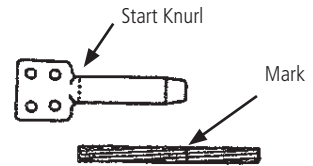


## Installation Instructions

### Standard Compression Terminals

#### (These instructions are not for HiTemp® Conductors)

1. Prior to making any connections, the conductor must be clean. For new conductor, the outside diameter shall be wire brushed to remove the aluminum oxidation. If the conductor is weathered or blackened, carefully unlay the aluminum strands for a distance equal to the compression length of the terminal. Clean all of the aluminum strands thoroughly with a wire brush.
2. Mark the conductor from the end, a distance equal to the compression length of the terminal.



#### Quick Compress:

- 3a. Insert the conductor into the terminal. Be sure the conductor is inserted to the mark on the conductor. The terminal comes pre-filled with compound from the factory.

#### Standard Compression:

- 3b. Inject sufficient AFL Filler Compound (AFC) in the end of the terminal bore and on the conductor to ensure that excess compound will be visible at terminal end when barrel is completely compressed. See chart below for proper amount of AFC required for each terminal size.



**AFC Filler Compound Required**

PARTIAL TERMINAL CATALOG NUMBER	LB.	GRAMS (G)
5172., 5672., 5872.	0.01	5
5173., 5673., 5873.	0.01	5
5174., 5674., 5874.	0.02	9
5175., 5675., 5875.	0.02	9
5176., 5676., 5876.	0.02	9
5106., 5606., 5806.	0.02	9
5109., 5609., 5809.	0.02	9
5110., 5610., 5810.	0.03	14
5111., 5611., 5811.	0.03	14
5112., 5612., 5812.	0.03	14
5113., 5613., 5813.	0.03	14
5120., 5620., 5820.	0.04	18
5124., 5624., 5824.	0.05	23
5127., 5627., 5827.	0.06	27
5130., 5630., 5830.	0.09	41
5134., 5634., 5834.	0.12	54
5136., 5636., 5836.	0.15	68
5138., 5638., 5838.	0.17	77
5140., 5640., 5840.	0.2	91
5142., 5642., 5842.	0.24	109
5144., 5644., 5844.	0.28	127
5148., 5648., 5848.	0.32	145

→  
*Continued*

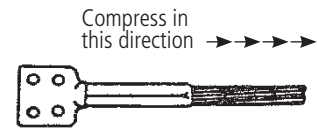
**CAUTION: Follow installation instructions carefully. Improper installation can result in mechanical failure of the cable system and possible injury to persons handling or in the vicinity of the cable systems.**

## Installation Instructions (cont.)

### Standard Compression Terminals

#### (These instructions are not for HiTemp® Conductors)

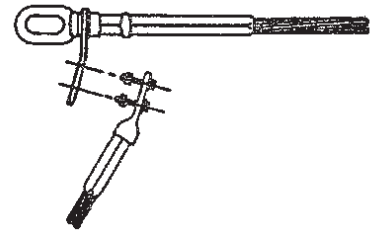
4. To compress, select the proper die size as stamped on the jumper connector.
5. Compress the terminal, beginning at the "start knurl." Continue compressing toward the end of the terminal. Complete die closure is required for each compression. Overlap the previous compression by approximately 1/4 die bite. It is recommended that die grooves be well lubricated with a lightweight oil. Oil coating should be maintained during entire compression operation. (Other acceptable mediums that can be used instead of oil are wax, soap or plastic bag the terminal was shipped in.)
6. Remove flash, if any, with a file or an abrasive cloth.



#### To Attach Terminal Connector to Dead End or Tee Tap

7. Clean contact surface of pads to be connected by wire brushing thoroughly and immediately coating with a thin film of No. 2 Electrical Joint Compound (EJC). Do not use AFC.
8. Bolt terminal to dead end pad. Partially tighten all bolts and then re-tighten each bolt to the recommended torque:

Aluminum 1/2" bolts - 25 lb-ft (34 N.m)  
 Stainless Steel 1/2" bolts - 40 lb-ft (54 N.m)



**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.**