

# OPERATING INSTRUCTIONS



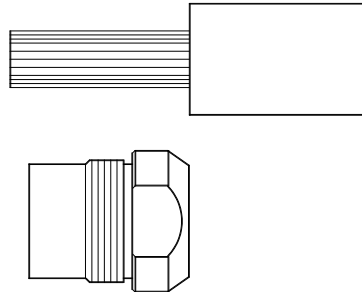
**Design &  
Manufacturing Ltd.**

**SERIES 00925 SWIVEL GRIP**

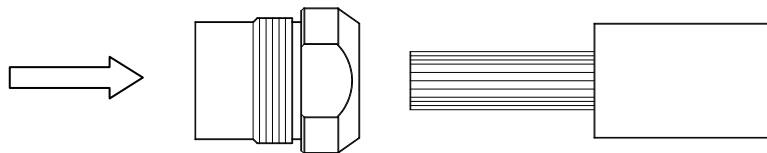


## INSTALLATION

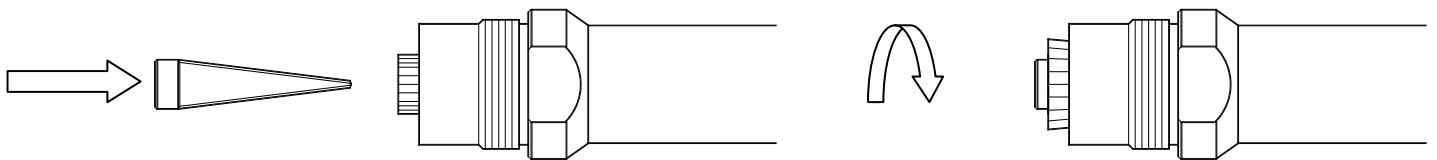
1. Cut back the cable jacket and insulation a length equivalent to the length of the threaded cone nut plus about 1/8" - 1/4".



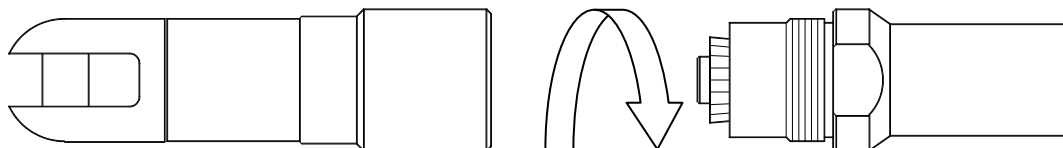
2. Slip the threaded cone nut over the exposed conductors.



3. Press the tapered insert into the center of the conductors and tap into place using a hammer. Use a hex wrench to turn the tapered insert until it will advance no further into the conductor core.



4. Screw the swivel grip body onto the threaded cone nut and cable assembly. Tighten the nut to the body using wrenches on the flats provided.



5. To remove the grip after use, unscrew the nut from the swivel grip body. Unscrew the tapered insert from the conductor core and remove the insert. Remove the cone nut from the cable.

6. After use, the end of the cable should be cut back at least 6 inches to remove any portion of the cable that was damaged by the grip.

# OPERATING INSTRUCTIONS



## SAFETY



1. The swivel grip is designed to operate only within its specified **safe working limit** (see *Operating Specifications*). Operation of the swivel grip 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. Swivel grips are not designed to be pulled over sheaves or bullwheels since a bending load acts to increase the tension in the swivel grip and may cause damage. If this situation cannot be avoided, select a swivel grip 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 swivel grip. 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 swivel grip checking for wear and external damage. Check for axial and radial play in the bearings.
2. Periodically lubricate larger swivel grips 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.



*Since 1980*