



**OPERATION & MAINTENANCE**

# TURBINE “T” PULLEY

Turbine end disc pulleys are highly engineered products designed to give extreme reliability with minimal maintenance. To realize this reliability the following features must be maintained:

**END DISC SURFACES**

The relieved, or machined-out portion of the end disc is sensitive to welding, drilling, gouging, and any other operation, which could cause stress. Attachments cannot be made in this area. Consult PPI for proper methods for attaching accessories or determining criticality of damage in this area.

**LOCKING ELEMENT COVERS**

To prevent corrosion fatigue of locking element components, the covers are sealed and a grease barrier is provided for protection. If the covers are removed, these protective measures must be maintained for peak performance.

**SHAFT LOCKING ELEMENT LANDS**

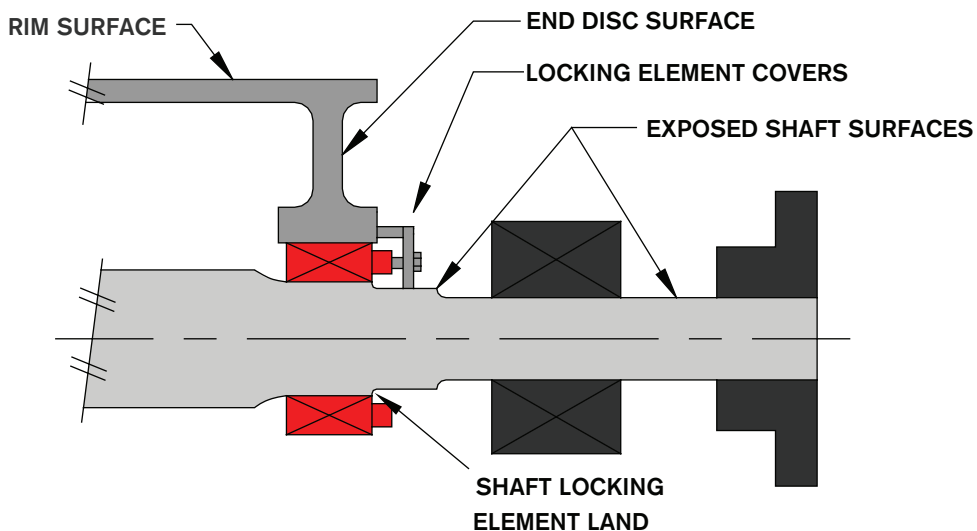
To control the shaft stress concentration at the locking element, lands have been provided on large shaft bores. If locking elements are removed, care must be taken to properly align locking element with land upon installation. Refer to locking assembly instructions for proper removal and installation procedures.

**EXPOSED SHAFT SURFACES**

For peak performance, care must be taken to protect exposed shaft surfaces from mechanical and/or corrosive damage. Never lift or move assembly with any device that could dent or scratch the shaft surface. Report all damage to PPI for review of performance impact. Shafts are highly stressed and sensitive to minor damage. Upon installation, verify that all exposed surfaces are covered with protective cosmoline type compound.

**RIM SURFACE**

Lagging has been provided to protect the pulley and belt. If this lagging should wear to pulley surface, it should be replaced for optimum performance. Running pulley without lagging will cause wear and reduce life of pulley and belt.



CORPORATE OFFICE • P.O. Box 287 • Pella, IA 50219  
800.247.1228 • 641.628.3115 • 641.628.3658 FAX