

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.

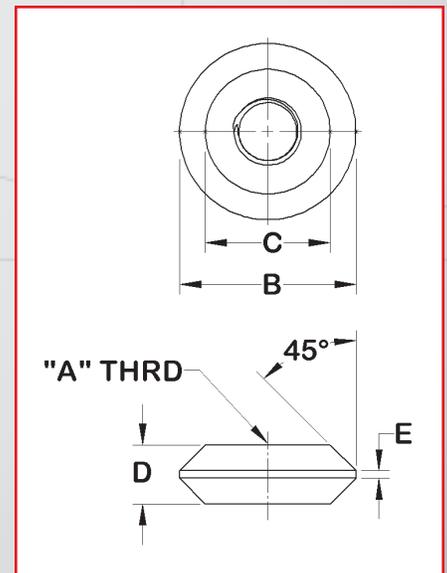
NOTE: Minimum ultimate load is 5 times the working load limit. Bolt type anchor shackles supplied with thin head bolt & nut with cotter pin. Meets Federal Specification RR-C 271F, Type IVA, Grade A, Class 3.

Also available with Fast-Lok Pin.

Part No.	Rated Load (lbs)	Description
36906	10,000	FAST-LOK SYSTEM
36905	10,000	FAST-LOK
36903	10,000	FAST LOK PIN
36900	10,000	FAST-LOK PLATE
36551	10,000	BOLT TYPE ANCHOR SHACKLE

WELD-IN THREADED INSERTS

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



Part No.	Thread Type	A	B	C	D	E
36986	COIL	1 1/4	3	2-1/8	1	1/8
36992	COIL	1 1/2	3-1/2	2-3/8	1-1/2	3/8



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.
- 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.**
- 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.

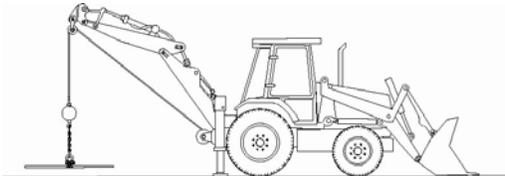


FIG 1
CORRECT

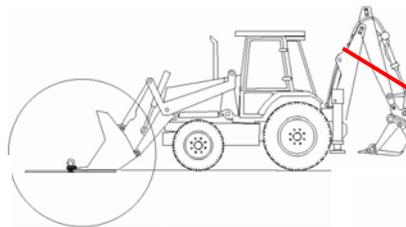


FIG 2

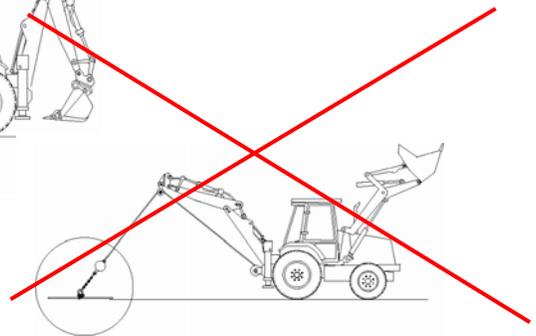
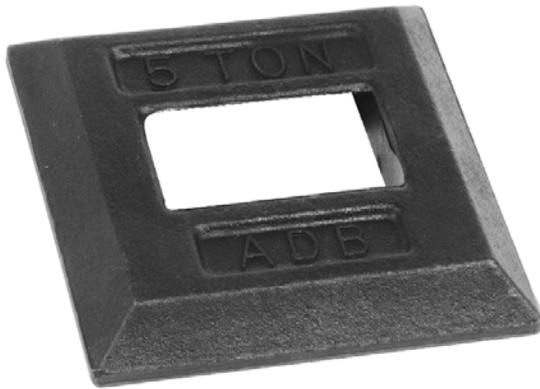


FIG 3
INCORRECT

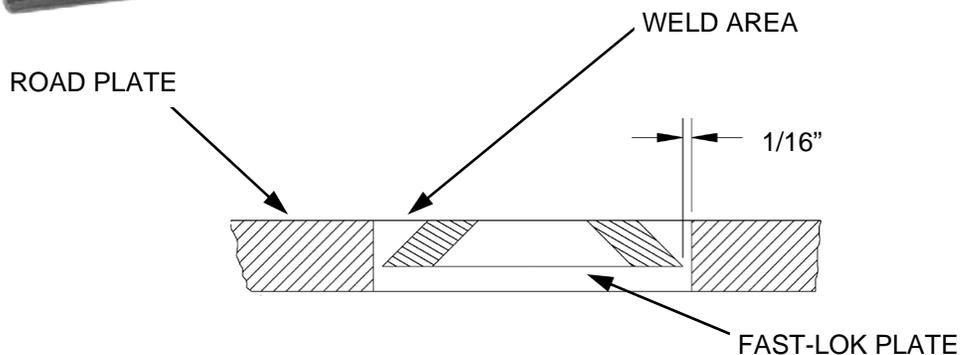
- Mounting surface must be in acceptable working condition.
- Welded inserts must be perpendicular to the mounting surface.
- Always inspect Fast-Lok before use.
- Never use Fast-Lok that shows signs of excessive wear or damage.
- Never use Fast-Lok if eye or leads are bent or elongated.
- Always be 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.

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