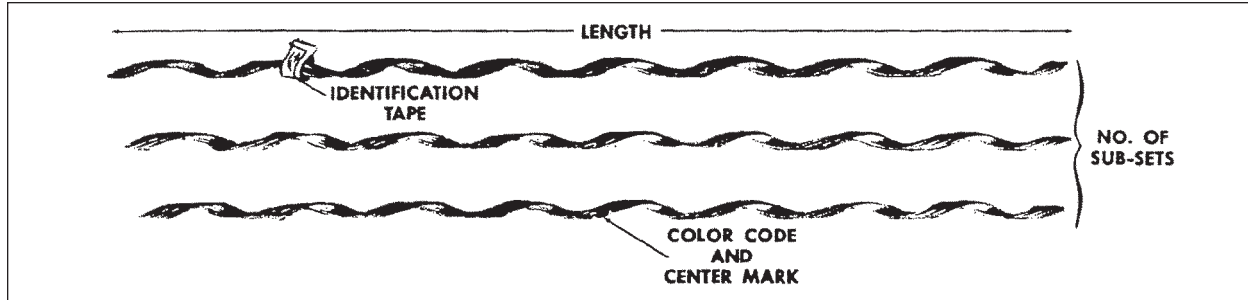


Strand Splice

NOMENCLATURE



Sub-Sets: Individual rods assembled and gritted into groups. The number of sub-sets per splice corresponds to the tabular information appearing on the catalog pages.

Center Mark: Establishes recommended alignment of strand size, corresponding to tabular information appearing on catalog page.

Identification Tape: Shows catalog number, nominal sizes.

GENERAL RECOMMENDATIONS

Strand Splices are intended for use on guys or messengers. Strand splices were not designed nor tested for use on overhead shield wires and are not intended for that application.

JOINING: These splices have a rated holding strength which is equivalent to the rated breaking strength of the strand.

RESTORATIVE-REPAIR: When the *Strand Splice* is centered over the point of damage, the full rated breaking strength of the strand will be restored.

Consult the Factory when the damage is located beyond the center of the immediate support area.

RATED HOLDING STRENGTH: Strand splices are rated for 100% of the strands published rated breaking strength unless otherwise noted. In arriving at "Rated Hold Strength," actual results of tests on unweathered strand are studied, and consideration is given to dimensional tolerances for the sizes encompassed.

APPLICATION-INSPECTION: *Strand Splices* should not be reused after original application. Lay direction of both the splice and the strand should be the same. Most strand is left-hand lay.

On lashed messenger, Strand Splices permit the spinner to travel over the splice without the need of lifting or adjusting the gates.

Alignment of the ends of the rods should be maintained within 1/2 pitch length.

MATERIAL SELECTION: *Strand Splices* are made of the same basic material as the strand to which they are applied. This pertains to galvanized, Copperweld, Aluminum-clad, stainless Type 302, and stainless Type 316. Any of these materials can be selected from the catalog tables. The recommended types of strand are also indicated.

SAFETY CONSIDERATIONS

1. This product is intended for a single (one-time) use and for the specified application. CAUTION: DO NOT REUSE OR MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.
2. This product is intended for use by trained craftspeople only. This product SHOULD NOT BE USED by anyone who is not familiar with and trained in the use of it.
3. When working in the area of energized lines with this product, EXTRA CARE should be taken to prevent accidental electrical contact.
4. For PROPER PERFORMANCE AND PERSONAL SAFETY be sure to select the proper size PREFORMED™ Strand Splices before application.
5. PREFORMED Strand Splices are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.



Strand Splice: Galvanized Steel

**For use on:
Extra High Strength, High Strength,
Siemens Martin, Utilities Grade²**

| Catalog Number | Strand | | | Units | Wt./Lbs. | Length (In.) | No. of Subsets | Rod Diameter (In.) | Color Code |
|----------------|------------|--------------|-----------------------|------------|----------|--------------|----------------|--------------------|------------|
| | Size (In.) | Construction | Actual Diameter (In.) | Per Carton | | | | | |
| GLS-2102 | 3/16 | 7W 7W | .195 .186 | 100 | 30 | 27 | 2 | .070 | Red |
| GLS-2103 | 7/32 | 7W | .216 | 100 | 36 | 29 | 2 | .070 | Green |
| GLS-2104 | 1/4 | 3W 7W | .259 .240 | 50 | 34 | 35 | 2 | .086 | Yellow |
| GLS-2105 | 9/32 | 7W | .279 | 50 | 36 | 38 | 2 | .086 | Blue |
| GLS-2106 | 5/16 | 3W 7W | .312 .327 | 50 | 46 | 42 | 3 | .086 | Black |
| GLS-2107 | 3/8 | 3W 7W | .356 .360 | 25 | 38 | 50 | 3 | .100 | Orange |
| GLS-2108 | 7/16 | 7W | .435 | 25 | 58 | 56 | 3 | .119 | Green |
| GLS-2109 | 1/2 | 7W 19W | .495 .500 | 10 | 36 | 63 | 3 | .138 | Blue |
| GLS-2110 | 9/16 | 7W 19W | .564 .565 | 10 | 52 | 70 | 4 | .159 | Yellow |

Left-hand lay standard

EXPLANATORY NOTES:

- (1) Refer to General Recommendations for explanation of "Rated Holding Strength."
- (2) Rated Holding Strengths are 100% of the published ratings for the strand.
- (3) Consult PLP for availability and sizes not shown.

Strand Splice: Bezinal®

**For use on:
Bezinal Strand²**

| Catalog Number | Strand | | | Per Carton | | Length (Inches) | Number of Subsets | Rod Diameter (Inches) | Color Code |
|----------------|---------------|--------------|------------------------|------------|--------------|-----------------|-------------------|-----------------------|------------|
| | Size (Inches) | Construction | Mean Diameter (Inches) | Units | Weight (Lbs) | | | | |
| BLS-9102 | 3/16 | 7W | .186 | 100 | 30 | 27 | 2 | .070 | Red |
| BLS-9104 | 1/4 | 3W 7W | .240 | 50 | 34 | 35 | 2 | .086 | Yellow |
| BLS-9106 | 5/16 | 3W 7W | .312 | 50 | 46 | 42 | 3 | .086 | Black |
| BLS-9107 | 3/8 | 3W 7W | .360 | 25 | 38 | 50 | 3 | .100 | Orange |
| BLS-9108 | 7/16 | 7W | .435 | 25 | 57 | 56 | 3 | .119 | Green |
| BLS-9109 | 1/2 | 7W 19W | .495 | 10 | 34 | 63 | 3 | .138 | Blue |

Left-hand lay standard

EXPLANATORY NOTES:

- (1) Refer to General Recommendations for explanation of "Rated Holding Strength."
- (2) Rating holding strength is 100% of the published rating for the strand.
- (3) Consult PLP for sizes and stranding not shown.
- (4) Bezinal is a registered trademark of the Bekaert Corporation.



Strand Splice

**For use on:
Aluminum Clad Steel²**

| Catalog Number | Strand | | Units | Wt./Lbs. | Length (Inches) | No. of Subsets | Rod Diameter (Inches) | Color Code |
|----------------|-----------------------------|------------------------|------------|----------|-----------------|----------------|-----------------------|------------|
| | Construction | Mean Diameter (Inches) | Per Carton | | | | | |
| AWLS-4102 | 3#12 | .174 | 50 | 12 | 19 | 2 | .081 | Orange |
| AWLS-4108 | 4M 3#10 | .220 .220 | 50 | 22 | 24 | 2 | .102 | Green |
| AWLS-4110 | 3#9 6M 1/4" | .247 .242 .242 | 50 | 24 | 25 | 2 | .102 | Yellow |
| AWLS-4113 | 3#8 9/32" 8M | .277 .272 .272 | 50 | 30 | 28 | 3 | .102 | Blue |
| AWLS-4116 | 3#7 10M 5/16"-7#10 | .311 .306 .306 | 50 | 34 | 30 | 3 | .102 | Black |
| AWLS-4119 | 3#6 12.5M 11/32"- 7#9 | .349 .343 .343 | 50 | 46 | 33 | 3 | .114 | Yellow |
| AWLS-4120 | 14M | .363 | 25 | 32 | 36 | 3 | .128 | Blue |
| AWLS-4122 | 3#5 3/8"-7#8 16M | .392 .385 .386 | 25 | 34 | 38 | 3 | .128 | Orange |
| AWLS-4124 | 18M | .417 | 25 | 45 | 41 | 3 | .144 | Black |
| AWLS-4125 | 7/16"-7#7 | .433 | 25 | 55 | 50 | 3 | .144 | Green |
| AWLS-4126 | 20M | .444 | 10 | 30 | 53 | 3 | .162 | Yellow |

Left-hand lay standard

EXPLANATORY NOTES:

- (1) Refer to General Recommendations for material selection.
- (2) Rated holding strengths are 100% of the published rating of the strand.
- (3) Consult PLP for availability and sizes not shown.

Strand Splice: Copperweld®

For use on:
Copperweld Strand²

| Catalog Number | Strand | | Units | Wt./Lbs. | Length (Inches) | No. of Subsets | Rod Diameter (Inches) | Color Code |
|----------------|-----------------------------|------------------------|------------|----------|-----------------|----------------|-----------------------|------------|
| | Size | Mean Diameter (Inches) | Per Carton | | | | | |
| CLS-8100 | 2.2M | .164 | 50 | 12 | 18 | 2 | .081 | Orange |
| CLS-8102 | 3#12 | .174 | 50 | 14 | 19 | 2 | .081 | Red |
| CLS-8106 | 4M | .209 | 50 | 20 | 22 | 2 | .091 | White |
| CLS-3101 | 3#10 | .220 | 50 | 28 | 24 | 2 | .102 | Green |
| CLS-3103 | 3#9 6M | .247 .237 | 50 | 28 | 25 | 2 | .102 | Yellow |
| CLS-3104 | 6M3 | .258 | 50 | 32 | 26 | 3 | .102 | White |
| CLS-3106 | 8M 3#8 | .276 .277 | 50 | 36 | 28 | 3 | .102 | Blue |
| CLS-3109 | 10M 7#10, 5/16" 3#7 | .303 .306 .311 | 50 | 40 | 30 | 3 | .102 | Red |
| CLS-3112 | 7#9, 11/32" 12.5M 3#6 | .343 .345 .349 | 50 | 58 | 33 | 3 | .114 | Green |
| CLS-3113 | 14M | .360 | 25 | 38 | 36 | 3 | .128 | Blue |
| CLS-3115 | 7#8, 3/8" 16M 3#5 | .385 .386 .392 | 25 | 40 | 38 | 3 | .128 | White |
| CLS-3117 | 18M | .414 | 25 | 56 | 41 | 3 | .144 | Orange |
| CLS-3118 | 20M 7#7, 7/16" | .438 .433 | 10 | 28 | 50 | 3 | .144 | Yellow |
| CLS-3121 | 7#6, 1/2" | .486 | 10 | 38 | 55 | 3 | .162 | Blue |
| CLS-3123 | 25M | .525 | 10 | 52 | 61 | 3 | .182 | Green |
| CLS-3124 | 7#5, 9/16" | .546 | 10 | 54 | 63 | 3 | .182 | Yellow |

Left-hand lay standard

EXPLANATORY NOTES:

- (1) Refer to General Recommendations for material selection.
- (2) Rated holding strengths are 100% of the published rating of the strand.
- (3) Consult PLP for availability and sizes not shown.
- (4) Copperweld® is a registered trademark of the Copperweld Co.



Strand Splice: Stainless Steel

**For use on:
Type 302, 430 or 316 Stainless Steel Strand**

| Catalog Number | Strand | | Units | Wt./Lbs. | Rod Diameter (Inches) | Color Code |
|--|-----------------|------------------------|------------|----------|-----------------------|------------|
| | Size (Inches) | Mean Diameter (Inches) | Per Carton | | | |
| For Use On: Type 302 and 430 Strand | | | | | | |
| SLS-5101 | 7/32,-3W -7W | .224 .216 | 50 | 24 | .071 | Blue |
| SLS-5102 | 1/4,-3W -7W | .259 .249 | 50 | 36 | .085 | Yellow |
| SLS-5103 | 9/32,-7W | .279 | 50 | 40 | .085 | Black |
| SLS-5104 | 5/16,-7W | .312 | 50 | 34 | .101 | Orange |
| SLS-5105 | 3/8,-3W 7W | .356 .360 | 25 | 50 | .120 | Green |
| For Use On: Type 430 Strand | | | | | | |
| SLS-5106 | 7/16,-7W | .435 | 10 | 38 | .139 | Red |
| SLS-5107 | 1/2,-7W | .495 | 10 | 58 | .161 | Blue |
| For Use: Type 316 Strand | | | | | | |
| SLS-6101 | 7/32,-3W 7W | .224 .216 | 50 | 24 | .071 | Blue |
| SLS-6102 | 1/4,-3W -7W | .259 .249 | 50 | 36 | .085 | Yellow |
| SLS-6103 | 9/32,-7W | .279 | 50 | 40 | .085 | Black |
| SLS-6104 | 5/16,7W | .312 | 50 | 64 | .101 | Orange |
| SLS-6105 | 3/8,-3W -7W | .356 .360 | 25 | 50 | .120 | Green |

Left-hand lay standard

EXPLANATORY NOTES:

- (1) Refer to General Recommendations for material selection.
- (2) Rated holding strengths are 100% of the published rating of the strand.
- (3) Consult PLP® for availability and sizes not shown.