



Anchor Shackle 80,000 lbs

Equipment Specification

Document No.: 4752.175

Item No.: 002-13785

Originating Dept: Transmission Eng

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Management Approval	
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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 shackle, anchor medium to be used in the 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. Anchor Shackle 80,000lbs.

3. Basic Use

- 3.1. For attach the transmission anchor guy system to the 115 & 230 kV transmission pole structure.

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. Hubble catalog No. AS60BNK

7. Number per package:

- 7.1. Pallet quantity: 480.

8. Acceptance Criteria

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

9. Description

- 9.1. Anchor shackle used to attach the transmission pole structure eye to affix the guy grip of the transmission anchor system.
- 9.2. Anchor shackle shall be made from drop-forged steel with an ultimate strength of 80,000LBF minimum.



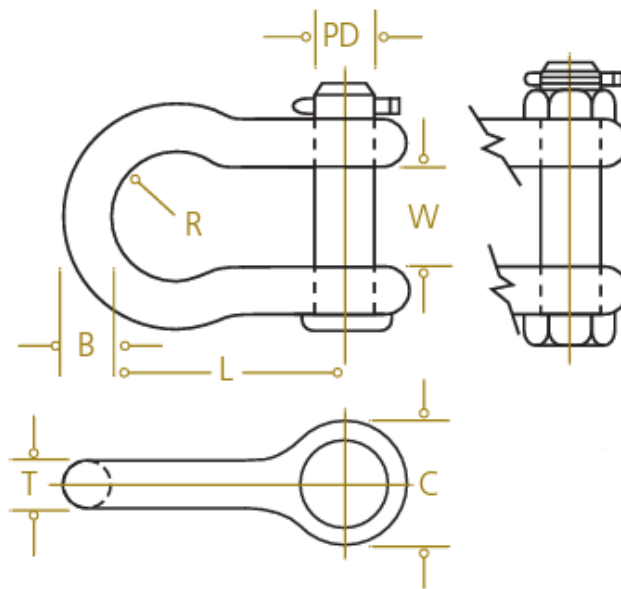
9.3. Shall be hot-dip galvanized in accordance with ANSI/ASTM A153.

9.4. 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



L Min.	B Min.	T Dia.	C Min.	W Min.	R Min.	PD
3 3/4"	7/8"	7/8"	2 1/8"	1 7/16"	1 1/8"	1"

— End of Specification —












4752.175 Anchor Shackle 80K


Final Audit Report

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