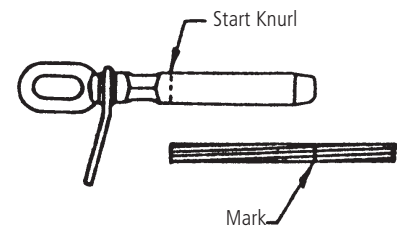


## Installation Instructions

### Non-Adjustable Quick Compress Dead Ends for ACSR Conductors

#### (VES/HES and VED/HED Series)

1. Prior to making any connections, the conductor must be wire brushed. If the conductor is weathered or blackened, carefully unlay the aluminum strands for a distance equal to the compression length of the dead end barrel. Clean the aluminum strands thoroughly with a wire brush. An alternate way to thoroughly clean the aluminum oxidation from the conductor is to use the ConductaClean® system. Straighten several feet of conductor removing set caused by reel.
2. Mark the conductor from the end, a distance equal to the length of compression barrel.



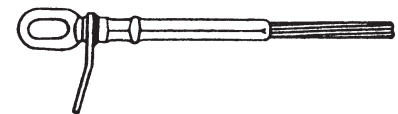
3. Cut the aluminum strands back a distance equal to the length of the core grip plus 1/4 inch (6 mm). Do not nick the steel strands. File burrs as necessary for ease of insertion.



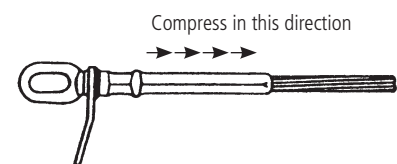
4. Insert the steel core into the core grip. Do not twist the core grip while inserting core wire.



5. Insert the core grip and conductor into the compression barrel. Be sure the conductor is inserted beyond the mark on the conductor.



6. To compress the aluminum barrel, select the proper die size as stamped on the barrel.
7. The dead end will bow during compression unless care is taken to have 15 feet (4.5 m) of the conductor supported straight out from the end of the dead end. The weight of the conductor should not hang unsupported when compressing.
8. Make the initial compression at the "start knurl" and continue making compressions to the end of the dead end body. Complete die closure is required for each compression. Overlap the previous compression by approximately 1/4 die bite. It is recommended that die grooves be well lubricated with a lightweight oil. Oil coating should be maintained during entire compression operation.
9. Remove flash, if any, with a file or an abrasive cloth.

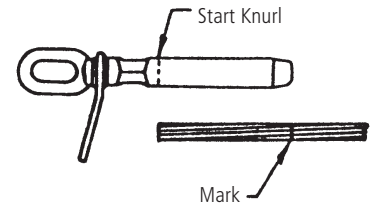


**CAUTION: Follow installation instructions carefully. Improper installation can result in mechanical failure of the cable system and possible injury to persons handling or in the vicinity of the cable systems.**

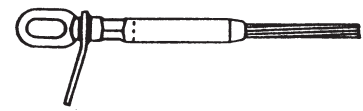
## Installation Instructions

### Non-Adjustable Quick Compress Dead Ends for AAC, AAAC and ACAR Conductors

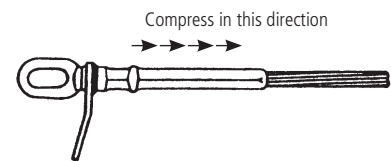
1. Prior to making any connections, the conductor must be wire brushed. If the conductor is weathered or blackened, carefully unlay the aluminum strands for a distance equal to the compression length of the dead end barrel. Clean the aluminum strands thoroughly with a wire brush. An alternate way to thoroughly clean the aluminum oxidation from the conductor is to use the ConductaClean® system. Straighten several feet of conductor removing set caused by reel.
2. Mark the conductor from the end, a distance equal to the length of compression barrel.



3. File burrs or sharp edges off the aluminum strands as necessary for ease of insertion.
4. Insert the conductor into the compression barrel. Be sure the conductor is inserted beyond the mark on the conductor.



5. To compress the aluminum barrel, select the proper die size as stamped on the barrel.
6. The dead end will bow during compression unless care is taken to have 15 feet (4.5 m) of the conductor supported straight out from the end of the dead end. The weight of the conductor should not hang unsupported when compressing.
7. Make the initial compression at the "start knurl" and continue making compressions to the end of the dead end body. Complete die closure is required for each compression. Overlap the previous compression by approximately 1/4 die bite. It is recommended that die grooves be well lubricated with a lightweight oil. Oil coating should be maintained during entire compression operation.
8. Remove flash, if any, with a file or an abrasive cloth.

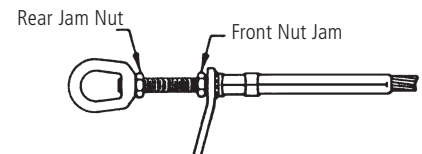
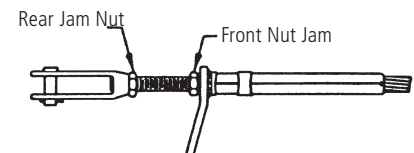


## Installation Instructions for Adjustable Quick Compress Dead Ends for ACSR, AAC, AAAC and ACAR Conductors

1. To install, follow steps 1-9 on previous page for ACSR or 1-8 above for AAC, AAAC and ACAR.

### To Adjust Dead Ends

2. Loosen rear nut jam.
3. Rotate clevis or eye for proper sag.
4. Tighten rear jam nut.

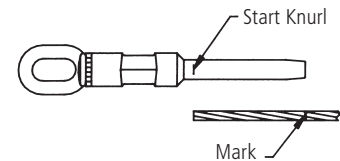


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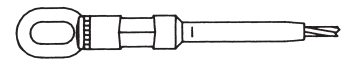
## Installation Instructions

### Non-Adjustable Quick Compress Dead Ends for Alumoweld® and Steel Ground Wire

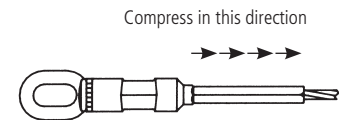
1. Serve the conductor, prior to cutting, to help maintain the round contour. File burrs or sharp edges off the conductor as necessary for ease of insertion.
2. Straighten several feet of conductor removing set caused by reel.
3. Prior to making connections, the conductor must be clean. If the conductor is weathered or blackened, clean strands thoroughly with wire brush.
4. Mark the conductor for a distance from the end equal to the length of compression of the aluminum barrel.



5. Insert the conductor into the compression barrel. Be sure the conductor is inserted beyond the mark on the conductor.
6. Select the proper die size to compress the aluminum barrel. The die size indicated on the aluminum barrel should match that indicated on the compression dies.
7. The dead end will bow during compression unless reasonable care is taken to have about 15 feet of the conductor supported straight out from the end of the dead end such that the weight of the conductor does not hang unsupported from the end of the dead end when compressing.



8. It is recommended that die grooves be well lubricated with a light weight oil. Oil coating should be maintained during entire compression operation.
9. Make initial compression starting at the start knurl. Continue making compressions to the end of the dead end barrel. Overlapping the previous compression by approximately 1/4 die bite. Complete die closure is required for each compression.
10. Compressed portion of the dead end should have a smooth uniform appearance. Remove flash, if present, with file or emery cloth.



**CAUTION: Follow installation instructions carefully. Improper installation can result in mechanical failure of the cable system and possible injury to persons handling or in the vicinity of the cable systems.**