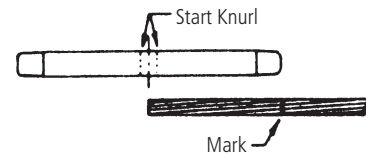


Installation Instructions

Quick Compress Joints for ACSR 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 half the length of the joint. 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 half the length of the joint.

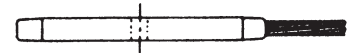
3. Cut the aluminum strands back a distance equal to the length of the core grip plus 1/4 inch (6 mm). Do not nick the steel strands. File burrs as necessary for ease of insertion.



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

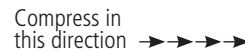


5. Insert the core grip and conductor into one end of the joint. Be sure the conductor is inserted to the mark on the conductor.



6. To compress, select the proper die size as stamped on the joint.

7. The joint will bow during compression unless care is taken to have a minimum of 15 feet (4.5 m) of the conductor supported on both sides.



8. Make the initial compression at the 'start knurl' and continue compressing toward one end of the joint. 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. Repeat Steps #1 through #8 with the other side to complete the joint.

10. 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.