

Big-Grip Dead-end

Big-Grip Dead-ends are designed for use with antenna, communications tower, microwave and various guyed structures that require use of large guy strand. They are effective at both the structure top and the anchor bottom.

Big-Grip Dead-ends are left hand lay standard and are applied to the same basic materials as the strand (galvanized strand, aluminum covered strand, except where noted differently).

The Big-Grip Dead-end is designed to be applied quickly in the field, without tools, and usually by one person.

Concentrated stresses in the anchor area are minimized by the cabled loop. Long length helical gripping distributes other stresses uniformly and evenly.

For more detailed information concerning installation guidelines contact Preformed Line Products.

Galvanized Strand

For use on:

- Extra High Strength
- High Strength
- Siemens Martin
- Utilities Grade

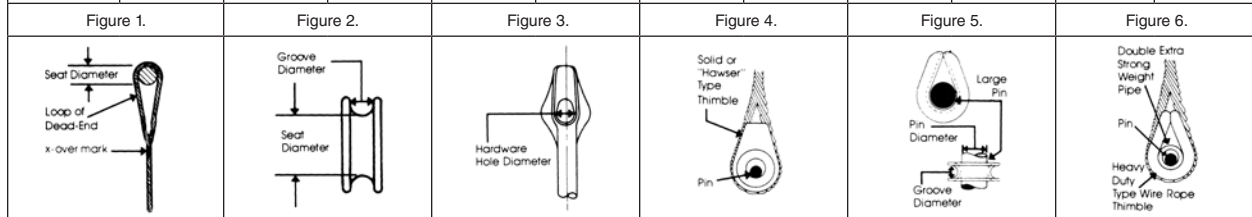


| Catalog Number | Size (mm) | Strand Construction | Actual Diameter (mm) | BG Per Carton | | Approx. Length (m) | Color Code | Rated Holding Strength | % of Strand's Rated Breaking Strength |
|----------------|--------------|---------------------|------------------------------|---------------|---------|--------------------|------------|------------------------|---------------------------------------|
| | | | | Units | Wt/ Lbs | | | | |
| BG-2115 | 1/2" (12.7) | 7W or 19W | .495"(12.5) or .500"(12.7) | 20 | 63 | 49" (1.24) | Blue | 26,900# | (100%) |
| BG-2116 | 9/16" (14.2) | 7W or 19W | .564"(14.3) or .565" (14.3) | 10 | 48 | 55" (1.39) | Yellow | 35,000# | (100%) |
| BG-2111 | 5/8" (15.8) | 7W or 19W | .621"(15.7) or .625"(15.8) | 10 | 65 | 64" (1.62) | Black | 40,200# | (100%) |
| *BG-1112 | 3/4" (19.0) | 19W | .750"(19.0) | 5 | 54 | 76" (1.93) | Orange | 58,300# | (100%) |
| *BG-1113 | 7/8" (22.2) | 19W | .885"(22.4) | 5 | 47 | 90" (2.28) | Green | 79,700# | (100%) |
| *BG-1114 | 1" (25.4) | 19W or 37W | 1.000"(25.4) or 1.001"(25.4) | 3 | 76 | 125" (3.17) | Blue | 104,500# 92,430# | (100%) (90%) |

Note: Left Hand Lay Standard.

*Manufactured from B-Coat Galvanized steel. B-Coat galvanized steel is used for the Big-Grip Dead-ends used on 3/4", 7/8" and 1" strand. The Aluminum Clad Steel version of the 7/8" and 1" Big-Grip are still available as catalog numbers BGMS7023 (7/8") and BGMS7047 (1"). Consult PLP for sizes and stranding not shown.

| Strand Diameter (mm) | Nominal Strand (mm) | Seat Dimensions | | Minimum Groove Diameter (mm) | Minimum Hardware Hole Diam. (mm) | Thimble Size (mm) | Pin Diameters | | Double Extra Strong Weight Pipe | | |
|----------------------|---------------------|-----------------|----------------|------------------------------|----------------------------------|----------------------------|---------------|---------------|---------------------------------|-------|-------|
| | | Min. (mm) | Max. (mm) | | | | Min. (mm) | Max. (mm) | Nominal Size (mm) | O.D. | I.D. |
| .475"-.515" (12-18) | 1/2" (12.7) | 1 3/8" (34.9) | 2 3/8" (60.3) | 9/16" (14.2) | 3/4" (19.0) | 5/8" (15.8) | 1" (25.4) | 1 5/8" (41.2) | 1 1/4" (31.7) | 1.66 | .896 |
| .516"-.570" (13-14) | 9/16" (14.2) | 1 1/2" (38.1) | 2 5/8" (66.6) | 5/8" (15.8) | 15/16" (23.7) | 5/8" (15.8) | 1 1/8" (28.5) | 1 5/8" (41.2) | 1 1/4" (31.7) | 1.66 | .896 |
| .571"-.635" (15-16) | 5/8" (15.8) | 2" (50.8) | 2 5/8" (66.6) | 3/4" (19.0) | 2" (25.4) | 3/4" (19.0) | 1 1/2" (38.1) | 1 7/8" (47.6) | 1 1/4" (31.7) | 1.66 | .896 |
| .636"-.772" (16-20) | 3/4" (19.0) | 2 1/2" (63.5) | 3 1/8" (79.3) | 7/8" (22.2) | 1 3/16" (30.1) | 7/8" (22.0) | 1 7/8" (47.6) | 2 1/8" (53.9) | 1 1/2" (38.1) | 1.9 | 1.1 |
| .773"-.868" (19-22) | - | 2 1/2" (63.5) | 3 3/8" (92.0) | 1" (25.4) | 1 3/8" (34.9) | 1" (25.4) | 2" (50.8) | 2 3/8" (60.3) | 2" (50.8) | 2.375 | 1.503 |
| .869"-.1024" (22-26) | 1" (25.4) | 3" (76.2) | 4 1/8" (104.7) | 1" (25.4) | 1 3/8" (34.9) | 1 1/8"-1 1/4" (28.5-31.7) | 2 3/8" (60.3) | 2 3/4" (69.8) | 2" (50.8) | 2.375 | 1.503 |
| 1.025"-.127" (26-32) | - | 3 1/2" (88.9) | 5 1/8" (130.1) | 1 3/8" (34.9) | 1 3/4" (44.4) | 1 1/4"-1 3/8" (31.7-34.9)" | 2 3/4" (69.8) | 3 1/4" (82.5) | 2 1/2" (63.5) | 2.875 | 1.771 |
| 1.30" (33) | - | 4" (101.6) | 5 1/8" (130.1) | 1 3/8" (34.9) | 1 15/16" (49.1) | 1 3/8"-1 1/2" (34.9-38.1)" | 2 7/8" (73.0) | 3 3/8" (85.7) | 2 1/2" (63.5) | 2.875 | 1.771 |





Big-Grip Dead-end

| For Use On: Aluminum Covered Steel Strand | | | | | | | | | | |
|---|------------------------|-------------|---|---------------|----------|----------------|--------|------------|--|---------------------------------------|
| Catalog Number | Strand Diameter Range | | Nominal Strand Size | BG Per Carton | | Approx. Length | | Color Code | Rated Holding Strength | % of Strand's Rated Breaking Strength |
| | Min. Inches | Max. Inches | | Units | Wt./Lbs. | Inches | Meters | | | |
| BG-4168 | .475 | .494 | 7#6 | 25 | 60 | 42 | 1.06 | Blue | 22,730# | (100%) |
| BG-4169 | .495 | .515 | 19#10 | 25 | 62 | 44 | 1.11 | Green | 27,190# | (100%) |
| BG-4170 | .516 | .536 | 25M | 20 | 66 | 47 | 1.19 | Red | 25,000# | (100%) |
| BG-4171 | .537 | .555 | 7#5 | 20 | 67 | 48 | 1.21 | Yellow | 27,030# | (100%) |
| BG-4172 | .556 | .570 | — | 15 | 68 | 49 | 1.24 | Blue | 33,330# | — |
| BG-4173 | .571 | .591 | 19#9 | 20 | 68 | 50 | 1.27 | Orange | 34,290# | (100%) |
| BG-4174 | .592 | .612 | — | 15 | 50 | 50 | 1.27 | Green | 34,500# | — |
| BG-4175 | .613 | .635 | — | 10 | 49 | 54 | 1.37 | Yellow | 45,000# | — |
| BG-4176 | .636 | .661 | 19#8 | 10 | 50 | 56 | 1.42 | Black | 43,240# | (100%) |
| BG-4177 | .662 | .686 | 19 x .1363" | 10 | 66 | 59 | 1.49 | Blue | 47,400# | (100%) |
| BG-4178 | .687 | .712 | — | 10 | 68 | 61 | 1.54 | Red | 54,200# | — |
| BG-4179 | .713 | .741 | 19#7 37#10 | 10 | 70 | 63 | 1.60 | Black | 51,730# 50,300# | (100%) (95%) |
| BG-4180 | .742 | .772 | 19 x .1499" | 5 | 41 | 71 | 1.80 | Yellow | 54,300# | — |
| Catalog Number | Actual Diameter Inches | | Nominal Strand Size | BG Per Carton | | Approx. Length | | Color Code | Rated Holding Strength | % of Strand's Rated Breaking Strength |
| | | | | Units | Wt./Lbs. | Inches | Inches | | | |
| BG-4181 | .792 | | 19 x .1584" | 5 | 50 | 80 | 2.03 | Blue | 59,000# | — |
| BG-4183 | .801, .810, .827 | | 37#9 19#6 19 x .1660" | 5 | 69 | 84 | 2.13 | Green | 63,430# 61,700# 63,000# | (95%) (100%) (100%) |
| BG-4185 | .849, .850, .866 | | 37 x .1213" 19 x .170" 19 x .1732" 37 x .1237" | 5 | 68 | 87 | 2.21 | Black | 71,250# 66,000# 68,500# 74,100# | (95%) (100%) (100%) (95%) |
| BG-4186 | .899 | | 37#8 | 5 | 76 | 91 | 2.31 | Yellow | 80,000# | (95%) |
| BG-4187 | .910, .934 | | 19#5 19 x .1868" | 5 | 78 | 93 | 2.36 | Blue | 73,350# 75,000# | (100%) (100%) |
| BG-4188 | .981 | | 37# .1401" | 4 | 55 | 95 | 2.41 | Red | 90,250# | (95%) |
| BG-4189 | 1.01 | | 37#7 | 4 | 85 | 106 | 2.74 | Green | 90,600# | (90%) |
| BG-4190 | 1.10 | | 37 x .1571" | 3 | 87 | 117 | 2.97 | Black | 101,700# | (90%) |
| BG-4191 | 1.134 | | 37#6 | 3 | 86 | 120 | 3.04 | Yellow | 108,200# | (90%) |
| BG-4192 | 1.27 | | 37#5 | 2 | 87 | 151 | 3.83 | Red | 127,000# | (89%) |

Note: Left Hand Lay Standard.