



**Bolt and Plate for
Detachable Step Bolt**

Equipment Specification

Document No.: 4752.281

Item No.: 086-12889

Originating Dept: Transmission Eng.

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Management Approval

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| | Signature and Date N/A |

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| 00 | Dec 28, 2021 | | Rene Maldonado | Heriberto Gonzalez | Walter Carrasquillo |
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1. General

- 1.1. This is a general specification that covers the minimum requirements for a Bolt and Plate for Detachable Step 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. Bolt and Plate for Detachable Step Bolt.

3. Basic Use

- 3.1. To be used with the detachable pole step as a climbing device in 70S8, 85S8 and 95S13 galvanized steel poles.

4. Special Requirements

- 4.1. Samples shall be furnished if requested by LUMA.
- 4.2. LUMA may require One (1) units 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. Containers/pallets or package shall be marked outside with LUMA'S purchase order number and code number. Vendor shall prepare material and equipment for shipment in such manner as to facilitate handling and protection for damage. All material should be packaged and marked in such a way that the receiving warehouse can readily identify and send in one (1) 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 Chance Catalog No. T2050433.

7. Number of Pieces per package

- 7.1. Pallet quantity: 4800 units or as requested by LUMA.

8. Acceptance Criteria

- 8.1. Latest applicable codes, standards, and other regulations: ANSI/ASTM A153.

9. Description

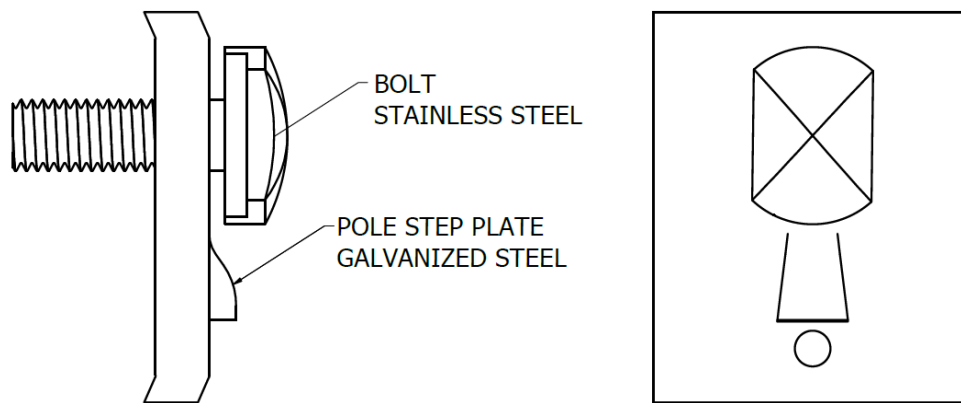
- 9.1. Bolt and plate assembly to be used in conjunction with detachable step bolt, to be installed on steel pole Rivnut inserts of 1/2 in., as a climbing device.
- 9.2. Step removal deters unauthorized pole climbing and makes a clean appearance.

- 9.3. Used with detachable step bolt Catalog No. PS6236 by Hubbell/Chance (Warehouse Code: 086-12882), for metal poles.
- 9.4. The bolt shall be 1/2 in. diam, 2 in. long, 1 1/4 in. minimum thread, stainless steel.
- 9.5. The plate shall be 2 1/4 in. by 2 3/4 in., 1/8 in. thick, hot dip galvanized steel.
- 9.6. 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. Typical Drawing:



– End of Specification –