Tools  
[www.lumberjacktools.com](http://www.lumberjacktools.com)  
Email: [info@lumberjacktools.com](mailto:info@lumberjacktools.com)  
Phone: 715-514-0319



MODEL: ST5625-45

## ABOUT YOUR PRODUCT

Thank you for purchasing our 45° Post Pointer XL!

Lumberjack Tools engineers have designed one of the safest, easiest to-use post pointing tools in the market. By combining old-world skills along with DFMA principles and CNC technology, we've created a simple yet effective way to cut points on posts and other large material.

The six-bladed Post Pointer XL will cut a 45° point on round or square stock in seconds. The tool's body is CNC machined from a solid aluminum billet to ensure each cut is precise. The blades are laser cut, machined, heat treated, and ground to provide years of service if properly maintained.



Our lifetime guarantee covers the tool body and shank. The blades are covered for 90 days from the date of purchase for breakage under normal working conditions. Blades will dull faster cutting hardwoods versus softwoods (peeled or unpeeled). Soil and other abrasive substances will reduce blade life and is not covered under this warranty. When making a claim, you must show proof of purchase from an authorized distributor. This is valid only to the original buyer, and not for tools sold secondhand, used, or sold "as is" to a second party.

### What Voids Warranty

In order to keep our lifetime and 90 day warranty you must **AVOID** the following actions:

- Operating the tool in a drill press or lathe (or any system other than a hand-held drill)
- Running the tool into a nail or foreign object
- Altering or misusing the tool

# SAFETY

Before beginning any project, carefully read and follow ALL safety and operational instructions for any tools or devices you will be using. Failure to do so may cause physical harm to yourself or those around you. If you feel uncomfortable using our Post Pointer XL or any other tool, STOP immediately. Lumberjack Tools assumes no responsibility for injury caused to the operator, bystander, or tools used in conjunction with the use or misuse of our tools.



NEVER OPERATE POWER TOOLS UNDER THE INFLUENCE OF DRUGS, ALCOHOL, OR ANY MEDICATIONS.



ALWAYS WEAR SAFETY GLASSES, DUST MASK, AND ANY OTHER PERSONAL PROTECTION ITEMS AS NEEDED.



NEVER WEAR LOOSE ITEMS THAT COULD BE CAUGHT IN MOVING PARTS. SECURE LOOSE OR LONG HAIR AWAY FROM AREA.



WE STRONGLY RECOMMEND A SINGLE-SPEED, GEAR DRIVEN DRILL WITH RPMS OF 500 OR LESS. EXCEEDING THESE RPMS MAY RESULT IN DAMAGE TO THE TOOL.



ALWAYS DISCONNECT POWER AND ALLOW DRILL TO COME TO A COMPLETE STOP BEFORE INSTALLING, REMOVING, OR ADJUSTING THE TOOL.



NEVER APPLY BENDING FORCE (SIDE LOADING) TO THE TOOL. SIDE LOADING COULD CAUSE THE SHANK TO FAIL, OR MAY RESULT IN BLADE DAMAGE.



ALWAYS SECURE THE LOG IN A VISE OR CLAMP PRIOR TO STARTING YOUR DRILL. FAILURE TO DO SO MAY RESULT IN INJURY.



ALWAYS HANDLE THE BLADES WITH EXTREME CARE! FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY.

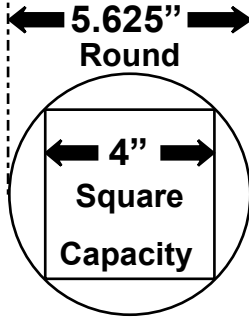


NEVER PUT HANDS OR ANY BODY PART INSIDE THE TOOL WHILE THE BLADES ARE ATTACHED! DOING SO MAY CAUSE SERIOUS INJURY.

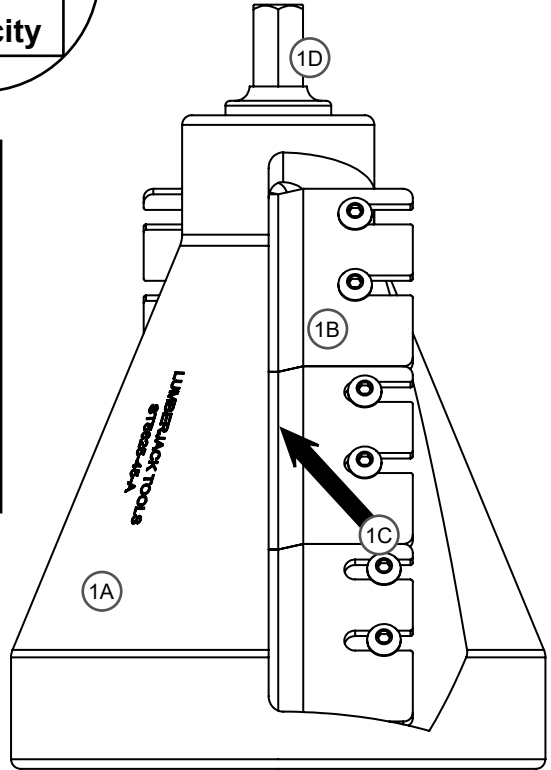
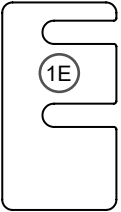


WHEN EXCESSIVE FORCE IS REQUIRED TO CUT, RE-SHARPEN OR REPLACE THE BLADES. A SHARP TOOL IS A SAFE TOOL!

# PART IDENTIFICATION

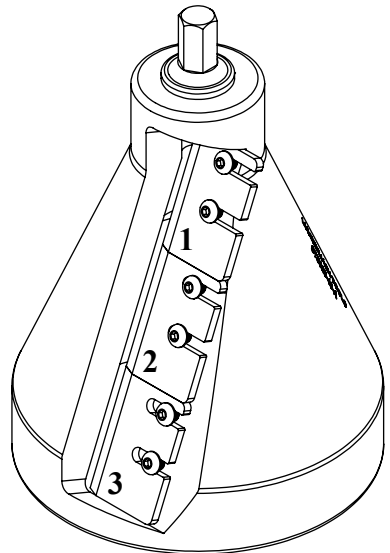
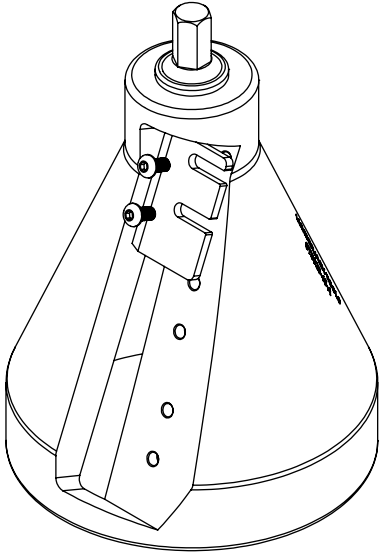


- ①A Tool Body (ST5625-45)
- ①B Blade (TB2500HD)
- ①C Blade Edge
- ①D Shank (SH1750)
- ①E Shim



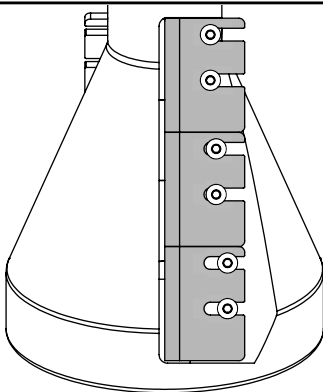
## SETTING THE BLADES

- Install blades top to bottom but keep the screws loose
- After all blades are installed, align the blade edges and tighten blade screws

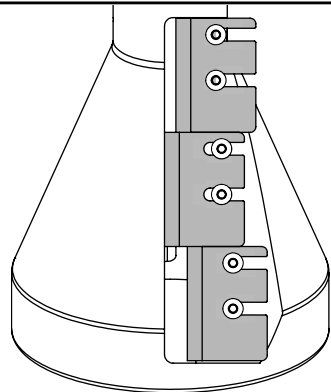


## BLADE ALIGNMENT

- If blades are not in alignment, the tool will not function properly and will not cut a point
- The images below show correct and wrong blade alignment



**CORRECT**  
(Blade edges aligned)

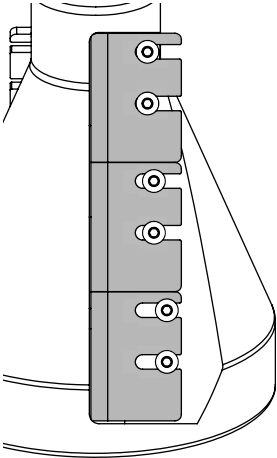


**WRONG**  
(Blades out of alignment)

# BLADE OFFSET

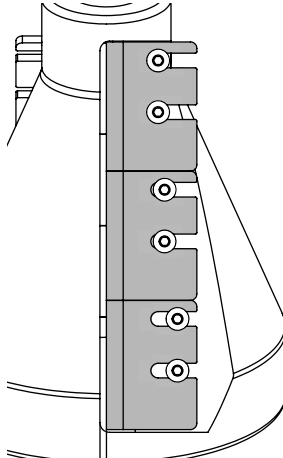
It is critical that all blades have the same "offset". Blade offset refers to the gap size between the blade edge and the side of the pocket.  $3/16"$  is the standard gap size to use.

- The tool will not cut with  $5/16"$  or greater spacing
- The tool will not cut with  $1/16"$  or less spacing



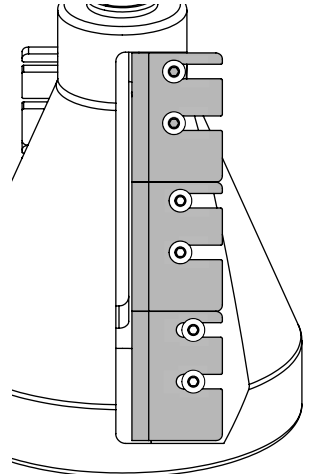
**WRONG**

(Blade too close)



$3/16"$

**CORRECT**



**WRONG**

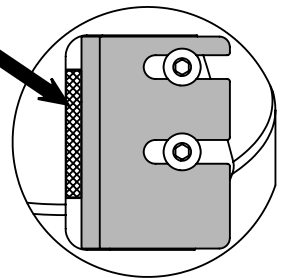
(Blade too far)



**Tip**

- The cardboard box that the tool comes in is about  $3/16"$  thick
- Remove a piece of box to use as a quick spacer for blade setting

Cardboard  
Spacer





Would you like to cut a smoother point?

USE THE INCLUDED BLADE SHIMS.

### PROS OF USING SHIMS

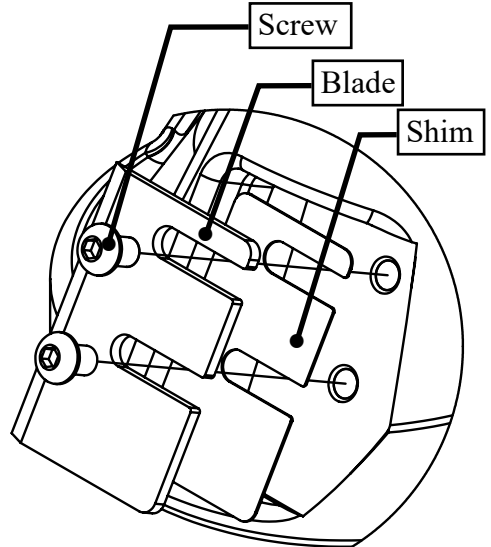
- Smoother stake
- Reduced drill torque
- Less aggressive blade bite

### CONS OF USING SHIMS

- Increased time to cut

### INSTALLING SHIMS

- Place a shim underneath a TB2500HD blade and secure both with screws as shown
- The shim should **NOT** extend into cutting area or cover the sharp edge of the blade
- If installed properly the right edge of the shim will be flush with the right edge of the blade (the non-cutting edge)



# CUTTING POINTS

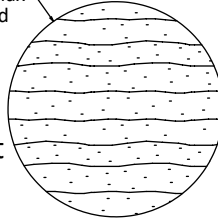


**WARNING:** If the log comes loose or unclamped while cutting a point, **DO NOT** drop the drill or try to grab the log! Stop the drill and remove it from the end of the log. Re-secure the log, and resume cutting

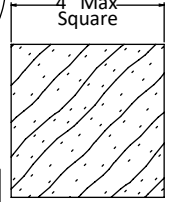
1

- Obtain the stock you want to cut to a point
- Cut it to length and make sure the ends are square. If the ends are not square, the point will be crooked.

5-5/8" Max Round



4" Max Square



Max

Capacity

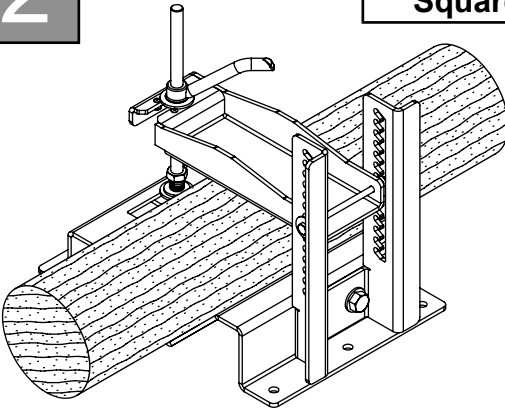
Round

5.625" DIA

Square

4.00" x 4.00"

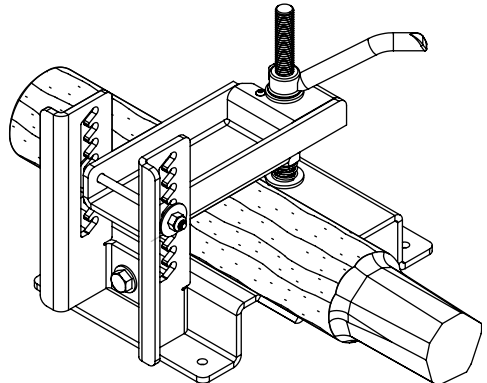
2



- Secure the stock in a vise, clamp, or fixture with a "V" shaped notch
- The **Log Lock XL (LL2580)** is a safe, easy, economical way to clamp material, and is available on our website

3

- If the log diameter is larger than the tool can accept, taper the end with a draw knife





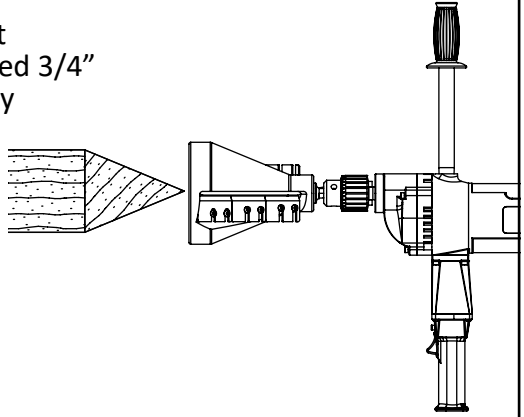
## CUTTING POINTS (CONT.)

**STOP**

ALWAYS unplug the drill before adjusting the blades or adjusting the chuck

4

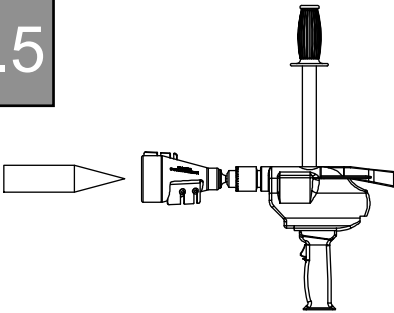
- Carefully install the post pointer into an unplugged 3/4" drill, and tighten it firmly
- Apply body pressure by leaning into the drill before starting the drill
- Pull the trigger to cut a point
- Wait until the drill comes to a stop before removing the cutter from the log



**STOP**

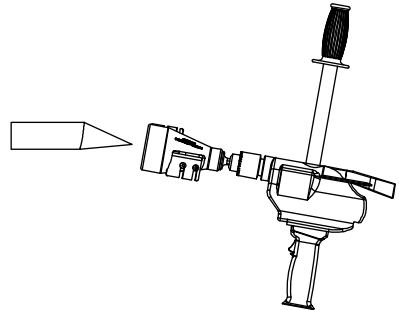
- Make sure the tool is square against the end of the log before cutting
- If the tool is held at an angle the point will be cut angled

4.5



**CORRECT**

Drill in-line with log



**WRONG**

Drill not in-line with log (crooked)

## ADAPTION TO MOTOR MOUNT (OPTIONAL)

- If desired, the Lumberjack Tools Motor Shaft Adapter can be mounted to an electric motor for production stake cutting
- Remove the shank that comes pre-installed to the tool
- The threading for the top of the Tool is 1" - 12 UNF
- Contact Lumberjack Tools or visit our website for more information
- **NEVER** exceed more than 1000 RPM when operating the tool

# MAINTENANCE

## ● Body

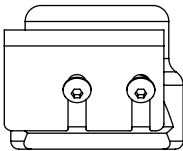
- Cleaning
  - Keep the post pointer body clear of sap and other build-up
  - Always remove the blades before cleaning
  - Clean the tool with a solvent (such as mineral spirits)



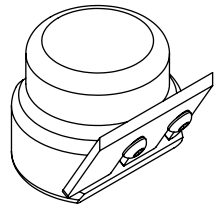
**WARNING: ALWAYS HANDLE THE BLADES WITH EXTREME CARE! FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY.**

## ● Blades

- Care
  - Always wipe blades with a thin film of oil at the end of the day to help prevent oxidation
- Cleaning
  - Clean the blades with a solvent (such as mineral spirits) and **immediately** apply a thin film of oil to prevent oxidation
- Sharpening
  - Use a sharpening stone, file or the **Blade Boss** (BB2575) to re-sharpen the blades, then clean the blades and apply a thin film of oil



*Visit our website or call for more information about our Blade Boss*



## ● Shank

- Replacement
  - If your shank breaks, we offer replacement shanks (see first page for contact information)
  - Turn the shank counter-clockwise to remove
  - Turn the shank clockwise to install

TASK	EACH USE
Clean blade pockets	X
Clean cutter bore	X
Clean blades	X
Inspect blades	X
Oil blades	X

# TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
<ul style="list-style-type: none"> <li>• Tool skips off to one side or bounces around</li> </ul>	<ul style="list-style-type: none"> <li>• Stock is larger than tool will accept</li> </ul>	<ul style="list-style-type: none"> <li>• Taper down the end of the stock with a draw knife</li> </ul>
	<ul style="list-style-type: none"> <li>• Not enough pressure is being applied</li> </ul>	<ul style="list-style-type: none"> <li>• Lean into drill with body</li> </ul>
<ul style="list-style-type: none"> <li>• Not cutting stock</li> </ul>	<ul style="list-style-type: none"> <li>• Stock is larger than tool will accept</li> </ul>	<ul style="list-style-type: none"> <li>• Taper down the end of the log with a draw knife</li> </ul>
	<ul style="list-style-type: none"> <li>• Blades are slid too close</li> </ul>	<ul style="list-style-type: none"> <li>• Position blades so they are back no closer than 1/8"</li> </ul>
	<ul style="list-style-type: none"> <li>• Blades are dull</li> </ul>	<ul style="list-style-type: none"> <li>• Sharpen blades</li> <li>• Purchase new blades</li> </ul>
	<ul style="list-style-type: none"> <li>• Not applying enough pressure</li> </ul>	<ul style="list-style-type: none"> <li>• Lean into drill with body</li> </ul>
<ul style="list-style-type: none"> <li>• Takes too much of a "bite"</li> </ul>	<ul style="list-style-type: none"> <li>• Aggressive cutting from dual blades</li> </ul>	<ul style="list-style-type: none"> <li>• Use the TB2500HD blade Shims</li> <li>• Remove blades from one side of tool</li> </ul>
<ul style="list-style-type: none"> <li>• Crooked stake</li> </ul>	<ul style="list-style-type: none"> <li>• Holding drill crooked while cutting</li> </ul>	<ul style="list-style-type: none"> <li>• Position the drill square against the stock before cutting</li> </ul>
<ul style="list-style-type: none"> <li>• Drill stops or cuts on small diameter stock but not larger</li> </ul>	<ul style="list-style-type: none"> <li>• Using a variable speed drill</li> </ul>	<ul style="list-style-type: none"> <li>• Make sure you are using a single-speed drill with low RPMs</li> </ul>
	<ul style="list-style-type: none"> <li>• Using a non-Milwaukee brand drill</li> </ul>	<ul style="list-style-type: none"> <li>• We recommend a Milwaukee 1660-6 or 1676 drill</li> </ul>
	<ul style="list-style-type: none"> <li>• Too much blade bite</li> </ul>	<ul style="list-style-type: none"> <li>• Remove blades from one side of tool</li> <li>• Use the blade shims</li> </ul>
<ul style="list-style-type: none"> <li>• Point breaking off end of stake</li> </ul>	<ul style="list-style-type: none"> <li>• Lateral wobbling of the drill</li> </ul>	<ul style="list-style-type: none"> <li>• Hold the drill as steady as you can while cutting</li> </ul>
	<ul style="list-style-type: none"> <li>• Removing the cutter while drill is still spinning</li> </ul>	<ul style="list-style-type: none"> <li>• DO NOT remove the cutter until the drill has come to a complete stop</li> </ul>

## UNEXPECTED OCCURENCES

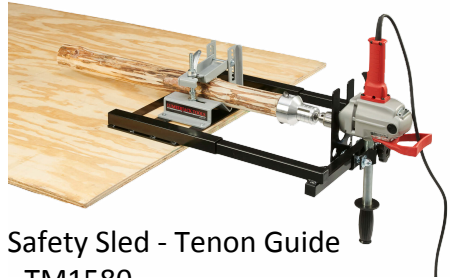
Engineers and Quality Control staff at Lumberjack Tools have provided you with one of the easiest to use and safest Post Pointer in the market. However, there is always the unexpected chance of failure.

- Please contact our customer support for a replacement if a failure ever occurs to the tool body, shank or blades

## RECOMMENDED LUMBERJACK TOOLS ACCESSORIES



Log Lock XL - LL2580



Safety Sled - Tenon Guide  
- TM1580



Drill Sergeant - Angle  
Driller - ADS4590



Countersink Bit Set - CSK4000

To order, visit [www.lumberjacktools.com](http://www.lumberjacktools.com) or call 715-514-0319.

3210 Hogarth St., Eau Claire, WI 54703 • 715-514-0319 • [www.lumberjacktools.com](http://www.lumberjacktools.com)