



Equipment Specification
Document No.: 4402.022
Item No.: 002-01921
Originating Department: Distribution Engineering

Screw ½ x 4 ½ in. fetter-drive threads square head lag

1. Introduction

This is a general specification that covers ½ x 4 ½ in. fetter-drive threads square head lag screw to be used on the distribution system in Puerto Rico. Project information will be provided by LUMA Energy at time of order placement and will provide information on site specific conditions, quantity, and other requirements.

2. Special Requirements

2.1. Samples shall be furnished if requested by LUMA Energy.

3. Quantity

3.1. One (1) unit, properly labeled for testing and/or analysis. Vendors that have supplied this material to PREPA or LUMA Energy on previous orders, will not have to furnish samples at bid opening. Descriptive and technical literature shall be supplied if requested by LUMA Energy. Products described in this specification as requiring qualification, awards will be made only for such products that prior to the time act for opening of bids, have been tested and/or approved by LUMA Energy. Evidence of PREPA's or LUMA Energy's approval of the material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

4.1. Container must be marked outside with LUMA Energy's purchase order number and code number.

5. Equal or Approved Equal to

5.1. Hubbell - Chance catalog 50975 4 1/2.

6. Number per package (Logistics)

6.1. Two hundred (200) units per box.

7. Acceptance criteria

7.1. Latest applicable codes, standards, and other regulations: ANSI/NEMA- EEI.

8. Description

8.1. ½ x 4 ½ in. Fetter - drive threads square head lag screw. Hot - dip galvanized fetter- drive steel screw, ½ in. (1.27 cm) diameter and 4 ½ in. (11.43 cm) long. Shall be in accordance with EEI specification TD3, galvanizing as per ANSI/ASTM A153.

8.2. Metric conversions as per latest ASTM.

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9. Inspection

- 9.1. 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 would not prevent subsequent rejection if such materials were found later to be defective.

- End of Specification

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Screw 1/2 x 4 1/2 in.

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Document History

Version	Date	Author	Reviewer	Approver
5	8/11/2021	Rodolfo Flores	Rafael Torres	Ricardo Castro