

MESSENGER TERMINATIONS

GUY-GRIP® Dead-Ends may be used to terminate structural supporting strands and cables. Whether used on a guy or pole, or to terminate a lashed or spacer cable messenger, the GUY-GRIP Dead-End is a unique, one piece termination that is neat in appearance and free from bolts or other high-stress holding devices.

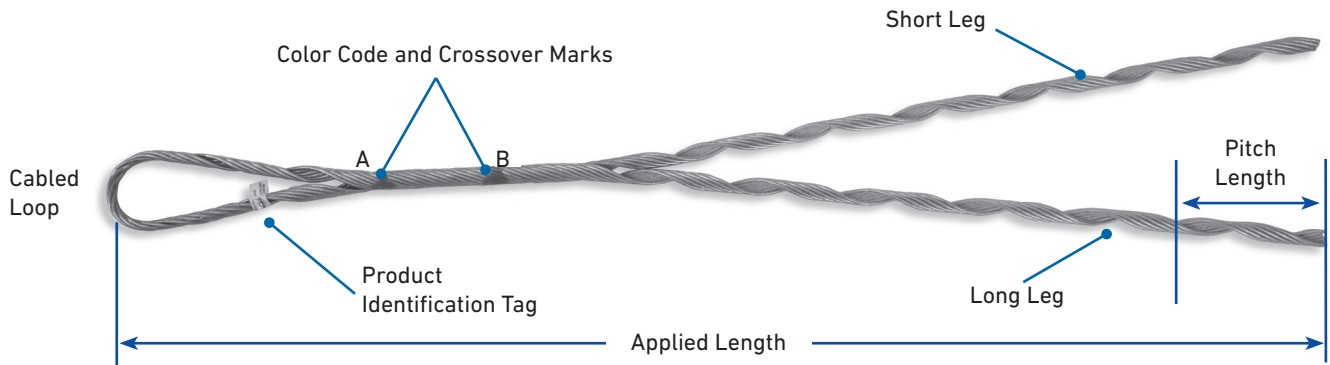
BIG GRIP Dead-Ends are designed for use on transmission, antenna, communications, and other types of guyed structures that require use of large diameter guy strand. Whether used on an anchor or pole, or to terminate a lashed or spacer cable messenger, the BIG-GRIP Dead-End is a unique, one piece termination that is neat in appearance and free from bolts or other high-stress holding devices.

Rated Holding Strength: GUY-GRIP Dead-Ends and BIG GRIP Dead-Ends are rated at 100% of the strand's published rated breaking strength.

FEATURES AND BENEFITS

- Longitudinal holding strength equal to messenger ultimate tensile strength
- Uniform radial pressure exerted on the messenger minimizing potential damage
- Color coded for ease of selection in field
- See Ordering Information for applications on specific messenger sizes and types

CHARACTERISTICS



GUY-GRIP® Dead-End / BIG GRIP Dead-End

Characteristics	Description
Applied Length	Assists in identification of conductor size, corresponding to tabular information appearing on catalog pages
Crossover Marks	Two colored crossover marks (A & B) indicate possible starting points for application. This feature allows for a smaller and larger seat diameter ranges
Cabled Loop	Furnished as standard on all sizes to ensure proper contact with mating hardware
Pitch Length	One complete wrap
Color Code	Assists in identifying strand size, corresponding to tabular information that appears on catalog pages
Product Identification Tag	Shows catalog number, nominal strand sizes and applications
Short Leg	During application, the short leg should be applied first
Long Leg	During application, the long leg should be applied second



HARDWARE ACCESSORY GUIDELINES

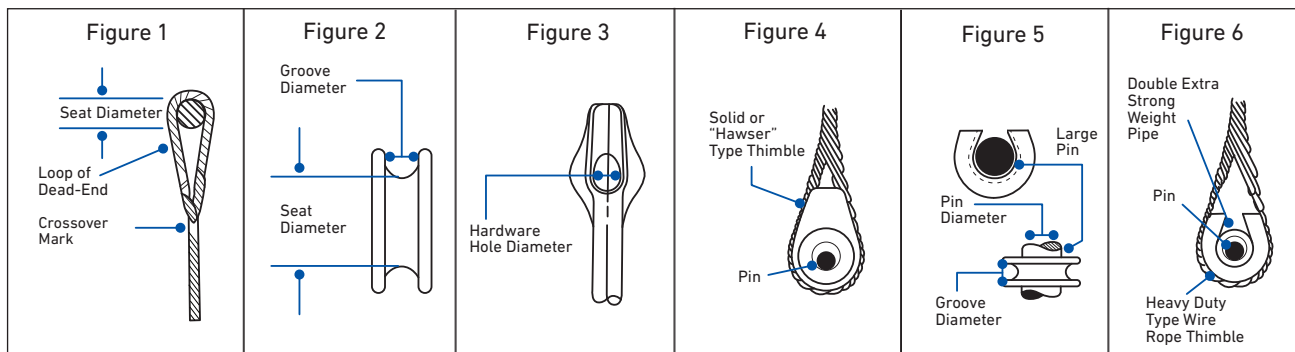
Suggested Hardware Dimensions for GUY-GRIP® Dead-Ends / BIG GRIP Dead-Ends

Dead-End Diameter Range (in)		Nominal Strand Sizes		Seat Dimensions (Figures 1 & 2)			Figure 2	Figure 3	Figure 4 & 5		Figure 6		
Min	Max	Galvanized Steel	Aluminum-Clad Steel	Minimum seat diameter at first crossover mark	Maximum seat diameter at first crossover mark	Maximum seat diameter at second crossover mark	Minimum Groove Diameter	Minimum Hole Diameter*	Pin Diameters		Double Extra Strong Weight Pipe		
				in	in	in					in	in	in
.123	.143	1/8	-	3/4	1-3/4	-	3/16	1/4	-	-	-	-	-
.144	.173	5/32	-	3/4		-	1/4	5/16	-	-	-	-	-
.174	.203	3/16	-	1-0		-	1/4	3/8	-	-	-	-	-
.204	.230	7/32	3 #10, 4M3	1-1/8		-	5/16	3/8	-	-	-	-	-
.231	.259	1/4	7 #12, 6M			-	5/16	7/16	-	-	-	-	-
.260	.291	9/32	7 #11, 8M			-	3/8	1/2	-	-	-	-	-
.292	.336	5/16	7 #10, 10M	1-1/4		-	3/8	9/16	-	-	-	-	-
.337	.394	3/8	7 #8, 14M, 16M	1-3/8		-	7/16	5/8	-	-	-	-	-
.395	.474	7/16	7 #7, 18M, 20M		2-3/8	-	1/2	11/16	-	-	-	-	
.475	.515	**	7 #6	-	2-3/8	-	9/16	3/4	1	1-5/8	1-1/4	1.66	.896
.516	.570	**	7 #5, 25M	1-1/2	2-5/8	-	5/8	15/16	1-1/8	1-5/8	1-1/4	1.66	.896
.571	.635	5/8		2	3-1/8	-	2-5/8	1	1-1/2	1-7/8	1-1/4	1.66	.896
.636	.772	3/4		2-1/2	3-5/8	-	3-1/8	1-3/16	1-7/8	2-1/8	1-1/2	1.9	1.1
.773	.868			2-1/2	4-1/8	-	3-5/8	1-3/8	2	2-3/8	2	2.375	1.503
.869	1.024	7/8 or 1		3	5-1/8	-	4-1/8	1-3/8	2-3/8	2-3/4	2	2.375	1.503
1.025	1.27			3-1/2	5-1/8	-	5-1/8	1-3/4	2-3/4	3-1/4	2-1/2	2.875	1.771
1.30				4		-	5-1/8	1-15/16	2-7/8	3-3/8	2-1/2	2.875	1.771

*Depending on geometric shape of the hole, a hole diameter less than specified may be acceptable.

**Use BIG-GRIP Dead-Ends.

† Guying of transmission structures and metal towers require BIG-GRIP Dead-Ends or VARI-GRIP™ Dead-Ends.



* Depending on geometric shape of the hole, the legs of the PLP Dead-End may be inserted into a hole diameter smaller than specified.



ORDERING INFORMATION

GUY-GRIP® Dead-End / BIG GRIP Dead-Ends: Aluminum Clad Steel Strand

Catalog Number	Strand		Units per Carton	Weight per Carton	Length	Color Code
	Mean Diameter	Construction				
	in			lb	in	
AWDE-4120	.363	14M	50	63	31	Blue
AWDE-4122	.350 - .394	252 AWA 7 # 8 16M	50	50	55	Orange
AWDE-4124	.417	18M	25	37	34	Black
AWDE-4125	.433	7/16" - 7 # 7	25	40	36	Green
AWDE-4126	.444	20M	10	22	37	Yellow
AWDE-4128	.475 - .494	052 AWA 7 # 6		23	39	Blue
AWDE-4131	.546	0052 AWA 7 # 5		32	44	Yellow
BG-4176	.636 - .661	19 # 8		50	56	Black
BG-4179	.713 - .741	000127 AWA 19 # 7 37 # 10		70	63	Black
BG-4183	.801, .810, .827	37 # 9 19 # 6 19x, 1660"	5	69	84	Green
BG-4186	.899	37 # 8	5	76	91	Yellow

NOTES:

- 1 Left-hand lay is standard
- 2 Cabled Loop design is furnished as standard for all sizes. Refer to Hardware Accessory Guidelines for acceptable fittings.
- 3 Rated holding strength is 100% of all grades of aluminum clad steel strand and messenger.
- 4 Consult PLP for sizes and stranding not shown.