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W Die Sets for W Style Compatible Crimping Tools

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Material Specifications

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3

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Document History

Date	Revision Comments
Dec 08, 2021	Initial Release.
May 24, 2023	Addition of multiple items. General revision of description and compatible models.
June 6, 2023	Correction of multiple item codes.

Warehouse Catalog	Item Version	Date
086-01536	2	05/24/2023
086-84047	1	05/24/2023
086-01494	2	05/24/2023
086-82120	2	05/24/2023
086-84048	2	05/24/2023
086-84049	2	05/24/2023
086-84050	2	05/24/2023
086-84051	2	05/24/2023
086-84052	2	05/24/2023
086-01551	2	05/24/2023
086-01593	2	05/24/2023
086-01510	2	05/24/2023
086-84089	1	05/24/2023

Warehouse Catalog	Item Version	Date
086-02591	2	05/24/2023
086-84090	1	05/24/2023
086-84091	1	05/24/2023
086-84092	1	05/24/2023
086-01619	2	05/24/2023
086-01452	2	05/24/2023
086-01478	2	05/24/2023
086-02617	2	05/24/2023
086-84093	1	05/24/2023
086-84094	1	05/24/2023
086-84103	1	05/24/2023
086-84105	1	05/24/2023
086-84107	1	05/24/2023



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5. Introduction

This is a general specification that covers the minimum requirements W die sets for MD6/7 used in the distribution system in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site specific conditions, quantity, and other requirements. This document includes the general mechanical characteristics of the material.

6. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this material to PREPA / LUMA on previous orders, will not have to furnish samples at bid opening. The material will be received at the LUMA's general warehouse (011) at Palo Seco, Puerto Rico. Shipping will include transportation and unloading at the indicated warehouse.

7. Literature

Descriptive and technical literature must be supplied by the vendor at time of bidding. This literature may include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. Failure to submit documents on time will cause bidder disqualification. For products described in this specification as requiring qualification, awards will be made only for such products that, prior to the time for opening of bids, had been tested and/or approved by LUMA. Evidence of LUMA Energy's approval of the equipment or material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Packages shall be marked outside with LUMA Energy's purchase order and item number.
- 4.2. Packaging labels and tags shall be waterproof.

5. Compatible with:

- 5.1. Hubbell / Burndy – W die
- 5.2. See Table 1 for manufacturer part number.



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6. Packaging

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.

7. Number Per Package (Logistics)

One (1) unit per package or as requested by LUMA Energy.

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. Latest applicable codes, standards, and other regulations:
 - a. ANSI/IEEE

9. Description

- 9.1. Die set for conventional crimping operation with MD6/7 and others W style compatible tools.
- 9.2. Dies must be made of stainless steel or precision-made cast steel.
- 9.3. Must be compatible with all crimping tools that accept "W" dies.
- 9.4. For use with aluminum and copper compression terminals and splices
- 9.5. Die set must be rated for a minimum compression strength of 6 Tons.
- 9.6. Must be clearly marked for easy identification. Each die on set must have a permanent mark indicating the die index and style.



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9.7. Table 1.

Warehouse #	Asset Suite #	Compatible Manufacturer Catalog Number
		Burndy
086-01536	57389	W-C
086-84047	84047	W-L
086-01494	57387	W-O
086-82120	82120	W-BG
086-84048	84048	W-2CRT
086-84049	84049	W-25RT
086-84050	84050	W-26RT
086-84051	84051	W-27RT
086-84052	84052	W-28RT
086-01551	57390	W-161
086-01593	57391	W-162
086-01510	57388	W-163
086-84089	84089	W-165

Warehouse #	Asset Suite #	Compatible Manufacturer Catalog Number
		Burndy
086-02591	57434	W-166
086-84090	84090	W-239
086-84091	84091	W-241
086-84092	84092	W-242
086-01619	57392	W-243
086-01452	56071	W-247
086-01478	56075	W-248
086-02617	57435	W-249
086-84093	84093	W-251
086-84094	84094	W-660
086-84103	84103	W-690
086-84105	84105	W-693
086-84107	84107	W-702

10. Inspection

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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Appendix



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Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)
1	Specification	The Proponent complies with the corresponding specification document.	
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (ANSI, ASTM)	
3	Material	Made of stainless steel or precision-made cast steel.	
4	Compatibility	<ul style="list-style-type: none">• Compatible with W style compatible tools• Compatible with aluminum and copper compression terminal and splices	
5	Strength	Rated for minimum compression strength of 6 tons.	
6	Markings	Clearly marked for identification.	











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Final Audit Report

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