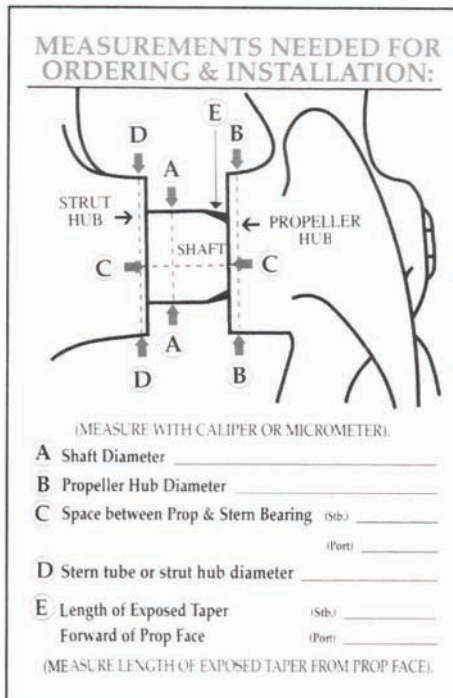


# SPURS<sup>®</sup>

## TAPER PAD SYSTEM FOR SPURS LINE & NET CUTTERS

APPLICABLE WHEN EXPOSED SHAFT TAPER EXCEEDS 3/4"



Use the Measurement Diagram.  
Fill in all dimensions from the  
vessel, then call Spurs Marine.  
Spurs will help determine the  
cutter model suitable for your vessel.



"E" Measure accurately from  
the propeller hub forward  
to where the shaft taper ends.

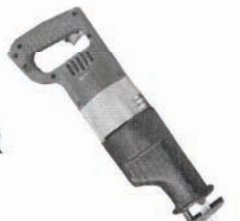
### INSTALLATION PROCEDURE

### TOOLS NEEDED



Cut Off  
Saw

OR



Reciprocating  
Hacksaw



Drill  
(Bit Provided)



Hammer

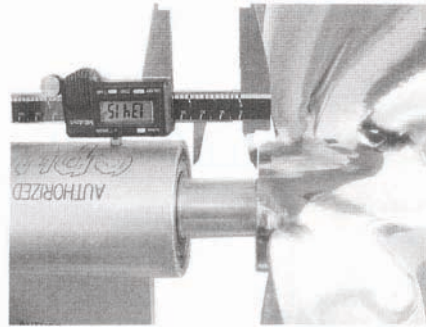
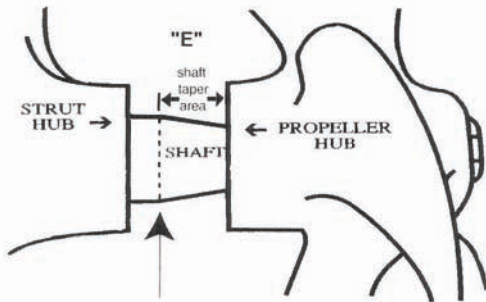


Spotting  
Punch  
(Provided)



Allen  
Key Set  
(Provided)

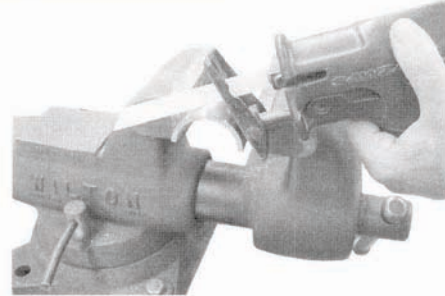
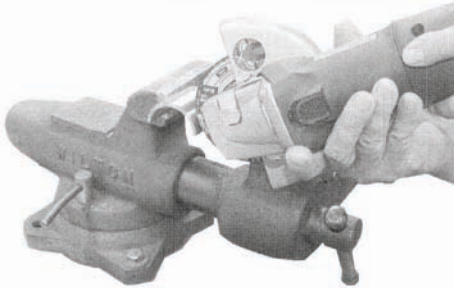
# STEP 1



"E" (Measure from forward end of taper to propeller hub)

- (1) "E" Measure accurately from the propeller hub forward to where the shaft taper ends.

# STEP 2

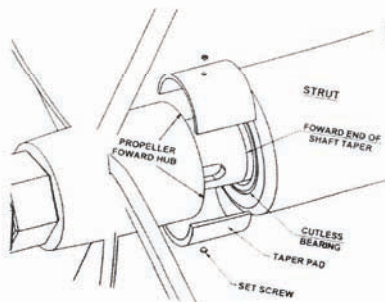


- (2) Use cut off saw or reciprocating hacksaw to cut taper pads 1/8" less then the measurement "E" then deburr the cut edges before installation.

**NOTE:** Cut and remove only the thick end of the taper pad (aft end).



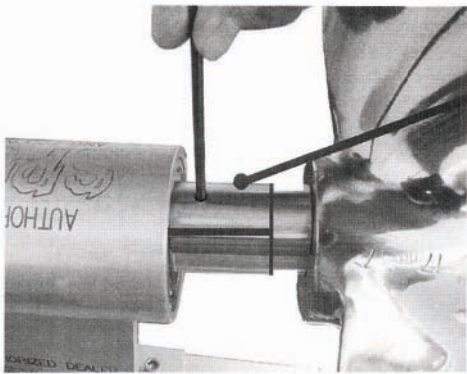
# STEP 3



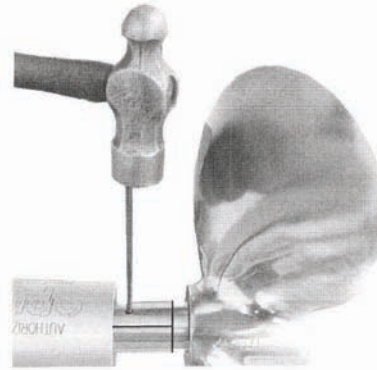
- (3) Place the cut off taper pad on the shaft at the forward end of the shaft taper, thin edge of taper pad foward. Be precise as to where the shaft taper ends by marking shaft with a marking pencil. Hold the pads on the shaft with a C-clamp or a hose clamp for step #4 as placement of the pad is critical.



## STEP 4

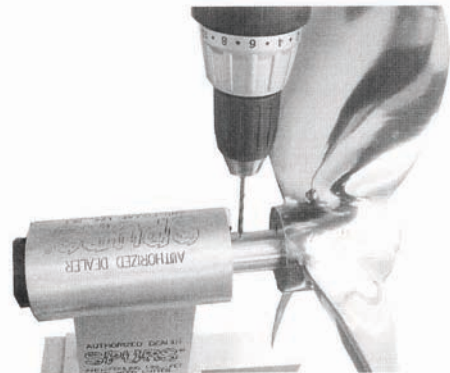


Clamp  
pads  
together



- (4) Secure the pads in place. Then use the spotting punch (provided) to transfer the hole position onto the shaft in (2) places 180 degrees apart; then remove the taper pads.

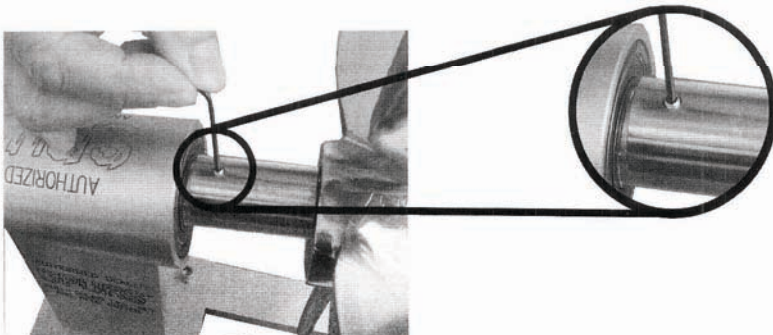
## STEP 5



- (5) Drill dimple holes into the shaft approx. .050 or not more than 1/16" deep (drill bit provided).

(Drilling dimple will not affect shaft strength integrity)

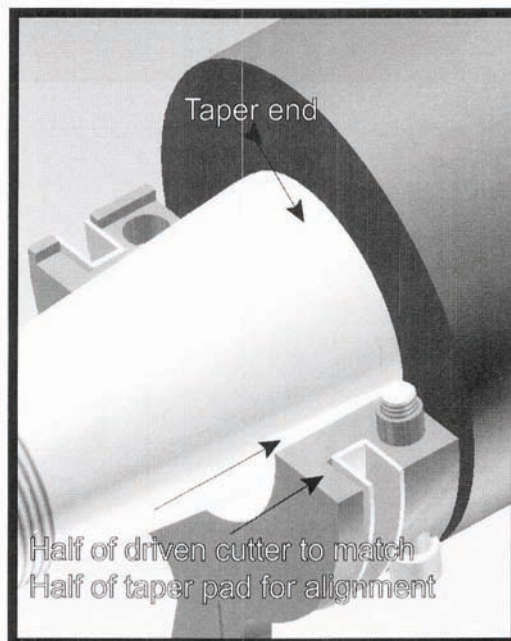
## STEP 6



- (6) Install screws (provided) into tapped hole in the taper pad until flush with the OD of the pad. Make sure screw protrudes into the dimple hole drilled in step #5. Do not touch the bottom of the dimpled holes with the screws.

# ORDERING YOUR SPURS LINE & NET CUTTER

- (1) Order your Spurs Line Cutter 1/4" larger than the shaft size (taper pads are 1/4" larger than the shaft).
- (2) Follow the installation instructions for standard cutter mounting of the Rotary Cutter over the taper pads, which now provides a straight surface for mounting the cutter.
- (3) When clamping the cutter over the taper pads, assure that the pads remain in place at the forward edge of taper and that pads do not touch each other along the horizontal cut.



# SPURS<sup>®</sup>

Please call Spurs Marine to assist with technical help.

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