Quadrant Deadend Socket Clamp 3#6 OHGW

Equipment Specification
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Quadrant Deadend Socket Clamp 3#6 OHGW			
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Management Approval

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Version History

Version	Date	Revision Comments	Author	Reviewers	Approver
00	Dec 28, 2021		Rene Maldonado	Heriberto Gonzalez	Walter Carrasquillo
01	May 17, 2022	General revision for final approval	Emmanuel E. Rivera	Rene Maldonado Oscar Venegas	Walter Carrasquillo

1. General

1.1. This is a general specification that covers the minimum requirements for a Quadrant Deadend Socket Clamp 3#6 OHGW 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. Quadrant Deadend Socket Clamp 3#6 OHGW.

3. Basic Use

3.1. Aluminum bolted quadrant strain clamps is used to affix the overhead ground wire on transmission lines structures.

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. Catalog ID: SD57S

7. Number of Pieces per package

7.1. Pallet quantity: 243, or are requested by LUMA.

8. Acceptance Criteria

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

9. Description

9.1. Shall have socket connector ay one end of clamp body for punting installation.

9.2. Aluminum bolted quadrant strain clamps shall be made from drop-forged steel with an ultimate strength of 15,000 lbf minimum.

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

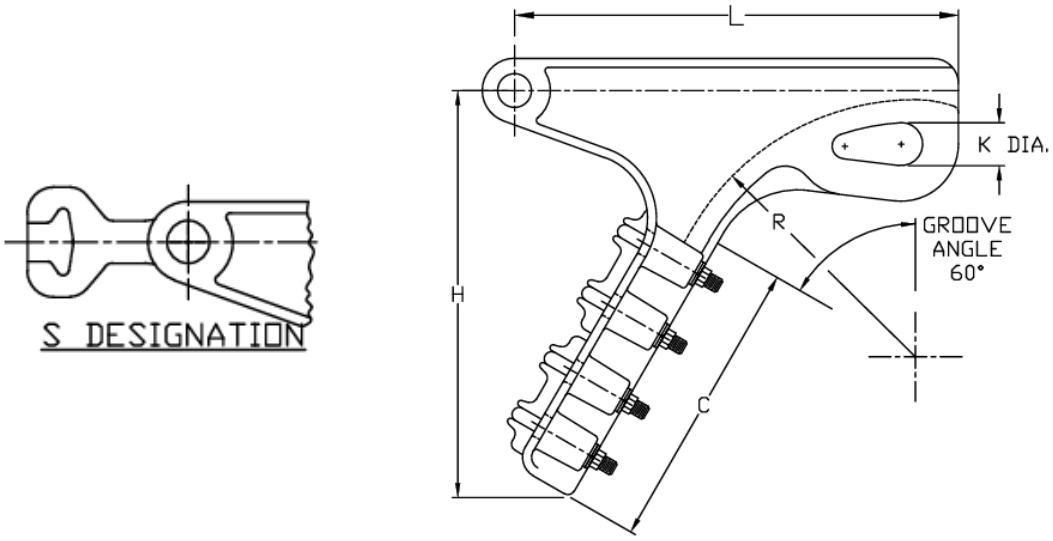
9.4. Body and keeper: heat-treated, high strength, cast aluminum alloy.

9.5. 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:



Clamp Range	L Min.	H Min	C Min.	K Dia	R Min.	U Bolts	
						No.	Size
0.2” – 0.64”	9.06”	6.75”	5.12”	1.25”	3.38”	3	0.50”

– End of Specification –