FAST-LOK® PLATE LIFTING SYSTEM

The Fast-Lok Pin is designed for use in applications where quick and easy removal is desired. The user is reminded to insure pin is properly installed prior to applying load.

NOTE: Minimum ultimate load is 5 times the working load limit. Bolt type anchor shackles supplied with thin head bolt & nut with cotter pin. Meets Federal Specification RR-C 271F, Type IVA, Grade A, Class 3.

Also available with Fast-Lok Pin.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rated Load (lbs)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>36906</td>
<td>10,000</td>
<td>FAST-LOK SYSTEM</td>
</tr>
<tr>
<td>36905</td>
<td>10,000</td>
<td>FAST-LOK</td>
</tr>
<tr>
<td>36903</td>
<td>10,000</td>
<td>FAST LOK PIN</td>
</tr>
<tr>
<td>36900</td>
<td>10,000</td>
<td>FAST-LOK PLATE</td>
</tr>
<tr>
<td>36551</td>
<td>10,000</td>
<td>BOLT TYPE ANCHOR SHACKLE</td>
</tr>
</tbody>
</table>

WELD-IN THREADED INSERTS

- Material: High Tensile Alloy Steel
- Certified Heat Treatment
- Welding instructions included with each shipment

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thread Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>36986</td>
<td>COIL</td>
<td>1 1/4</td>
<td>3</td>
<td>2-1/8</td>
<td>1</td>
<td>1/8</td>
</tr>
<tr>
<td>36992</td>
<td>COIL</td>
<td>1 1/2</td>
<td>3-1/2</td>
<td>2-3/8</td>
<td>1-1/2</td>
<td>3/8</td>
</tr>
</tbody>
</table>
Fast-Lok® Safety Lift Eye
SAFETY INSTRUCTIONS

CAUTION: PRIOR TO USING FAST-LOK® TOOL, PLEASE READ THE FOLLOWING FOR PROPER INSTALLATION AND USAGE.

• As with all mechanical devices, regular inspection for wear and strict adherence to use instruction is necessary to prevent misuse failure.

• **Caution**: Do not apply side loads in direction shown in FIG 2 & 3 below. Listed capacity is maximum safe working load.

• Despite the 5:1 safety factor, **NEVER EXCEED THE RATED LOAD CAPACITY**. This safety margin is needed in case of misuse, which could drastically lower load capacity.

• Always insert completely for proper lifting. Install Shackle and pin securely on the tool. Periodically check because pin could disengage with extended service.

• Condition of parent material should be checked for excessive wear.

• **AVOID SHOCK LOADING**. Always lift gradually. Repeat magnetic particle inspection if shock loading ever occurs.

• When more than one lift eye is used in conjunction with multiple-leg rigging, spreader bars, lifting yokes or lifting beams should be used to reduce angular loading.

• **Angular loading should be avoided. Angular loading occurs in any lift in which the lifting force is applied at an angle to the centerline of the eyebolt shank.**

• Mounting surface must be in acceptable working condition.

• Welded inserts must be perpendicular to the mounting surface.

• Always inspect Fast-Lok before use.

• Never use Fast-Lok that shows signs of excessive wear or damage.

• Never use Fast-Lok if eye or leds are bent or elongated.

• Always be sure Fast-Lok and receiving holes are clean.

• Never machine, grind or cut Fast-Lok.
WELDING INSTRUCTIONS
FOR WELD-IN FAST-LOK™ PLATE

- Material: Alloy steel.
- Minimum tensile strength of 180,000 psi.
- 100% Magnetic Particle Inspected
- Finish: Black Oxide per MIL C-13924B

WELDING INSTRUCTIONS:

- Use electrode AWS class E7018 per MIL-E-22200/1
- Center Fast-Lok Plate with 1/16" clearance on each side
- Align with top surface of road plate and tack weld in place to start.
- Preheat the Fast-Lok Plate and roadplate in an area approximately 6" radius around the roadplate cutout hole to 200°-300° F.
- Preheat temperature must be held during the welding process. A propane torch could be used for this.
- Use fresh electrodes because old electrodes may have absorbed humidity into the flux which could cause cracking.
- Weld Fast-Lok Plate to road plate from top side.
- Cool gradually to prevent cracking.
- For MIG welding use ER70S-2 or ER70S-6 .035 diameter wire.

SAFETY IS OUR BUSINESS