



Anchor Shackle 50,000 lbs

Equipment Specification

Document No.: 4752.174

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Originating Dept: Transmission Eng

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Author Emmanuel E Rivera Cruz Designer, Transmission & Substation Engineering Reviewer 1 Rene Maldonado Supervisor, Line Engineering Standards Reviewer 2 Oscar Venegas Lead Engineer, Trans Approver Walter Carrasquillo Alberty Manager, T&S Standards and Materials	Signature and Date Emmanuel E Rivera Cruz (May 31, 2022 10:32 EDT)
	Signature and Date Rene Maldonado (Jun 1, 2022 09:42 EDT)
	Signature and Date Oscar E Venegas (Jun 1, 2022 10:38 EDT)
	Signature and Date Walter Carrasquillo (Jun 1, 2022 11:19 EDT)

Management Approval	
Heriberto González Section Manager, Standards Darrel Wilvers Director, Asset Management	Signature and Date Heriberto Gonzalez (Jun 1, 2022 11:24 EDT)
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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 50,000lbs.

3. Basic Use

- 3.1. For attach the deadend conductor support assembly in aluminum towers.

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. AS50

7. Number per package:

- 7.1. Pallet quantity: 960.

8. Acceptance Criteria

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

9. Description

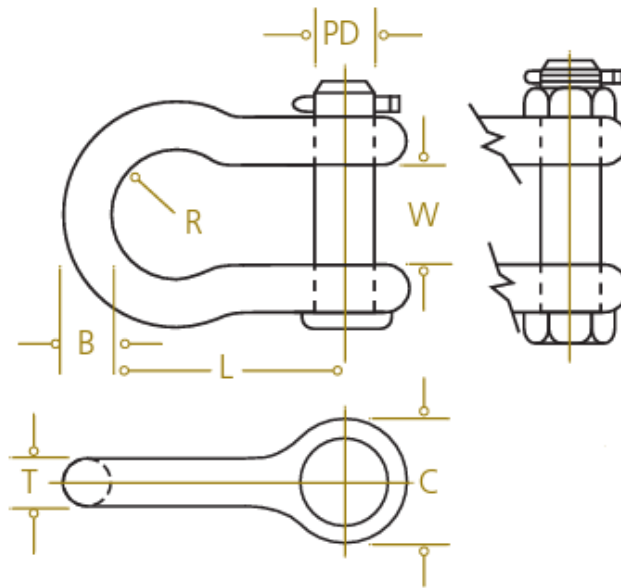
- 9.1. Anchor shackle used to attach the hardware (yoke plate) to the deadend clamp.
- 9.2. Anchor shackle shall be made from drop-forged steel with an ultimate strength of 50,000LBF minimum.
- 9.3. Shall be hot-dip galvanized in accordance with ANSI/ASTM A153.
- 9.4. Metric conversion as per latest 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 1/2"	7/8"	3/4"	1 7/8"	7/8"	3/4"	3/4"

— End of Specification —












4752.174 Anchor Shackle 50K


Final Audit Report

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