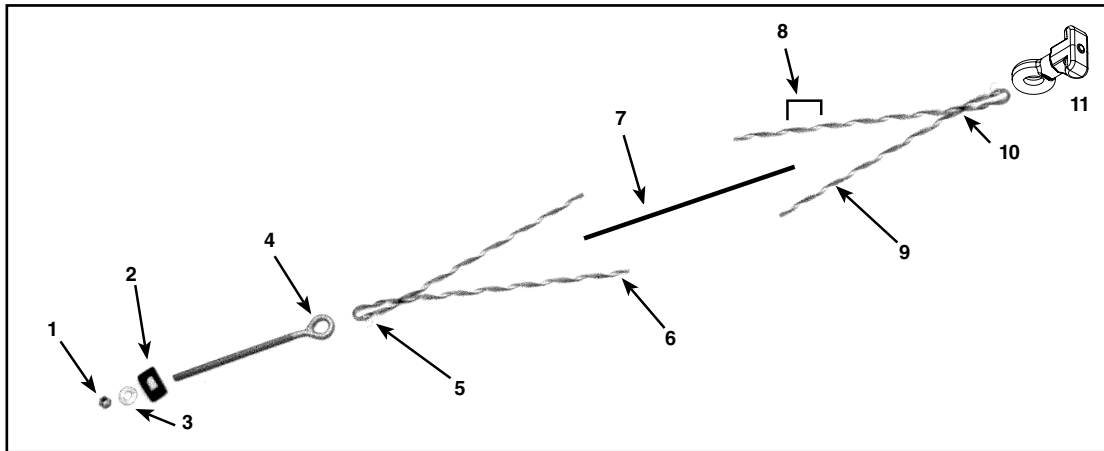
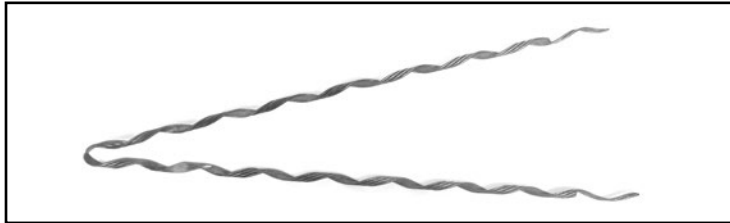




BRACE-GRIP® Dead-end for EHS Strand & Steel Rod

Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED™ product before application.



NOMENCLATURE

- 1. Square Nut, not supplied by PLP
- 2. Hillside, Beveled or Slope Washer, not supplied by PLP
- 3. Flat Washer, not supplied by PLP
- 4. Eyebolt, not supplied by PLP
- 5. Identification Tape
- 6. Offset Leg
- 7. Extra High Strength Galvanized Steel Strand or Steel Rod
- 8. Pitch length (equals one complete wrap)
- 9. Leg
- 10. Color Coded Crossover Mark
- 11. BRACE-EYE™

BRACE-GRIP Dead-end for Rod Cat. No.	BRACE-GRIP Dead-end for Strand Cat. No.	Strand Rod Size (mm)	Eyebolt Size (mm)
N/A	BRG-2580	1/4" (6.4)	1/2" (12.7)
N/A	BRG-2582	5/16" (7.9)	5/8" (15.9)
N/A	BRG-2583	3/8" (9.5)	3/4" (19.1)
N/A	BRG-2584	7/16" (11.1)	3/4" (19.1)
BRG-1785	BRG-2585	1/2" (12.7)	7/8" (22.2)
BRG-1786	BRG-2586	9/16" (14.3)	1" (25.4)
BRG-1787	BRG-1587	5/8" (15.9)	1-1/4" (31.8)
BRG-1788	BRG-4588	3/4" (19.1)	1-1/4" (31.8)
BRG-1790	N/A	1" (25.4)	1-1/4" (31.8)
BRG-1791	N/A	1-1/4" (31.7)	1-1/4" (31.8)

Step #1 SELECTING THE PROPER BRACE-GRIP DEAD-END

BRACE-GRIP Dead-ends are designed for use in metal building installations only. BRACE-GRIP Dead-ends are designed to fit EHS galvanized steel strand and steel rod.

For EHS galvanized strand, ONLY use left hand lay steel strand.

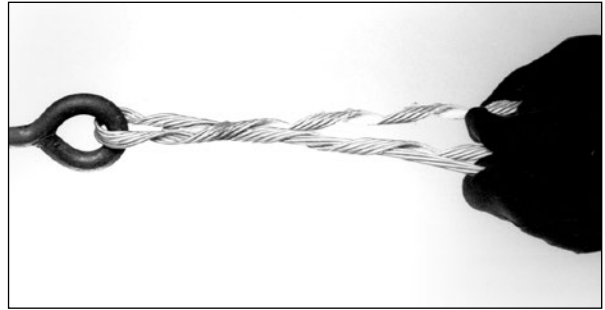
The chart lists the recommended eyebolt sizes to be used with BRACE-GRIP Dead-ends.

Step #2 DEAD-END APPLICATION

Insert one leg through the eyebolt. Apply thumb pressure to hold the end of the strand at the color crossover mark as shown below.



Step #4 Match the color codes of the crossover marks, and apply the other leg.



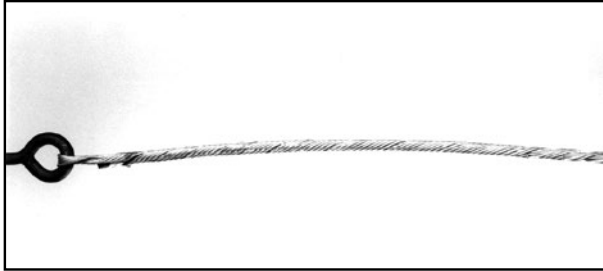
Step #3 Apply the first two pitch lengths to the strand or rod. A pitch length is one complete wrap around the strand. Continue to wrap the leg out and away from the strand until one more pitch length is applied.



Step #5 The offset leg ends allow for fast and easy installation of the final section of each leg



Step #6 The dead-end completely applied is shown below.



Step #7 Insert the shaft of the eyebolt through the hole in the web plate of the beam. Apply a beveled, hillside or slope washer to the protruding end of the bolt. Next, apply a washer and a nut. **Obtain the proper tension of the strand by tightening the nuts on the eyebolts.**



GENERAL NOTES

- BRACE-GRIP Dead-ends are precision devices. To insure a tight assembly, they should be handled carefully. To prevent distortion and damage, they should be installed as illustrated.
 - Care should be taken to avoid gouging or damaging the corrosion preventative material.
 - BRACE-GRIP Dead-ends must have the same lay direction as the strand to which they are applied.
 - BRACE-GRIP Dead-ends should not be used in hardware which allows the strand to rotate or spin about its axis, such as a swivel.
 - BRACE-GRIP Dead-ends should not be applied with tools. They should be applied by hand.
 - It is recommended that BRACE-GRIP Dead-ends be used on strand lengths which do not exceed 50 feet (15.2 Meters).
- CAUTION:** BRACE-GRIP Dead-ends must not be used as tools (i.e., come-alongs or pulling-in-grips).
- BRACE-GRIP Dead-ends are designed to be applied over smoothly contoured hardware.
 - If in doubt about fittings or applications, contact PLP for an engineering recommendation.

SAFETY CONSIDERATIONS

This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. **FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN PERSONAL INJURY OR DEATH.**

This product may be removed and reinstalled if it is in good condition. After extended service life, it is recommended the product not be reused once removed from service.

Do not modify this product under any circumstances, unless specifically stated in this procedure.

This product is intended for use by trained technicians only. **This product should not be used by anyone who is not familiar with, and not trained to use it.**

When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

For proper performance and personal safety, be sure to select the proper size PREFORMED™ product before application.

PREFORMED products are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.



PREFORMED LINE PRODUCTS

P.O. Box 91129, Cleveland, Ohio 44101 • 440.461.5200 • www.preformed.com • e-mail: inquiries@preformed.com

SP2701-5