



**Double Arming Bolt Diam. 5/8 in.
Length 36 in.**

Equipment Specification
Document No.: 4752.259
Item No.: 002-82906
Originating Dept: Transmission Eng.

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Management Approval

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	Signature and Date N/A

Version History

Version	Date	Revision Comments	Author	Reviewers	Approver
00	Dec 28, 2021		Rene Maldonado	Heriberto Gonzalez	Walter Carrasquillo
01	May 18, 2022	General revision for final approval	Emmanuel E. Rivera	Rene Maldonado Oscar Venegas	Walter Carrasquillo



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1. General

- 1.1. This is a general specification that covers the minimum requirements for hot dip galvanized, 5/8 in. Diam., double arming bolt used in the distribution and transmission system in Puerto Rico.
- 1.2. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site conditions, quantity, and other requirements.
- 1.3. This document includes the general electrical and mechanical characteristics of the material.

2. Specific Name

- 2.1. Double Arming Bolt Diam. 5/8 in. Length 36 in.

3. Basic Use

- 3.1. For general mechanical support to attach the electrical and distribution hardware on the distribution and 38 kV transmission system assemblies.

4. Special Requirements

- 4.1. Samples shall be furnished if requested by LUMA.
- 4.2. LUMA may require one (1) unit properly labeled for testing and analysis.
- 4.3. Descriptive and technical literature shall be supplied if requested by LUMA.

5. Marking and Packaging

- 5.1. All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

6. Equal or approved equal to:

- 6.1. Hubbell Catalog No. T2060419

7. Number per package:

- 7.1. As approved by LUMA.

8. Acceptance Criteria

- 8.1. Latest applicable codes, standards, and other regulations: ASTM (A307, A153)-IEEE (C135.1)-ASTM (E380).



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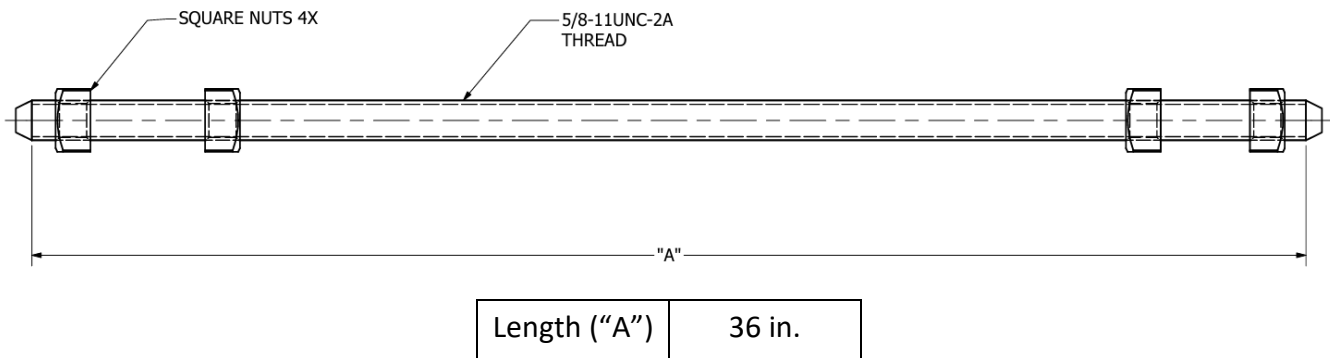
9. Description

- 9.1. Full thread bolt with semi-cone type point and four (4) standard square nuts.
- 9.2. The dimension of semi-cone point for a 5/8" Diam. bolt shall have a length of point of 1/4" beyond the last thread and an approximate angle of 60°
- 9.3. Tops of nuts shall be one (1) flat and one (1) chamfered.
- 9.4. The bolt should be grade A with minimum tensile strength of 12,400 lbs.
- 9.5. Each unit shall be furnished with one (1) hot dip galvanized steel bolt and four (4) square nuts.
- 9.6. They are used in double crossarm construction to secure and lock in the spacing between the crossarms.
- 9.7. Metric conversion as per latest ASTM.

10. Inspection

- 10.1. The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it shall not prevent subsequent rejection if such material is found to be defective later.

11. Drawing



— End of Specification —