

OPERATING INSTRUCTIONS



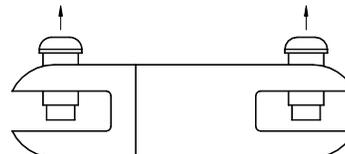
**Design &
Manufacturing Ltd.**

SERIES 00505A LOCKING LINE SWIVEL



INSTALLATION

1. Remove the clevis pins from the line swivel.
2. Insert the items you want to attach into the clevis ends.
Re assemble the clevis pins.



SAFETY



1. The line swivel is designed to operate only within its specified **safe working limit** (see *Operating Specifications*). Operation of the line swivel at loads in excess of its **safe working limit** will void the warranty as that may cause permanent bearing damage even though separation due to failure will not occur until the specified **ultimate load** is reached.
2. For underground use, the recommended safe working limit is 3:1 based on the ultimate load. For overhead use, the required safe working limit is 5:1 based on the ultimate load due to the higher risk of severe personal injury or property damage.
3. Line swivels are not designed to be pulled over sheaves or bullwheels since a bending load acts to increase the tension in the line swivel and may cause damage. If this situation cannot be avoided, select a line swivel with a safe working limit that is 20% greater than the anticipated straight tension load.
4. Never use a worn, defective or incomplete component. Ensure that all components of the pulling system are able to withstand the maximum pulling loads. Components not rated for the pull force may break and release the stored energy of the pull.
5. Do not modify or dismantle the line swivel. It has been assembled, and inspected and is only covered by a warranty in its "as shipped" form. Any attempt to dismantle or modify the swivel will void the warranty and may result in property damage, severe bodily harm, or death.
6. Be prepared for the unexpected. Use recognized safety practices and wear recognized safety equipment.

SERVICE



1. After each use, assess the condition of the line swivel checking for wear and external damage. Check for axial and radial play in the bearings.
2. Periodically lubricate larger swivels fitted with grease fittings.
3. Replace worn or bent clevis pins with original equipment manufacturer's pins. Replacement kits consisting of two pins are available.