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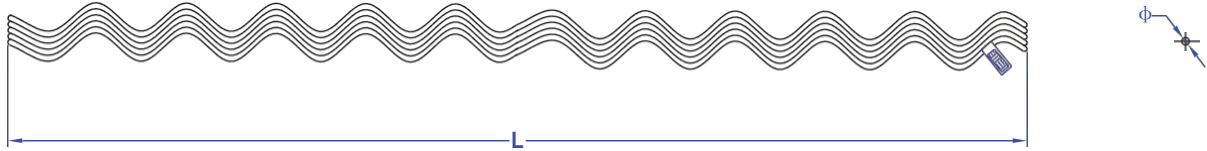
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# ARMOR RODS: ALUMINUM

For use on:

ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, ACAR, ACSS (AW & TW)



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	UNITS	WT/LBS	LENGTH (INCHES)	ROD DIAMETER (INCHES)	RODS PER SET	COLOR CODE
	MIN.	MAX.							
AAR207 AAR207D	.194	.207	#6, 7W Alum. Alloy #6, 6/1	100 100	35 45	40(S) 52(D)	.121	7	Blue
AAR219 AAR219D	.208	.219	#4, 7W, Comp.	100 100	35 45	40(S) 52(D)	.121	7	Black
AAR228 AAR228D	.220	.228	#5, 3-7W Alum. Alloy #5, 6/1	100 100	40 51	40(S) 52(D)	.121	8	White
AAR243 AAR243D	.229	.243	#4, 7W All-Alum. #4, 6/1-7/1 Comp.	100 100	40 51	40(S) 52(D)	.121	8	Brown
AAR259 AAR259D	.244	.259	#4, 6/1, 7/1 #4, 7W, Alum. Alloy	50 50	25 32	40(S) 52(D)	.146	7	Orange
AAR273 AAR273D	.260	.273	#3, 7W All-Alum. #2, 7W Comp.	50 50	26 34	42(S) 54(D)	.146	7	Green
AAR289 AAR289D	.274	.289	#3, 7W, Alum. Alloy	50 50	30 38	42(S) 54(D)	.146	8	Yellow
AAR308 AAR308D	.290	.308	#2, 7W All-Alum. #2, 6/1 Comp.	50 50	30 38	42(S) 54(D)	.146	8	Purple
AAR326 AAR326D	.309	.326	#2, 6/1, 7/1 #2, 7W Alum. Alloy	50 50	32 40	44(S) 56(D)	.136	9	Red
AAR346 AAR346D	.327	.346	#1, 7W All-Alum. #1/0, 7W-19W Comp.	50 50	38 46	46(S) 58(D)	.146	9	Blue
AAR366 AAR366D	.347	.366	#1, 6/1 #1, 7W Alum. Alloy	50 50	40 49	48(S) 60(D)	.146	9	Green
AAR389 AAR389D	.367	.389	1/0, 7W All-Alum. 2/0, 7W Comp.	50 50	45 55	50(S) 62(D)	.146	10	Black
AAR413 AAR413D	.390	.413	1/0, 6/1 1/0, 7W Alum. Alloy	50 50	55 67	52(S) 64(D)	.167	9	Yellow
AAR436 AAR436D	.414	.436	2/0, 7W-19W All-Alum. 3/0, 7W Comp.	50 50	48 58	52(S) 64(D)	.146	10	Brown
AAR463 AAR463D	.437	.463	2/0, 6/1 3/0, 6/1 Comp.	50 50	64 76	54(S) 66(D)	.167	10	Blue
AAR490 AAR490D	.464	.490	3/0, 7W-19W All Alum.	50 50	64 76	54(S) 66(D)	.167	10	Green
AAR521 AAR521D	.491	.521	3/0, 6/1 3/0, 7W Alum. Alloy 4/0, 6/1 Comp.	25 25	37 46	56(S) 68(D)	.167	11	Orange
AAR551 AAR551D	.522	.551	4/0, 7W-19W All-Alum.	25 25	38 46	58(S) 70(D)	.167	11	Black

Right-hand lay standard

(Continued on next page)

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) Single Support Length (S) and Double Support Length (D) are described on the first page of the Armor Rod section.
- (3) Reference O.D. Calculations for: APPLIED O.D. Calculations.



# ARMOR RODS: ALUMINUM

CATALOG NUMBER	EHV ARMOR ROD CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	UNITS PER CARTON	WT/LBS	LENGTH (INCHES)	ROD DIAMETER (INCHES)	RODS PER SET	COLOR CODE
		MIN.	MAX.							
AAR585		0.552	0.585	4/0, 6/1	25	46	60(S)	0.182	11	Red
AAR585D					25	55	72(D)			
AAR606		0.586	0.606	266.8 kcmil, 19W	25	52	62(S)	0.182	12	Black
AAR606D					25	61	74(D)			
AAR630		0.607	0.63	266.8 kcmil, 18/1	25	54	64(S)	0.182	12	Purple
AAR630D					25	63	76(D)			
AAR655		0.631	0.655	266.8 kcmil, 26/7	25	54	64(S)	0.182	12	Yellow
AAR655D					25	63	76(D)			
AAR679		0.656	0.679	336.4 kcmil, 19W	18	43	66(S)	0.182	13	Brown
AAR679D					18	51	78(D)			
AAR703		0.68	0.703	300 kcmil, 26/7	18	52	68(S)	0.204	12	Blue
AAR703D					18	60	80(D)			
AAR740		0.704	0.74	336.4 kcmil, 26/7	18	54	72(S)	0.204	12	Green
AAR740D					18	64	84(D)			
AAR782		0.741	0.782	397.5 kcmil, 18/1	18	59	72	0.204	13	Orange
AAR814		0.783	0.814	397.5 kcmil, 26/7	15	66	76	0.25	11	Purple
AAR845		0.815	0.845	636 kcmil, 19W Comp.	15	66	76	0.25	11	Red
AAR907		0.846	0.907	477 kcmil, 26/7	15	74	78	0.25	12	Blue
AAR929		0.908	0.929	636 kcmil, 37W	12	66	80	0.25	13	Green
AAR976		0.93	0.976	605 kcmil, 26/7	12	72	88	0.25	13	White
AAR1016	AAR1016E	0.977	1.016	636 kcmil, 26/7	9	50	92	0.31	11	Yellow
AAR1035	AAR1035E	1.017	1.035	795 kcmil, 37-61W	6	55	94	0.31	12	Brown
AAR1064	AAR1064E	1.036	1.064	715.5 kcmil, 26/7	6	56	96	0.31	12	Blue
AAR1098	AAR1098E	1.065	1.098	795 kcmil, 24/7	6	56	96	0.31	12	Green
AAR1139	AAR1139E	1.099	1.139	795 kcmil, 26/7	6	62	100	0.31	12	Orange
AAR1161	AAR1161E	1.14	1.161	954 kcmil, 36/1	6	63	100	0.31	13	Purple
AAR1208	AAR1208E	1.162	1.208	954 kcmil, 45/7 954 kcmil, 54/7 1033.5 kcmil, 37-61W	6	69	100	0.31	13	Red
AAR1269	AAR1269E	1.209	1.269	1113 kcmil, 45/7	6	81	100	0.365	12	Black
AAR1327	AAR1327E	1.27	1.327	1192.5 kcmil, 45/7	6	81	100	0.365	12	White
AAR1390	AAR1390E	1.328	1.39	1272 kcmil, 45/7	3	45	100	0.365	13	Yellow
AAR1440	AAR1440E	1.391	1.44	1431 kcmil, 45/7	3	54	100	0.436	11	Brown
AAR1508	AAR1508E	1.441	1.508	1590 kcmil, 45/7	3	58	100	0.436	12	Blue
AAR1578	AAR1578E	1.509	1.578	1590 kcmil, 54/19	3	58	100	0.436	12	Green
AAR1651	AAR1651E	1.579	1.651	1780 kcmil, 84/19	3	60	100	0.436	13	Orange
AAR1728	AAR1728E	1.652	1.728	2000 kcmil, 9/W	3	60	100	0.436	13	Purple
AAR1809	AAR1809E	1.729	1.809	2156 kcmil, 84/19	3	64	100	0.436	14	Red
AAR1898	AAR1898E	1.81	1.898	2500 kcmil, 91W	3	64	100	0.436	14	Black
AAR1991	AAR1991E	1.899	1.991		3	68	100	0.436	15	White
AAR2090	AAR2090E	1.992	2.09	3500 kcmil, 127W	3	68	100	0.436	15	Yellow
AAR2193	AAR2193E	2.091	2.193	3500 kcmil, 127W	3	80	100	0.468	15	Brown

Right-hand lay standard

EXPLANATORY NOTES:

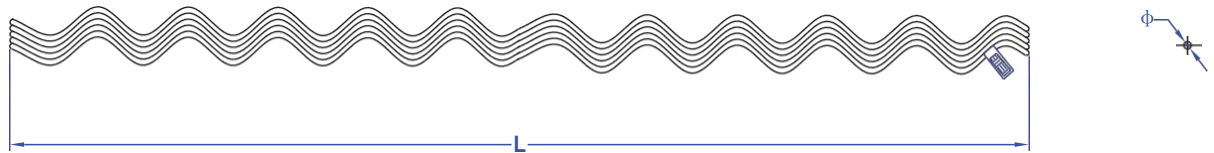
- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) Single Support Length (S) and Double Support Length (D) are described on the first page of the Armor Rod section.
- (3) Reference O.D. Calculations for: APPLIED O.D. Calculations.



# LINE GUARDS: ALUMINUM

For use on:

ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC®  
Compacted All-Aluminum, ACAR



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Length (Inches)	Rod Diameter (Inches)	Rods Per Set	Color Code
	Min.	Max.							
LG-0122 LG-0122D	.182	.193	#6, 7W All-Alum.	100	12 19	17(S) 29(D)	.102	7	Purple
LG-0123 LG-0123D	.194	.207	#6, 6/1 #6, 7W Alum. Alloy	100	12 19	17(S) 29(D)	.102	7	Blue
LG-0125 LG-0125D	.220	.228	#5, 6/1 #5, 7W Alum. Alloy	100	16 26	17(S) 29(D)	.121	7	White
LG-0126 LG-0126D	.229	.243	#4, 7W All-Alum. #4, 6/1, 7/1 Comp.	100	20 32	19(S) 31(D)	.121	8	Brown
LG-0127 LG-0127D	.244	.259	#4, 6/1, 7/1 #4, 7W Alum. Alloy	100	20 32	19(S) 31(D)	.121	8	Orange
LG-0128 LG-0128D	.260	.273	#3, 7W All-Alum. #2, 7W Comp.	100	20 32	19(S) 31(D)	.121	8	Green
LG-0129 LG-0129D	.274	.289	#3, 7W Alum. Alloy	100	25 38	21(S) 33(D)	.121	9	Yellow
LG-0130 LG-0130D	.290	.308	#2, 7W All-Alum.	100	25 38	21(S) 33(D)	.121	9	Purple
LG-0131 LG-0131D	.309	.326	#2, 6/1, 7/1 #2, 7W Alum. Alloy	100	25 38	21(S) 33(D)	.121	9	Red
LG-0132 LG-0132D	.327	.346	#1, 7W All-Alum. 1/0, 7W-19W Comp.	100	28 42	21(S) 33(D)	.121	10	Blue
LG-0133 LG-0133D	.347	.366	#1, 6/1 1/0, 6/1 Comp.	100	30 44	23(S) 35(D)	.121	10	Green
LG-0134 LG-0134D	.367	.389	1/0, 7W All-Alum. 2/0, 7W-19W Comp.	100	32 46	23(S) 35(D)	.121	11	Black
LG-0135 LG-0135D	.390	.413	1/0, 6/1 1/0, 7W Alum. Alloy	100	35 50	25(S) 37(D)	.121	11	Yellow
LG-0136 LG-0136D	.414	.436	2/0, 7W All-Alum. 3/0, 7W-19W Comp.	50	20 29	25(S) 37(D)	.121	12	Brown
LG-0137 LG-0137D	.437	.463	2/0, 6/1, 7/1 2/0, 7W Alum. Alloy	50	23 32	27(S) 39(D)	.121	13	Blue
LG-0138 LG-0138D	.464	.490	3/0, 7W-19W All-Alum.	50	24 32	27(S) 39(D)	.121	13	Green
LG-0139 LG-0139D	.491	.521	3/0, 6/1 3/0, 7W Alum. Alloy	50	26 36	29(S) 41(D)	.121	14	Orange
LG-0140 LG-0140D	.522	.551	4/0, 7W-19W All-Alum.	50	26 36	29(S) 41(D)	.121	14	Black
LG-0141 LG-0141D	.552	.585	4/0, 6/1 4/0, 7W Alum. Alloy	50	30 40	31(S) 43(D)	.121	15	Red
LG-0142 LG-0142D	.586	.606	266.8, 7W-19W, 37W All-Alum.	50	40 54	31(S) 43(D)	.146	14	Black

Right-hand lay standard

(Continued on next page)

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) Single Support Length (S) and Double Support Length (D) are described on the first page of section 11.
- (3) AWAC is a registered trademark of the Copperweld Co.



# LINE GUARDS: ALUMINUM

CATALOG NUMBER	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Length (Inches)	Rod Diameter (Inches)	Rods Per Set	Color Code
	Min.	Max.		Per Carton					
LG-0143 LG-0143D	.607	.630	266.8, 18/1 300, 19W-37 All-Alum.	50	42 57	33(S) 45(D)	.146	14	White
LG-0144 LG-0144D	.631	.655	266.8, 19W Alum. Alloy (6201)	50	42 57	33(S) 45(D)	.146	14	Yellow
LG-0145 LG-0145D	.656	.679	336.4, 19W-37W All-Alum.	50	48 62	35(S) 47(D)	.146	15	Brown
LG-0146 LG-0146D	.680	.703	336.4, 18/1 350, 37W All-Alum.	50	48 62	35(S) 47(D)	.146	15	Blue
LG-0147 LG-0147D	.704	.740	336.4, 26/7 19W Alum. Alloy (6201)	50	54 70	37(S) 49(D)	.146	16	Green
LG-0148 LG-0148D	.741	.792	397.5, 18/1 26/7, 24/7	50	60 77	39(S) 51(D)	.146	17	Orange
LG-0149 LG-0149D	.793	.840	477, 18/1 477, 19W-37W All-Alum.	50	64 82	39(S) 51(D)	.146	18	Purple
LG-0150 LG-0150D	.841	.898	477, 24/7, 26/7 30/7	25	36 45	41(S) 53(D)	.146	19	Blue
LG-0151 LG-0151D	.899	.954	556.5, 24/7, 26/7 30/7	25	46 58	43(S) 55(D)	.167	18	Green
LG-0152 LG-0152D	.955	.986	605, 26/7 636, 24/7	25	54 68	45(S) 57(D)	.182	17	White
LG-0153 LG-0153D	.987	1.016	636, 26/7 666.6, 24/7	25	58 72	45(S) 57(D)	.182	18	Yellow
LG-0154 LG-0154D	1.017	1.064	715.5, 24/7 26/7	25	60 74	47(S) 59(D)	.182	18	Brown
LG-0155 LG-0155D	1.065	1.098	874.5, 37W-61W All-Alum.	15	44 55	49(S) 61(D)	.204	17	Green
LG-0156 LG-0156D	1.099	1.153	795, 26/7 30/19	15	58 72	49(S) 61(D)	.250	15	Orange
LG-0157 LG-0157D	1.154	1.208	954, 45/7 54/7	15	62 75	51(S) 63(D)	.250	15	Purple
LG-0158 LG-0158D	1.209	1.268	1192.5, 61W All-Alum.	15	68 82	53(S) 65(D)	.250	16	Black
LG-0159 LG-0159D	1.269	1.327	1113 ACSR 45/7, 1192.5, 45/7	10	48 58	53(S) 65(D)	.250	17	White
LG-0160 LG-0160D	1.328	1.390	1351.5, 61W All-Alum.	10	50 60	55(S) 67(D)	.250	17	Yellow
LG-0161 LG-0161D	1.391	1.440	1431, 45/7	5	36 44	57(S) 69(D)	.310	15	Brown
LG-0162 LG-0162D	1.441	1.508	1431, 54/19	5	40 48	59(S) 71(D)	.310	16	Blue

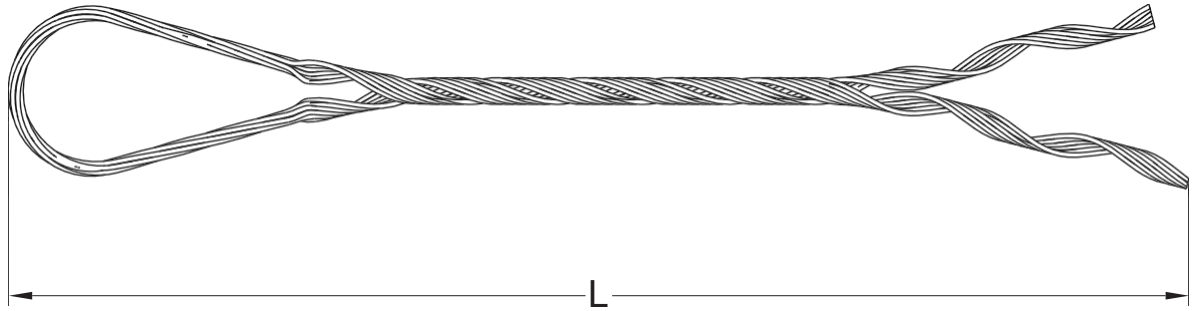
Right-hand lay standard

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) Single Support Length (S) and Double Support Length (D) are described on the first page, this section.
- (3) AWAC is a registered trademark of the Copperweld Co.



# GUY DEAD-ENDS: GALVANIZED STEEL



For use on:

Extra High Strength, High Strength, Siemens Martin, Utilities Grade

B-COAT

CATALOG NUMBER	STRAND			UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	SIZE (INCHES)	CONSTRUCTION	MEAN DIAMETER (INCHES)	PER CARTON			
GG18B	1/8		.125	100	11	13	Green
GG316B	3/16	7W 7W	.186 .195	100	30	20	Red
GG732B	7/32	7W	.216	50	19	24	Green
GG14B	1/4	3W 7W	.259 .240	50	24	25	Yellow
GG932B	9/32	7W	.279	50	26	28	Blue
GG516B	5/16	3W 7W 7W	.312 .312 .327	50	39	31	Black
GG38B	3/8	3W 7W	.356 .360	50	51	35	Orange
GG716B	7/16	7W	.435	25	40	38	Green

C-COAT

CATALOG NUMBER	STRAND			UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	SIZE (INCHES)	CONSTRUCTION	MEAN DIAMETER (INCHES)	PER CARTON			
GG18C	1/8		.125	100	11	13	Green
GG316C	3/16	7W 7W	.186 .195	100	30	20	Red
GG732C	7/32	7W	.216	50	19	24	Green
GG14C	1/4	3W 7W	.259 .240	50	24	25	Yellow
GG932C	9/32	7W	.279	50	26	28	Blue
GG516C	5/16	3W 7W 7W	.312 .312 .327	50	39	31	Black
GG38C	3/8	3W 7W	.356 .360	50	51	35	Orange
GG716C	7/16	7W	.435	25	40	38	Green

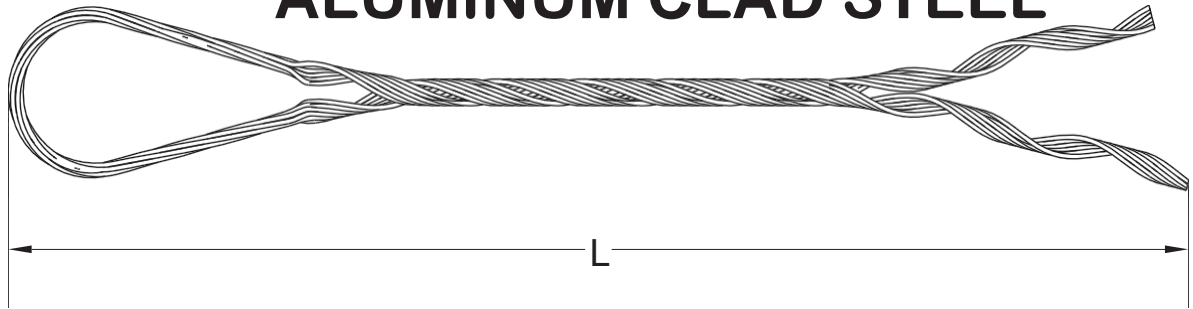
Left-hand lay standard

**EXPLANATORY NOTES:**

- (1) Big-Grip dead-end is recommended as an alternative product for guying multiple pole structures or metal towers associated with transmission construction.
- (2) Refer to Hardware Considerations for acceptable fittings. Cabled Loop design furnished as standard, all sizes.
- (3) Rated holding strength is 100% of published rating for all grades of galvanized strand.



# GUY DEAD-ENDS FOR ALUMINUM CLAD STEEL



For use on:  
Aluminum Clad Steel Strand

CATALOG NUMBER	MEAN DIAMETER (INCHES)	NOMINAL STRAND SIZE	UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
			PER CARTON			
AGG312	.174	3 # 12	100	21	18	Orange
AGG4M	.220 .220	4M 3 # 10	50	20	21	Green
AGG6M	.247 .242	3 # 9 6M	50	20	24	Yellow
AGG8M	.277 .272	3 # 8 8M	50	22	24	Blue
AGG10M	.311 .306 .306	3 # 7 10M 5/16" - 7 # 10	50	29	26	Black
AGG11.5M	.330	11.5M	50	30	26	Green
AGG12.5M	.349 .343 .343	3 # 6 12.5M 11/32" - 7 # 9	50	41	29	Yellow
AGG14M	.363	14M	50	53	31	Blue
AGG16M	.392 .385 .386	3 # 5 3/8" - 7 # 8 16M	50	55	32	Orange
AGG18M	.417	18M	25	37	34	Black
AGG716	.433	7/16" - 7 # 7	25	40	36	Green
AGG20M	.444	20M	10	22	37	Yellow
AGG12	.486	1/2" - 7 # 6	10	23	39	Blue
AGG25M	.519	25M	10	31	43	Red
AGG75	.546	7 # 5	10	32	44	Yellow

Left-Hand Lay standard

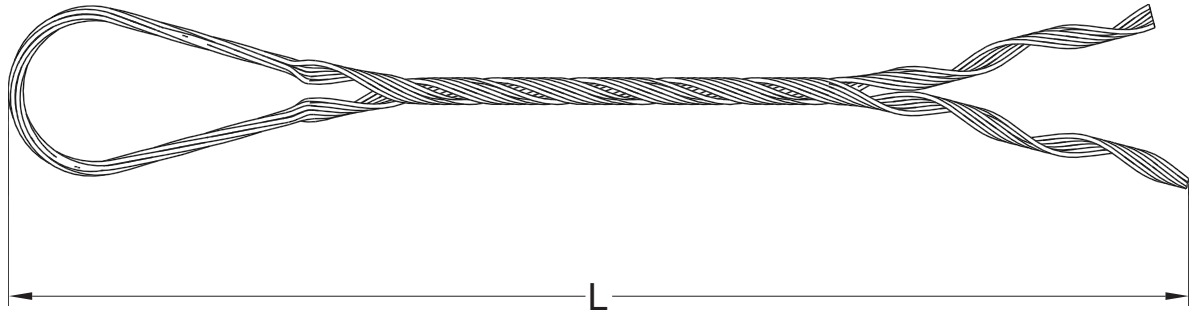
EXPLANATORY NOTES:

- (1) Big-Grip dead-end is recommended as an alternative product for guying multiple pole structures or metal towers associated with transmission construction.
- (2) Refer to Hardware Considerations for acceptable fittings. Cabled Loop design furnished as standard, all sizes.
- (3) Published rating of rated holding strength is 100% of all grades of galvanized strand
- (4) Consult us for sizes and stranding not shown.





# GUY DEAD-ENDS: COPPERWELD



For use on:  
Copperweld Strand

CATALOG NUMBER	MEAN DIAMETER (INCHES)	NOMINAL STRAND SIZE	UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
			PER CARTON			
CDE2.2M	.164	2.2M	100	19	17	Orange
CDE312	.174	3 # 12	100	24	17	Red
CDE4M	.209	4M	100	32	18	White
CDE310	.220	3 # 10	100	44	20	Green
CDE6M	.247 .237	3 # 9 6M	50	24	21	Yellow
CDE6M3	.258	6M3	50	25	22	White
CDE8M	.276 .277	8M 3 # 8	50	26	23	Blue
CDE10M	.303 .306 .311	10M 7 # 10 - 5/16" 3 # 7	50	34	25	Red
CDE12.5M	.343 .345 .349	7 # 9 - 11/32" 12.5M 3 # 6	50	46	27	Green
CDE14M	.360	14M	50	64	30	Blue
CDE16M	.385 .386 .392	7 # 8 - 3/8" 16M 3 # 5	50	65	31	White
CDE18M	.414	18M	25	46	34	Orange
CDE20M	.438 .433	20M 7 # 7 - 7/16"	25	47	35	Yellow
CDE12	.486	7 # 6 - 1/2"	25	65	39	Blue
CDE25M	.525	25M	10	37	43	Green
CDE916	.546	7 # 5 - 9/16"	10	38	44	Yellow

Left-Hand Lay standard

EXPLANATORY NOTES:

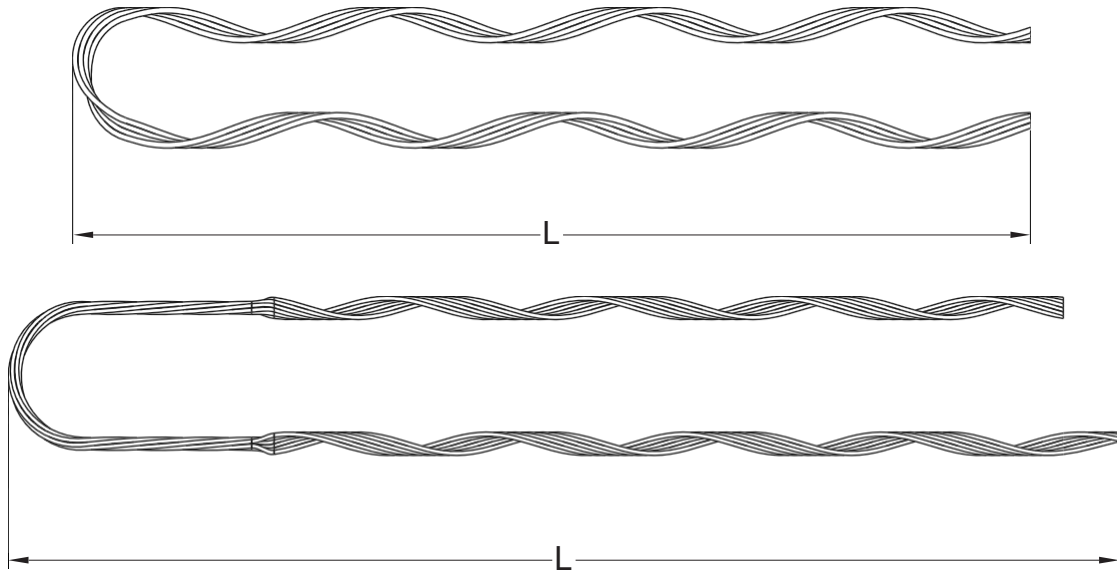
- (1) Big-Grip dead-end is recommended as an alternative product for guying multiple pole structures or metal towers associated with transmission construction.
- (2) Refer to Hardware Considerations for acceptable fittings. Cabled Loop design furnished as standard, all sizes.
- (3) Refer to General Information for material selection.
- (4) Rated holding strength is 100% of the published rating of the strand
- (5) Consult us for sizes and stranding not shown.
- (6) Copperweld is a registered trademark of the Copperweld Co.



# DISTRIBUTION-GRIP DEAD-ENDS

For use on:

ACSR, All-Aluminum Aluminum Alloy, AWAC® Compacted ACSR



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZES					UNITS PER CARTON	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	MIN.	MAX.	ACSR	ALL-ALUM.	ALUM. ALLOY	COMP. ACSR	AWAC 6/1				
DG-6	.182	.203	#6, 6/1	#6, 7W	#6, 7W	#6, 6/1		100	14	16	Blue
DG-4	.229	.257	#4, 6/1 #4, 7/1	#4, 7W	#4, 7W	#4, 6/1	#4	100	20	17	Orange
DG-2	.290	.325	#2, 6/1 #2, 7/1	#2, 7W	#2, 7W	#2, 6/1	#2	100	33	24	Red
DG-1	.326	.364	#1, 6/1	#1, 7W	#1, 7W	#1, 6/1	#1	100	44	26	Green
DG-10	.365	.409	1/0, 6/1	1/0, 7W	1/0, 7W	1/0, 6/1	1/0	50	31	26	Yellow
DG-20	.410	.460	2/0, 6/1	2/0, 7W	2/0, 7W	2/0, 6/1	2/0	50	31	28	Blue
DG-30	.461	.516	3/0, 6/1	3/0, 7W	3/0, 7W	3/0, 6/1	3/0	25	22	32	Orange
DG-40	.517	.577	4/0, 6/1	4/0, 7W	4/0, 7W	4/0, 6/1	4/0	25	32	34	Red
DG-266	.578	.653	266.8, 18/1	266.8, 19W	266.8, 19W	336.4, 18/1	-	25	39	35	Black
DG-336	.654	.739	336.4, 18/1	336.4, 19W	336.4, 19W	397.5, 18/1	-	25	53	39	Green

Right-hand lay standard

**EXPLANATORY NOTES:**

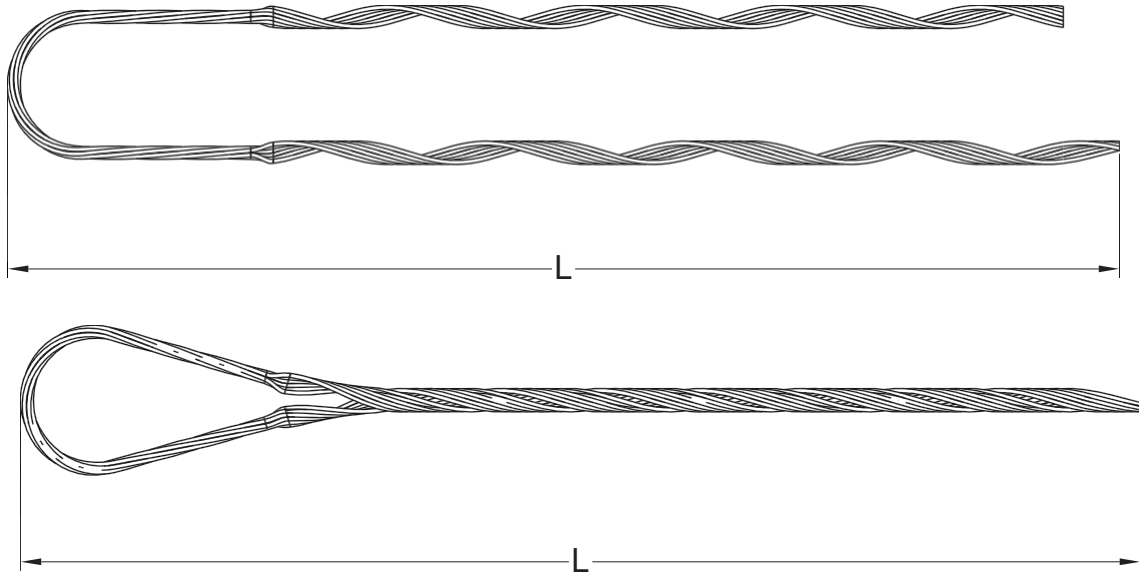
- (1) Nominal conductor size indicates a few of the various conductors within each range. Consult us for sizes or strandings not shown.
- (2) AWAC is a registered trademark of the Copperweld Co.



# DISTRIBUTION-GRIP DEAD-ENDS

LARGE SIZES for use on:

ACSR, All-Aluminum Aluminum Alloy, Compacted ACSR Compacted All-Aluminum



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL SIZES				UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	MIN.	MAX.	ACSR	ALL-ALUMINUM	ALUMINUM ALLOY	COMPACTED				
DG-477	.740	.837	397.5, 18/1 477, 36/1 477, 18/1	450, 19W 477, 19W 500, 37W	397.5, 19W	477, 18/1 556, 19W	10	43	50	Orange
DG-636	.838	.947	556.5, 36/1 605, 36/1 636, 18/1	556.5, 37W 636, 37W 650, 61W	477, 19W 556.5, 19W	636, 18/1 795, 19W	10	50	55	Blue
DG-795	.948	1.071	666.6, 36/1 715.5, 36/1 795, 36/1	715.5, 37W 750, 61W 795, 61W	636, 37W	874.5, 37W 954, 37W	10	67	62	Brown
DG-954	1.072	1.212	874.5, 36/1 954, 36/1 1033.5, 36/1	874.5, 61W 954, 61W 1033.5, 61W	795, 37W	-	5	48	70	Orange

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Distribution-Grip dead-ends, manufactured of aluminum covered steel, are designed to meet the requirements of primaries and sub-station feeders.
- (2) Nominal conductor size indicates a few of the various conductors within each range. Consult us for sizes or strandings not shown.
- (3) For quantities less than 25 pieces, consult us.

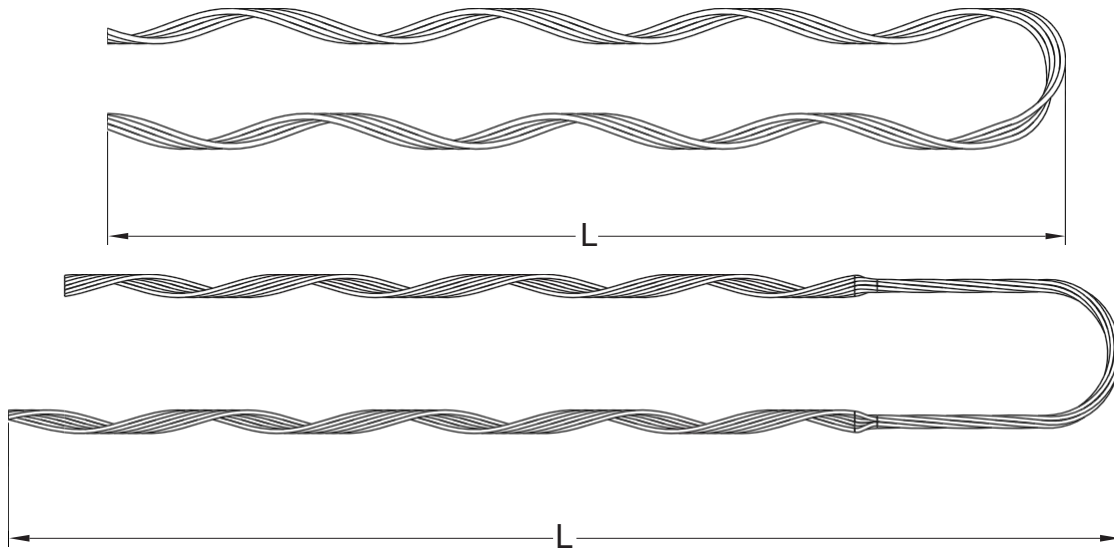


# DISTRIBUTION-GRIP DEAD-ENDS

(GALVANIZED STEEL)

For use on:

Plastic Jacketed Conductors, Polyethylene, Neoprene, Vinyl, Rubber



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	MIN.	MAX.					
DGP-2510	.229	.257	#6, 7W, 2/64s #6, Solid, 3/64s	100	20	18	Orange
DGP-2511	.258	.289	#4, Solid, 2/64s #6, 7W, 3/64s	100	35	21	Yellow
DGP-2512	.290	.325	#6, 7W, 4/64s #4, 7W, 2/64s	100	40	26	Red
DGP-2513	.326	.364	#4, 7W, 3/64s #4, 7W, 4/64s	100	60	27	Green
DGP-2514	.365	.409	#2, 7W, 3/64s #4, 7W, 5/64s	100	60	27	Yellow
DGP-2515	.410	.460	#2, 7W, 5/64s #2, 7W, 4/64s	50	45	29	Blue
DGP-2516	.461	.516	#1, 19W, 5/64s 1/0, 7W, 4/64s	50	45	31	Orange
DGP-2517	.517	.577	1/0, 19W, 5/64s 1/0, 19W, 6/64s	50	65	34	Purple

(Continued on next page)

Conductor may be right-hand lay or left-hand lay

EXPLANATORY NOTES:

- (1) Nominal conductor size indicates one of various combinations of conductor sizes and jacket thickness within each range.
- (2) Rated holding strengths for all sizes are not practical to publish, due to the multiple combinations of conductor, jacket thickness and type. As a general guide, Distribution Grip dead-ends are expected to approximate the typical test results for coated dead-ends.



# DISTRIBUTION-GRIP DEAD-ENDS

(GALVANIZED STEEL)

CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	MIN.	MAX.		PER CARTON			
DGP-2100	.578	.653	3/0, 7W, 4/64s 4/0, 7W, 4/64s	25	45	35	Blue
DGP-2101	.654	.739	250, 19W, 4/64s 266.8, 19W, 4/64s	25	60	38	Red
DGP-2102	.740	.837	300, 19W, 5/64s 336.4, 19W, 8/64s	10	40	40	Brown
DGP-2103	.838	.947	336.4, 19W, 8/64s 397.5, 19W, 6/64s	10	45	40	Green
DGP-2104	.948	1.071	477, 37W, 5/64s 500, 37W, 8/64s	10	50	40	Black
DGP-2105	1.072	1.212	350, 19W, 12/64s 500, 37W, 12/64s	10	70	40	Purple

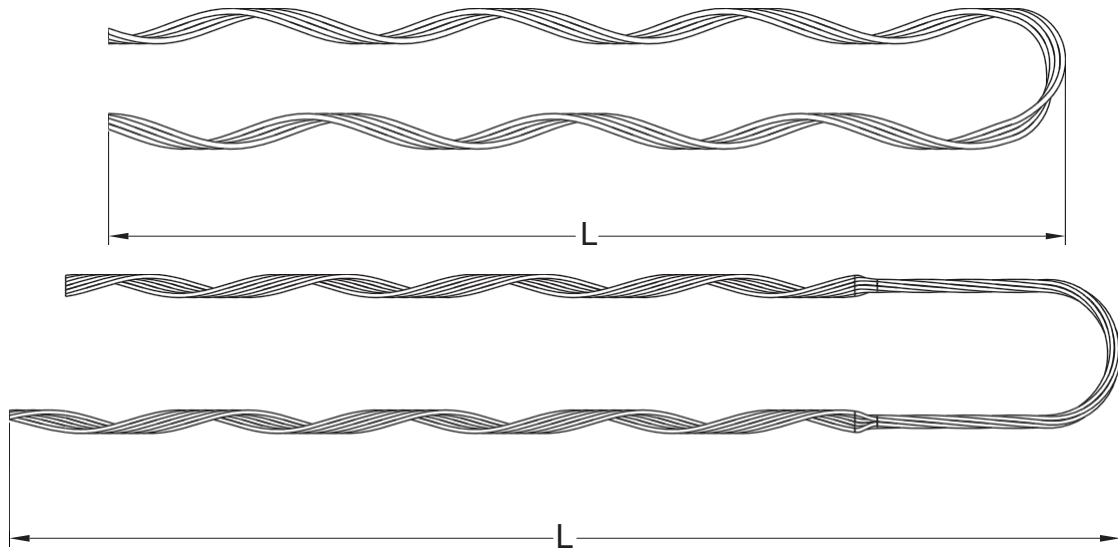
Conductor may be right-hand lay or left-hand lay.

**EXPLANATORY NOTES:**

- (1) Nominal conductor size indicates one of various combinations of conductor sizes and jacket thickness within each range.
- (2) Rated holding strengths for all sizes are not practical to publish, due to the multiple combinations of conductor, jacket thickness and type. As a general guide, Distribution Grip dead-ends are expected to approximate the typical test results for coated dead-ends.



# OVERHEAD DEAD-ENDS



For use on:  
 ACSR, Aluminum Alloy  
 All Aluminum, AWAC (6/1)  
 Compacted ACSR

CATALOG NUMBER	CONDUCTOR (INCHES)		PER CARTON		LENGTH (INCHES)	COLOR CODE
	RANGE	NOMINAL SIZE	UNITS	WT./LBS.		
OHDE4	.229-.257	#4	100	31	24	Orange
OHDE2	.290-.325	#2	100	59	30	Red
OHDE1	.326-.364	#1	75	60	34	Green
OHDE10	.365-.409	1/0	50	47	38	Yellow
OHDE20	.410-.460	2/0	50	60	38	Blue
OHDE30	.461-.516	3/0	50	71	45	Orange
OHDE40	.517-.577	4/0	25	57	52	Red

Right-hand lay standard

EXPLANATORY NOTES:

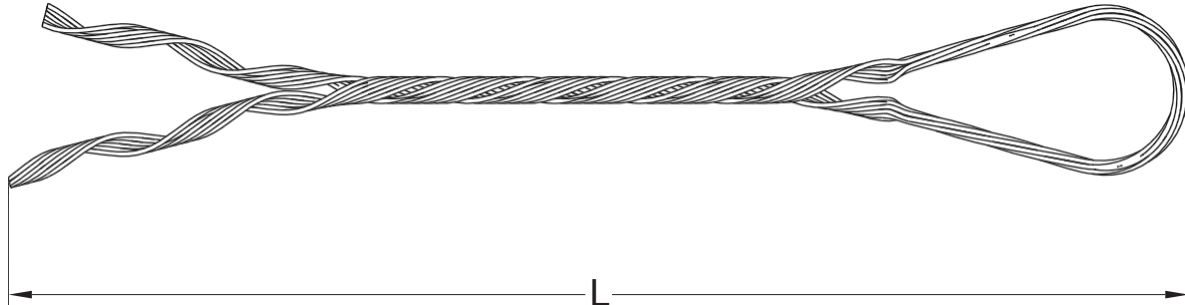
- (1) Nominal conductor size indicates one of various combinations of conductor sizes and jacket thickness within each range.
- (2) When in doubt about dimensions, fittings, installations, or unusual applications, consult us.



# COATED DEAD-ENDS

For use on:

Plastic Jacketed Conductors Polyethylene, Neoprene Vinyl, Rubber



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	MIN.	MAX.	AWG or MCM	PER CARTON			
CDG-0500	.243	.253	#6, 7W, 2/64s	100	13	16	Green
CDG-0501	.254	.264	#6, Solid, 3/64s #6, 6/1, 2/64s	100	14	17	Red
CDG-0502	.265	.272	#4, Solid, 2/64s	100	14	17	Blue
CDG-0503	.273	.284	#6, 7W, 3/64s	100	14	18	Orange
CDG-0100	.285	.297	#6, 6/1, 3/64s #4, 7W, 2/64s	100	15	19	Black
CDG-0101	.298	.310	#4, Solid, 3/64s #6, 7W, 4/64s	100	17	19	Yellow
CDG-0102	.311	.323	#4, 7W, 2/64s Al. Alloy #4, 6/1, 2/64s	100	18	20	Blue
CDG-0103	.324	.338	#6, 7W, 4/64s, Al. Alloy #4, 7W, 3/64s	100	18	20	Orange
CDG-0104	.339	.354	#4, 7W, 3/64s, Al. Alloy #4, 6/1, 3/64s	100	20	21	Black
CDG-0105	.355	.374	#4, 7W, 4/64s	100	20	22	Yellow
CDG-0106	.375	.397	#4, 7W, 4/64s #4, 7W, 5/64s	100	25	23	Red
CDG-0107	.398	.420	#2, 6/1, 3/64s #2, 7/1, 3/64s	100	26	24	Green
CDG-0108	.421	.445	#2, 7W, 4/64s, Al. Alloy #1, 7W, 3/64s	50	20	27	Black
CDG-0109	.446	.475	#1, 7W, 4/64s #4, 7W, 8/64s	50	22	28	Orange

Conductor may be right-hand lay or left-hand lay.

EXPLANATORY NOTES:

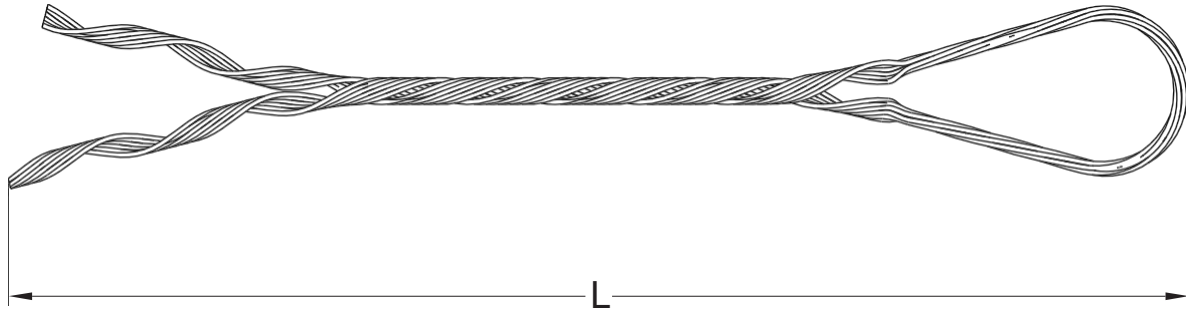
- (1) Nominal conductor size indicates one of various combinations of conductor sizes and jacket thickness within each range.
- (2) Holding strength values for representative sizes appear on the reverse side of this page.



# COATED DEAD-ENDS

For use on:

Plastic Jacketed Conductors Polyethylene, Neoprene Vinyl, Rubber



CATALOG NUMBER	SIZE	JACKETING	OUTSIDE DIAMETER (INCHES)	SUSTAINED LOAD TEST RESULTS (LBS.)	PERCENT OF BREAKING STRENGTH
CDG-0500	#6, 7W, 2/64s	Poly.*	.246	450	89%
CDG-0100	#4, 7W, 2/64s	Poly.*	.294	750	95%
CDG-0102	#4, 6/1, 2/64s	Poly.*	.313	800	46%
	#4, 7/1, 2/64s	Poly. (.929)	.320	850	39%
CDG-0103	#4, 7W, 3/64s	Neoprene	.326	800	108%
CDG-0104	#4, 6/1, 3/64s	Neoprene	.344	750	43%
CDG-0106	#2, 7W, 3/64s	Neoprene	.386	600	52%
	#2, 7W, 3/64s	Poly.*	.386	750	62%
CDG-0107	#2, 6/1, 3/64s	Poly.*	.410	900	34%
	#2, 6/1, 3/64s	Neoprene	.410	900	34%
	#2, 7/1, 3/64s	Poly.*	.419	1,200	35%
	#2, 7/1, 3/64s	Neoprene	.419	1,000	30%

\* Low density or medium density polyethylene per ASTM D-1243-58T.

This table is based on actual results of long term sustained load tests and may be considered representative of the cables described. Refer earlier in this section for an explanation of the multiple factors affecting holding strength of Dead-end: Coated.

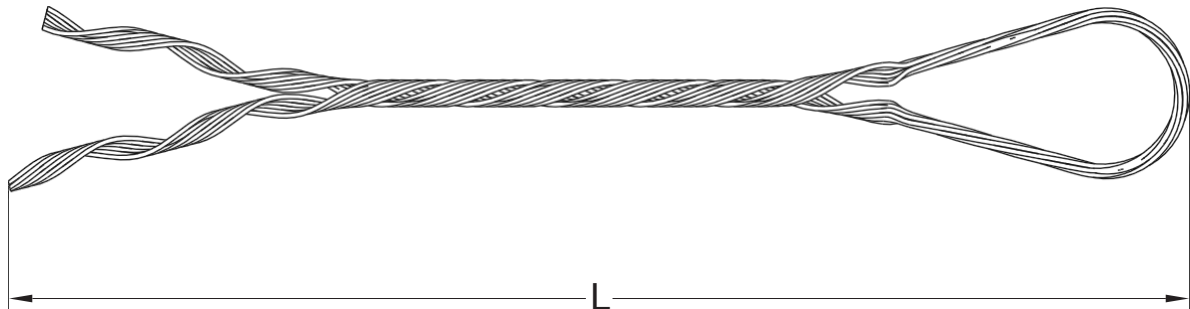




# COATED DEAD-ENDS

For use on:

Plastic Jacketed Conductors Polyethylene, Neoprene Vinyl, Rubber



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE
	MIN.	MAX.					
CDG-0110	.476	.507	#1, 19W, 5/64s 1/0, 7W, 4/64s	50	30	30	Blue
CDG-0111	.508	.536	1/0, 19W, 6/64s 1/0, 19W, 5/64s	50	29	30	Red
CDG-0112	.537	.571	2/0, 7W, 4/64s 2/0, 19W, 6/64s, Comp.	50	34	31	Black
CDG-0113	.572	.608	3/0, 19W, 4/64s 2/0, 19W, 5/64s	50	36	33	Yellow
CDG-0114	.609	.648	1/0, 7W, 8/64s 4/0, 7W, 4/64s	25	24	33	Red
CDG-0115	.649	.690	1/0, 7W, 10/64s 4/0, 19W, 4/64s	25	26	34	Green
CDG-0116	.691	.735	250, 19W, 4/64s 266.8, 18/1, 4/64s	25	30	35	Black
CDG-0117	.736	.783	3/0, 7W, 10/64s	25	32	36	Orange
CDG-0118	.784	.834	300, 19W, 5/64s 336.4, 19W, 5/64s	25	34	38	Blue
CDG-0119	.835	.888	350, 19W, 5/64s 300, 19W, 10/64s Comp.	25	40	40	Black
CDG-0120	.889	.945	250, 19W, 10/64s 300, 19W, 10/64s	25	44	42	Yellow
CDG-0121	.946	1.005	450, 37W, 6/64s 500, 37W, 6/64s	25	52	44	Green
CDG-0122	1.006	1.070	450, 37W, 8/64s 336.4, 19W, 12/64s	10	24	45	Red
CDG-0123	1.071	1.138	350, 19W, 12/64s 500, 37W, 10/64s	10	24	47	Blue
CDG-0124	1.139	1.212	636, 37W, 10/64s Comp. 500, 37W, 12/64s	10	30	48	Orange
CDG-0125	1.213	1.288	795, 61W, 6/64s 795, 37W, 10/64s Comp.	10	30	49	Black
CDG-0126	1.289	1.372	1033.5, 61W, 6/64s	10	32	51	Yellow
CDG-0127	1.373	1.458	715, 37W, 14/64s	10	38	53	Green
CDG-0128	1.459	1.550	795, 37W, 14/64s	10	40	56	Red

Right-hand or left-hand lay standard

**EXPLANATORY NOTES:**

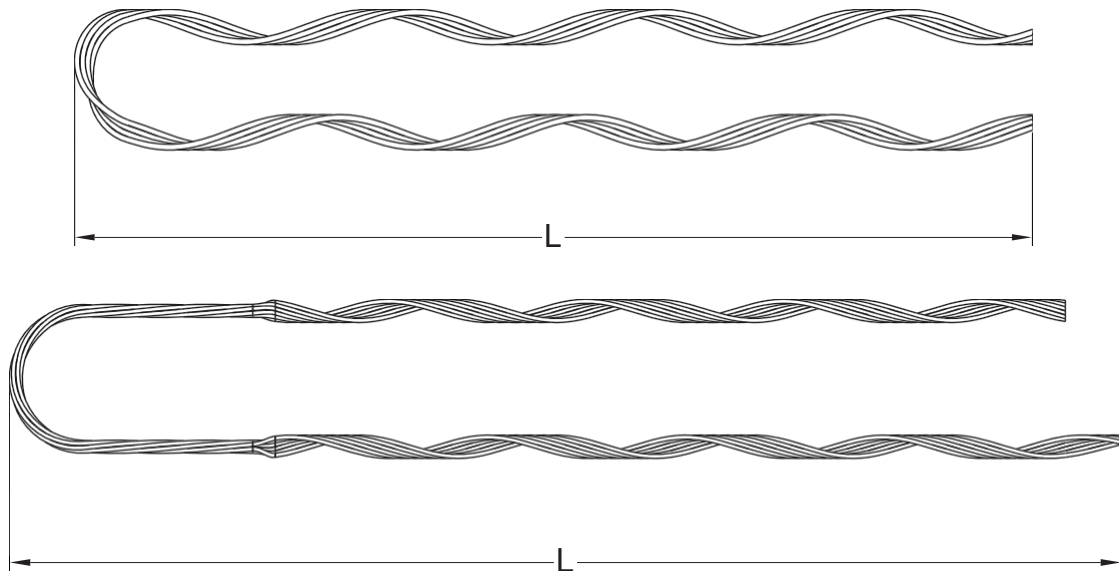
- (1) Nominal conductor size indicates one of various combinations of conductor sizes and jacket thickness within each range.
- (2) Cabled loop design furnished for all sizes on this page. See reference chart in this section for acceptable fittings.
- (3) Holding strength values for representative sizes appear on the reverse side of this page.



# SERVICE-GRIP DEAD-ENDS

For use on:

ACSR, All-Aluminum Aluminum Alloy, Compacted ACSR Compacted All-Aluminum



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZES				UNITS	WT./LBS.	LENGTH (INCHES)	COLOR CODE	MAX. NECK DIA. (INCHES)
	MIN.	MAX.	ACSR	ALL-ALUM.	ALUM. ALLOY	COMP.					
SG-6	.169	.198	#6, 6/1	#6, 7W	#6, 7W	#6, 6/1 #6, 7W	300	24	11	Blue	2-3/8
SG-5	.199	.224	#5, 6/1	#4, Solid	#5, 7W	#4, 7W	300	27	12	White	2-3/8
SG-4	.225	.257	#4, 6/1 #4, 7/1	#4, 7W	#4, 7W	#4, 6/1 #4, 7/1	300	29	13	Orange	2-3/8
SG-3	.258	.289	#3, 6/1	#3, 7W #2, Solid	#3, 7W	#3, 6/1 #2, 7W	200	27	14	Black	2-5/8
SG-2	.290	.325	#2, 6/1 #2, 7/1	#2, 7W	#2, 7W	#2, 6/1 #1, 7W	200	28	15	Red	2-5/8
SG-1	.326	.360	#1, 6/1	#1, 7W	#1, 7W	#1, 6/1 1/0, 7W	200	31	17	Green	2-5/8
SG-10	.361	.400	1/0, 6/1	1/0, 7W	1/0, 7W	1/0, 6/1 2/0, 7W	100	28	19	Yellow	2-7/8
SG-20	.401	.450	2/0, 6/1	2/0, 7W	2/0, 7W	2/0, 6/1 3/0, 7W	100	31	21	Blue	2-7/8
SG-30	.451	.510	3/0, 6/1	3/0, 7W	3/0, 7W	4/0, 7W	100	33	23	Orange	2-7/8
SG-40	.511	.580	4/0, 6/1 4/0, 18/1	4/0, 7W	4/0, 7W	4/0, 6/1	100	37	26	Red	3

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Nominal conductor size indicates a few of the various conductors within each range. Refer to the following page for additional conductor sizes interchangeable with the same dead-end. Consult us for sizes or strandings not shown.
- (2) Refer earlier in this section for acceptable fittings.
- (3) Rated Holding Strengths are listed on the following page.



# HELICAL SUSPENSION UNITS

For use on:  
ACSR, All-Aluminum, Aluminum Alloy,  
Compacted ACSR, ACSS (AW & TW)  
for Continuous Operating Temperatures  
up to 200° C



CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	HSU RODS				HSU HARDWARE SETS PER CARTON	HSU RODS & HARDWARE WT./LBS. PER CARTON	COLO COD
	MIN.	MAX.		LENGTH (INCHES)	ROD DIAMETER (INCHES)	RODS PER SET	SETS PER CARTON			
HSU315	.304	.315	#4, 3/4AWAC	26	.102	10	24	24	55	Brown
HSU327	.316	.327	#2, 6/1	26	.102	11	24	24	56	Red
HSU342	.328	.342	#4, 2/5AWAC	26	.102	11	24	24	57	Orange
HSU355	.343	.355	#3, 3/4AWAC	26	.102	11	24	24	58	Black
HSU374	.356	.374	#1, 5/2AWAC	26	.102	12	24	24	59	Green
HSU389	.375	.389	#3, 2/5AWAC	26	.102	12	24	24	59	Purple
HSU404	.390	.404	1/0, 6/1	36	.128	11	24	24	79	Yellow
HSU418	.405	.418	1/0, 5/2AWAC	36	.128	11	24	24	79	Brown
HSU434	.419	.434	#1, 3/4AWAC	36	.128	11	24	24	79	Green
HSU450	.435	.450	2/0, 6/1	36	.128	11	24	24	79	Blue
HSU470	.451	.470	2/0, 5/2AWAC	36	.128	12	24	24	83	White
HSU481	.471	.481	110.8, 12/7	36	.128	12	24	24	83	Green
HSU499	.482	.499	#1, 2/5AWAC	40	.167	10	18	18	44	Red
HSU512	.500	.512	3/0, 6/1	40	.167	10	18	18	44	Blue
HSU530	.513	.530	4/0, 7W All-Alum.	41	.167	11	18	18	47	Green
HSU542	.531	.542	159, 12/7AWAC	41	.167	11	18	18	47	Yellow
HSU555	.543	.555	2/0, 3/4AWAC	44	.182	10	18	18	53	Black
HSU573	.556	.573	4/0, 6/1	44	.182	11	18	18	55	White
HSU594	.574	.594	266.8, 7-19W All-Alum.	45	.182	11	18	18	56	Brown
HSU606	.595	.606	266.8, 18/1AWAC	46	.182	11	18	18	53	Orange
HSU619	.607	.619	266.8, 18/1	46	.182	11	18	18	56	Purple
HSU645	.620	.645	266.8, 26/7	50	.182	12	18	18	61	Red
HSU673	.646	.673	336.4, 17-37W All-Alum.	54	.204	11	15	15	60	Blue

(Continued on next page)

Right-hand lay standard

EXPLANATORY NOTES:

- (1) Nominal Conductor Size indicates one of various conductors within each range.
- (2) Reference general dimensional information for physical dimensions other than length.



# HELICAL SUSPENSION UNITS

CATALOG NUMBER	DIAMETER RANGE (INCHES)		NOMINAL CONDUCTOR SIZE	HSU RODS				HSU HARDWARE	HSU RODS & HARDWARE WT./LBS. PER CARTON	COLOR CODE
	MIN.	MAX.		LENGTH (INCHES)	ROD DIAMETER (INCHES)	RODS PER SET	SETS PER CARTON	SETS PER CARTON		
HSU690	.674	.690	300, 26/7	54	.204	11	15	15	61	Green
HSU710	.691	.710	300, 30/7	54	.204	12	15	15	64	Yellow
HSU731	.711	.731	336.4, 26/7	55	.204	12	15	15	65	Black
HSU750	.732	.750	336.4, 30/7	56	.204	12	15	15	66	White
HSU768	.751	.768	397.5, 26/7AWAC	60	.250	10	12	12	68	Brown
HSU795	.769	.795	397.5, 26/7	60	.250	11	12	12	68	Orange
HSU824	.796	.824	477, 18/1	61	.250	11	12	12	73	Purple
HSU845	.825	.845	477, 26/7AWAC	64	.250	11	12	12	76	Red
HSU870	.846	.870	477, 26/7	64	.250	11	12	12	76	Blue
HSU893	.871	.893	600, 37W All-Alum.	65	.250	12	12	12	81	Green
HSU907	.894	.907	500, 30/7	65	.250	12	12	12	82	Green
HSU920	.908	.920	556.5, 24/7	66	.250	12	12	9	81	Yellow
HSU937	.921	.937	556.5, 26/7	66	.250	12	9	9	81	Black
HSU962	.938	.962	605, 24/7	67	.250	12	9	9	81	White
HSU986	.963	.986	636, 24/7	68	.250	13	9	9	87	Brown
HSU1005	.987	1.005	636, 26/7	69	.250	13	9	9	87	Orange
HSU1022	1.006	1.022	636, 30/19	80	.310	11	6	6	73	Purple
HSU1040	1.023	1.040	795, 37-61W All-Alum.	82	.310	11	6	6	75	Red
HSU1074	1.041	1.074	715.5, 26/7	82	.310	11	6	6	75	Blue
HSU1090	1.075	1.090	874.5, 37W	82	.310	12	6	6	78	Green
HSU1118	1.091	1.118	795, 26/7	82	.310	12	6	6	78	Yellow
HSU1136	1.119	1.136	954, 37W All-Alum.	82	.310	12	6	6	78	Black

(Continued on next page)

Right-hand lay standard  
EXPLANATORY NOTES:

- (1) Nominal Conductor Size indicates one of various conductors within each range.
- (2) Reference general dimensional information for physical dimensions other than length.



# HELICAL SUSPENSION UNITS

For use on:  
ACSR, All-Aluminum, Aluminum Alloy,  
Compacted ACSR, ACSS (AW & TW)  
for Continuous Operating Temperatures  
up to 200° C



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	HSU Rods				HSU Hardware Sets Per Carton	HSU Rods & Hardware Wt./lbs. Per Carton	Color Code
	Min.	Max.		Length (Inches)	Rod Diameter (Inches)	Rods Per Set	Sets Per Carton			
HSU1152	1.137	1.152	795, 30/19	82	.310	12	6	6	78	White
HSU1175	1.153	1.175	954, 45/7	82	.310	12	6	6	79	Brown
HSU1208	1.176	1.208	954, 54/7	82	.310	12	6	6	79	Orange
HSU1226	1.209	1.226	1113, 61W	88	.365	11	3	3	55	Purple
HSU1259	1.227	1.259	1192.5, 61W All-Alum.	88	.365	11	3	3	55	Red
HSU1286	1.260	1.286	1113,48/7	88	.365	12	3	3	58	Blue
HSU1314	1.287	1.314	1272,61W	88	.365	12	3	3	58	Green
HSU1355	1.315	1.355	1272,45/7	88	.365	12	3	3	58	Yellow
HSU1394	1.356	1.394	1272,54/19	88	.365	12	3	3	60	Black
HSU1416	1.395	1.416	1351.5, 54/19 AWAC	88	.365	13	3	3	61	White
HSU1442	1.417	1.442	1510.5,61W	88	.365	13	3	3	62	Brown
HSU1477	1.443	1.477	1431,54/19	88	.365	13	3	3	64	Orange
HSU1516	1.478	1.516	1590,45/7	88	.365	13	3	3	64	Purple
HSU1557	1.517	1.557	1590,54/19	88	.365	13	3	3	64	Red
HSU1579	1.558	1.579	1780,72/7	100	.365	14	3	3	78	Blue
HSU1612	1.580	1.612	1780,84/19	100	.365	14	3	3	78	Green
HSU1650	1.613	1.650	2000,91W	100	.365	14	3	3	79	Yellow
HSU1688	1.651	1.688	2000,72/7	100	.365	15	3	3	83	Black
HSU1711	1.689	1.711	2000,84/19	100	.365	15	3	3	83	White
HSU1752	1.712	1.752	2129,84/19	100	.365	15	3	3	83	Brown
HSU1790	1.753	1.790	2156,84/19	100	.365	15	3	3	83	Orange
HSU1828	1.791	1.828	2300,84/19	100	.365	15	3	3	83	Purple
HSU1882	1.829	1.882	2515MCM76/19	100	.365	16	3	3	85	Red
HSU2233	2.193	2.233		100	.365	18	3	3	88	Red

Right-hand lay standard

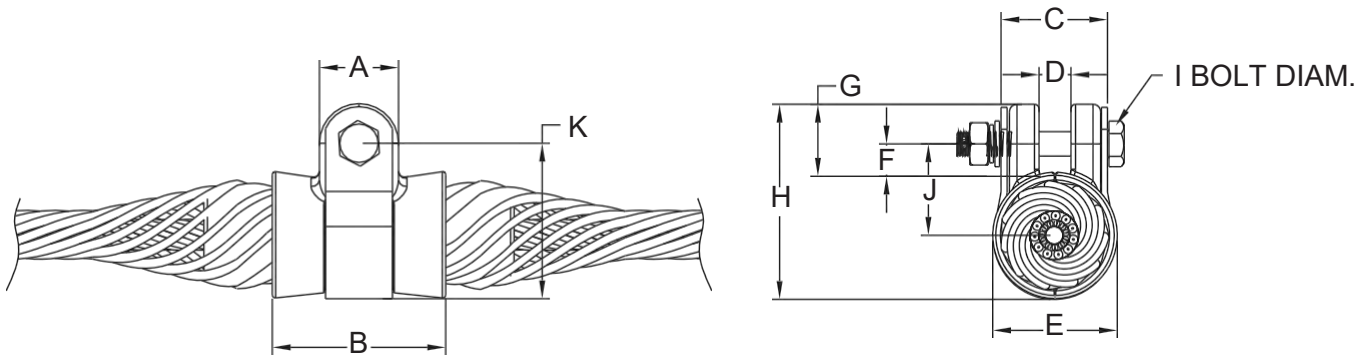
EXPLANATORY NOTES:

- (1) Nominal Conductor Size indicates one of various conductors within each range.
- (2) Reference general dimensional information for physical dimensions other than length.
- (3) Add " H " to catalog number for high temperature type (for example HSU 1286H)



# HELICAL SUSPENSION UNIT FITTINGS

## DIMENSIONAL TABLES



CATALOG NUMBER	CONDUCTOR RANGE (INCHES)		DIMENSION(INCHES)											VERTICAL ULTIMATE STRENGTH (POUNDS)
	MIN	MAX.	A	B	C	D	E	F	G	H	I	J	K	
HOU-60	.304	.389	1-3/4	2-1/4	1-1/4	11/16	2-1/16	1-5/32	2-1/32	4-3/32	5/8	2-1/32	3-7/32	15,000
HOU-66	.390	.481	1-3/4	2-1/2	1-5/16	11/16	2-1/4	1-3/32	1-31/32	4-3/32	5/8	2-3/32	3-7/32	15,000
HOU-80	.482	.542	1-5/8	3	2-3/32	21/32	2-13/32	1	1-13/16	4	5/8	1-31/32	3-3/16	10,000
HOU-90	.543	.645	1-3/4	3-1/2	2-5/32	23/32	2-5/8	1-1/32	1-29/32	4-3/16	5/8	1-15/16	3-1/4	10,000
HOU-95	.646	.750	1-3/4	3-3/4	2-1/4	3/4	2-13/16	1	1-7/8	4-7/16	5/8	2-5/32	3-9/16	15,000
HOU-114	.751	.907	2	4-17/32	2-11/16	7/8	3-5/16	1	2	5	5/8	2-11/32	4	20,000
HOU-125	.908	1.005	2	5	2-15/16	7/8	3-11/16	1	2	5-3/8	5/8	2-17/32	4-3/8	20,000
HOU-135	1.006	1.208	2-1/4	5-1/2	3-1/2	1-3/16	4-5/32	1	2-1/8	5-29/32	5/8	2-45/64	4-25/32	25,000
HOU-155	1.209	1.355	2-1/4	6	3-5/8	1-1/4	4-13/16	1-1/4	2-3/8	6-11/16	3/4	3-5/32	5-9/16	25,000
HOU-165	1.356	1.557	2-1/4	6-1/2	4-1/8	1-3/8	5-1/16	1-1/8	2-1/4	6-5/8	3/4	2-31/32	5-1/2	25,000
HOU-180	1.558	1.882	2-1/2	7	4-11/16	2-1/4	5-19/32	1-1/8	2-3/8	7-1/4	3/4	3-3/16	6	25,000
HOU-190	1.883	2.233	2-1/2	7-1/2	5-7/32	2-13/32	6-1/16	1-3/16	2-7/16	7-25/32	3/4	3-1/2	6-17/32	30,000(2)

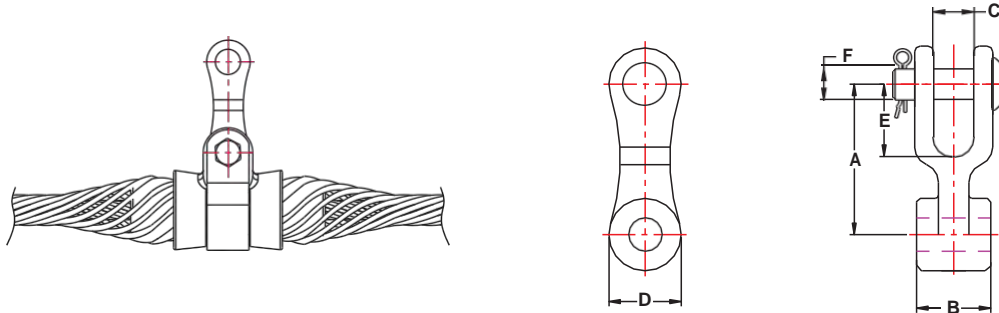
EXPLANATORY NOTE:

(1) HSU Rod length and diameter for individual sizes can be taken from the catalog number tables.



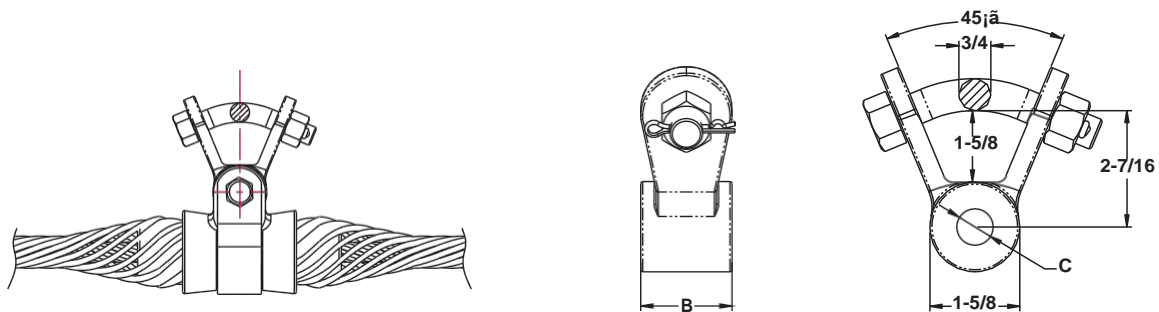
# HELICAL SUSPENSION UNIT FITTINGS

## HSU CLEVIS EYE\*



CATALOG NUMBER	CONDUCTOR DIA. RANGE (INCHES)		GENERAL DIMENSIONS							VERTICAL ULTIMATE STRENGTH (POUNDS)	WT. PER 100 UNITS (POUNDS)
	MIN.	MAX.	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.	G IN.		
CE-5259	.272	.750	3-1/8	1/2	11/16	1-1/2	1-1/2	5/8	13/16	15,000	104
CE-5261	.751	1.005	3-1/8	3/4	11/16	1-1/2	1-1/2	5/8	13/16	20,000	104
CE-5105	1.006	1.557	3-1/8	1-1/16	13/16	1-1/2	1-1/2	5/8	13/16	25,000	178
CE-5106	1.558	2.233	3-1/8	2-1/8	13/16	1-1/2	1-1/2	5/8	13/16	25,000	178

## HSU Y CLEVIS EYE\*



CATALOG NUMBER	CONDUCTOR DIA. RANGE (INCHES)		GENERAL DIMENSIONS		VERTICAL ULTIMATE STRENGTH (POUNDS)
	MIN.	MAX.	B IN.	C IN.	
YC-5206	.272	.750	5/8	11/16	15,000
YC-5207	.751	1.005	3/4	11/16	20,000
YC-5209	1.006	1.557	1-1/16	13/16	25,000
YC-5211	1.558	2.233	2-1/8	13/16	25,000

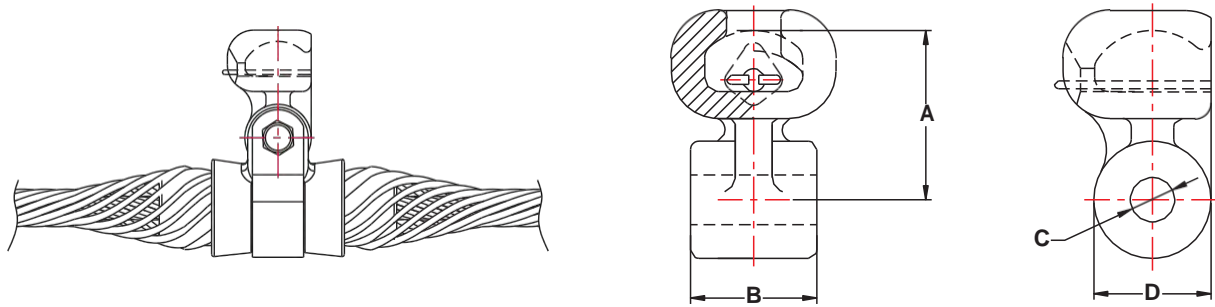
**EXPLANATORY NOTE:**

\*When ordered, HSU FITTINGS will be packed separately from the standard Helical Suspension Unit.



# HELICAL SUSPENSION UNIT FITTINGS

## HSUSOCKETEYE\*



CATALOG NUMBER	CONDUCTOR DIA. RANGE		GENERAL DIMENSIONS				VERTICAL ULTIMATE STRENGTH (POUNDS)	WT. PER 100 UNITS POUNDS
	MIN	MAX	A IN	B IN	C IN	D IN		
SE-5150	.272	.750	2-5/16	1/2	11/16	1-1/2	15,000	165
SE-5152	.751	1.005	2-5/16	3/4	11/16	1-1/2	20,000	165
SE-5154	1.006	1.557	2-5/16	1-1/16	13/16	1-1/2	25,000	178
SE-5155	1.558	2.233	2-5/16	2-1/8	13/16	1-1/2	30,000	178

EXPLANATORY NOTE:

\*When ordered, HSU FITTINGS will be packed separately from the standard Helical Suspension Unit.



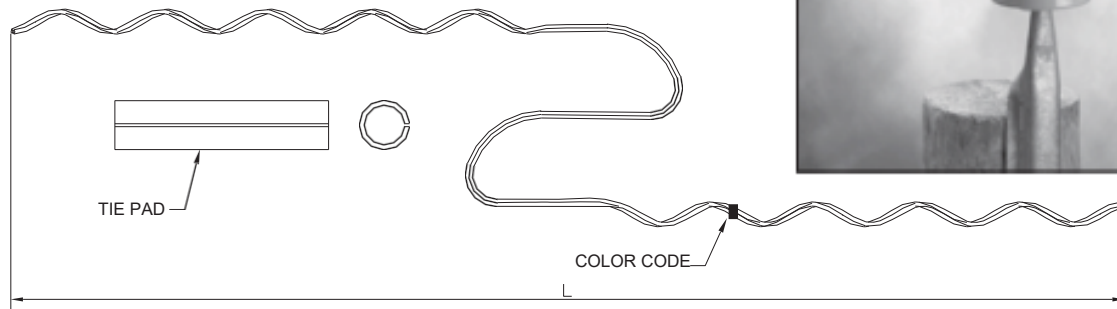


# DISTRIBUTION TIES

For use on:

ACSR, Compacted ACSR, Aluminum Alloy, All-Aluminum, AWAC® Compacted All-Aluminum C-Neck Interchangeable Headstyle Insulators

ANSI 55-2 Pin      2-1/4" Neck Diameter  
ANSI 55-3 Pin



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
9/16" R. GROOVE (See Note 2)								
UTC6	.190	.215	#6, 6/1 – #4, 7W Comp.	100	17	24	Black	Blue
UTC4A	.216	.244	#4, 7W All Alum. – #4, 6/1, 7/1 Comp.	100	18	25	Black	Brown
UTC4	.245	.277	#4, 6/1, 7/1 – #4, 7W Alum. Alloy	100	18	26	Black	Orange
UTC3	.278	.315	#3, 7W Alum. Alloy – #2, 7W All Alum.	100	18	26	Black	Purple
UTC2	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy #1, 6/1	100	19	28	Black	Red
UTC10	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	100	20	30	Black	Yellow
UTC20	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	17	25	Black	Blue
UTC30	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	17	25	Black	Orange
UTC40	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	18	28	Black	Red
UTC266	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	18	30	Black	Purple
9/16" R. GROOVE (See Note 2)								
UTC336	.666	.755	336.4, 19W All Alum. 336.4, 18/1 397.5, 19W All Alum.	50	19	31	Black	Brown
UTC477	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	19	32	Black	Red
5/8" R. GROOVE (See Note 2)								
UTC556	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W All Alum.	50	20	34	Black	Blue
3/4" R. GROOVE (See Note 2)								
UTC795	.969	1.096	795, 37W All Alum. 795, 61W All Alum. 715.5, 24/7 795, 54/7	50	21	37	Black	Green
UTC954	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W All Alum.	50	22	40	Black	Yellow

Right-hand lay standard

(Continued on next page)

**EXPLANATORY NOTES:**

- (1) "Nominal Conductor Size" indicates one or more of various conductors within each range.
- (2) For the succeeding ranges the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

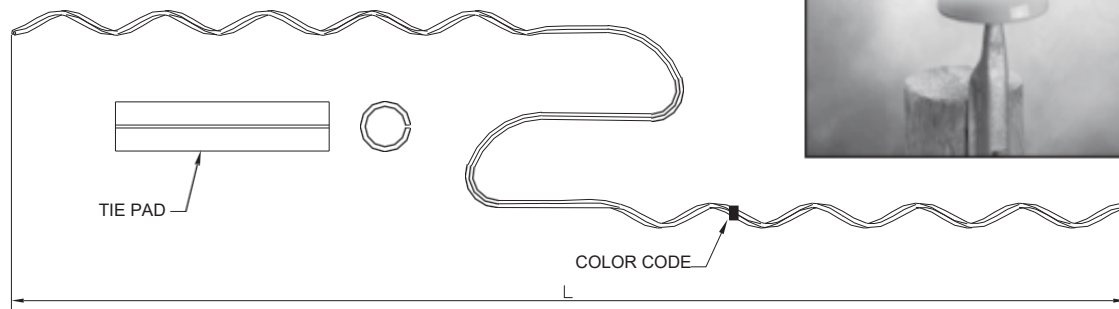


# DISTRIBUTION TIES

For use on:

ACSR, Compacted ACSR, Aluminum Alloy, All-Aluminum, AWAC® Compacted All Aluminum F-Neck Interchangeable Headstyle Insulators

- ANSI 55-4 Pin    ANSI 55-5 Pin
- ANSI 57-1 Pin    ANSI 57-2 Pin
- ANSI 57-3 Pin    2-7/8" Neck Diameter



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
9/16" R. GROOVE (See Note 2)								
UTF6	.190	.215	#6, 6/1 #4, 7W Comp.	100	18	25	Yellow	Blue
UTF4A	.216	.244	#4, 7W All Alum. #4, 6/1, 7/1 Comp.	100	19	26	Yellow	Brown
UTF4	.245	.277	#4, 6/1, 7/1 #4, 7W Alum. Alloy	100	19	27	Yellow	Orange
UTF3	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	100	20	29	Yellow	Purple
UTF2	.316	.357	#2, 6/1, 7/1 #2, 7W Alum. Alloy #1, 6/1	100	20	31	Yellow	Red
UTF10	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	100	21	32	Yellow	Yellow
UTF20	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	18	26	Yellow	Blue
UTF30	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	18	27	Yellow	Orange
UTF40	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	19	29	Yellow	Red
UTF266	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	19	32	Yellow	Purple
9/16" R. GROOVE (See Note 2)								
UTF336	.666	.755	336.4, 19W All Alum. 336.4, 18/1 397.5, 19W All Alum.	50	20	32	Yellow	Brown
UTF477	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	20	33	Yellow	Red
5/8" R. GROOVE (See Note 2)								
UTF556	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W All Alum.	50	21	35	Yellow	Blue
3/4" R. GROOVE (See Note 2)								
UTF795	.969	1.096	795, 37W All Alum. 795, 61W All Alum. 715.5, 24/7 795, 54/7	50	22	38	Yellow	Green
UTF954	1.097	1.240	954, 36/1 1033.5, 37W, 61W All Alum. 954, 54/7	50	23	41	Yellow	Yellow
1" R. GROOVE (See Note 2)								
UTF1033	1.241	1.402	1033.5, 54/7 1272, 45/7	50	25	43	Yellow	Orange
UTF1351	1.403	1.585	1351.5, 54/19 1590, 45/7	50	26	45	Yellow	Black

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) "Nominal Conductor Size" indicates one or more of various conductors within each range.
- (2) For the succeeding ranges the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

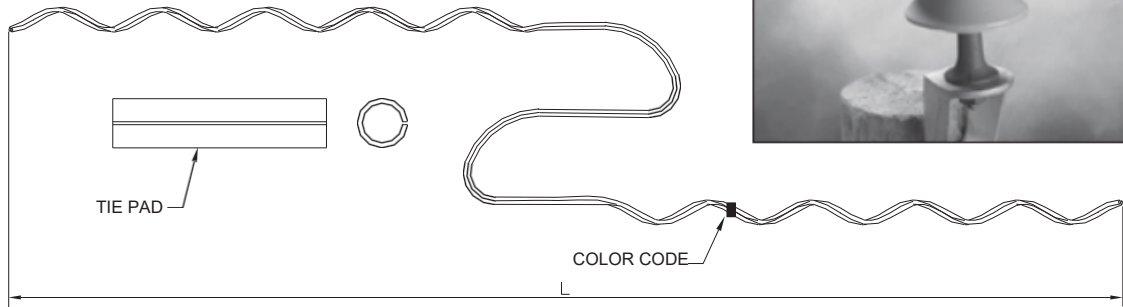


# DISTRIBUTION TIES

For use on:

ACSR, Compacted ACSR, Aluminum Alloy, All-Aluminum, AWAC® Compacted All-Aluminum J-Neck Interchangeable Headstyle Insulators

ANSI 55-6 Pin      ANSI 55-7 Pin  
ANSI 56-1 Pin      3-1/2" Neck Diameter



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R. GROOVE (See Note 2)</b>								
UTJ6	.190	.215	#6, 6/1 #4, 7W Comp.	100	24	26	Green	Blue
UTJ4A	.216	.244	#4, 7W All Alum. #4, 6/1, 7/1 Comp.	100	24	27	Green	Brown
UTJ4	.245	.277	#4, 6/1, 7/1 #4, 7W Alum. Alloy	100	25	28	Green	Orange
UTJ3	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	100	27	30	Green	Purple
UTJ2	.316	.357	#2, 6/1, 7/1 #2, 7W Alum. Alloy #1, 6/1	100	29	32	Green	Red
UTJ10	.358	.405	1/0, 7W All Alum. 1/0, 6/1, 1/0, 7W Alum. Alloy	100	31	33	Green	Yellow
UTJ20	.406	.459	2/0, 7W All Alum. 2/0, 6/1, 2/0, 7W Alum. Alloy	50	20	27	Green	Blue
UTJ30	.460	.520	3/0, 7W All Alum. 3/0, 6/1, 3/0, 7W Alum. Alloy	50	21	28	Green	Orange
UTJ40	.521	.588	4/0, 7W All Alum. 4/0, 6/1, 4/0, 7W Alum. Alloy	50	22	30	Green	Red
UTJ266	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	22	33	Green	Purple
<b>9/16" R. GROOVE (See Note 2)</b>								
UTJ336	.666	.755	336.4, 19W All Alum. 336.4, 18/1 397.5, 19W All Alum.	50	23	33	Green	Brown
UTJ477	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	27	34	Green	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
UTJ556	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W All Alum.	50	27	36	Green	Blue
<b>3/4" R. GROOVE (See Note 2)</b>								
UTJ795	.969	1.096	795, 37W All Alum. 795, 61W All Alum. 715.5, 24/7 795, 54/7	50	30	39	Green	Green
UTJ954	1.097	1.240	954, 36/1 954, 54/7 1033.5, 37W, 61W All Alum.	50	31	42	Green	Yellow

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) "Nominal Conductor Size" indicates one or more of various conductors within each range.
- (2) For the succeeding ranges the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.



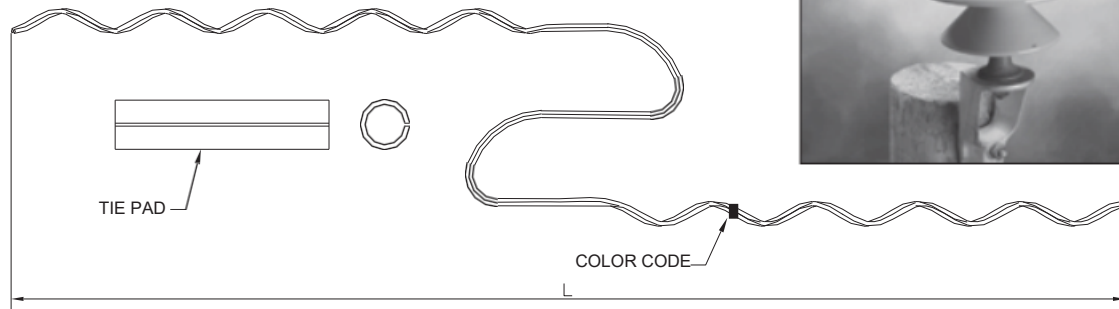
# DISTRIBUTION TIES

For use on:

ACSR, Compacted ACSR, Aluminum Alloy, All-Aluminum, AWAC® Compacted All-Aluminum K-Neck Interchangeable Headstyle Insulators

ANSI 56-2 Pin  
ANSI 56-3 Pin

4" Neck Diameter



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
9/16" R. GROOVE (See Note 2)								
UTK4	.245	.277	#4, 6/1 #4, 7W AAC	100	27	32	Blue	Orange
UTK2	.316	.357	#2, 6/1, 7/1 #2, 7W AAAC #1, 6/1	100	31	36	Blue	Red
UTK10	.358	.405	1/0, 7W AAC 1/0, 6/1, 1/0, 7W AAAC	100	31	38	Blue	Yellow
UTK20	.406	.459	2/0, 7W AAC 2/0, 6/1, 2/0, 7W AAAC	50	21	31	Blue	Blue
UTK30	.460	.520	3/0, 7W AAC 3/0, 6/1, 3/0, 7W AAAC	50	22	32	Blue	Orange
UTK40	.521	.588	4/0, 7W AAC 4/0, 6/1, 4/0, 7W AAAC	50	23	34	Blue	Red
UTK266	.589	.665	266.8, 37W AAC 266.8, 18/1	50	25	36	Blue	Purple
UTK336	.666	.755	336.4, 19W AAC 336.4, 18/1 397.5, 19W AAC	50	25	37	Blue	Brown
UTK477	.756	.858	477, 19W, 37W AAC 477, 18/1, 24/7, 26/7	50	27	38	Blue	Red
5/8", R. GROOVE (See Note 2)								
UTK556	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W AAC	50	27	40	Blue	Blue
3/4", R. GROOVE (See Note 2)								
UTK795	.969	1.096	795, 37W, 61W AAC 715.5, 24/7 795, 54/7	50	29	43	Blue	Green
UTK954	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, AAC	50	30	46	Blue	Yellow

Right-hand lay standard  
EXPLANATORY NOTES:

- (1) "Nominal Conductor Size" indicates one or more of various conductors within each range.
- (2) For the succeeding ranges the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.



# SIDE TIES - GROOVE FORMED

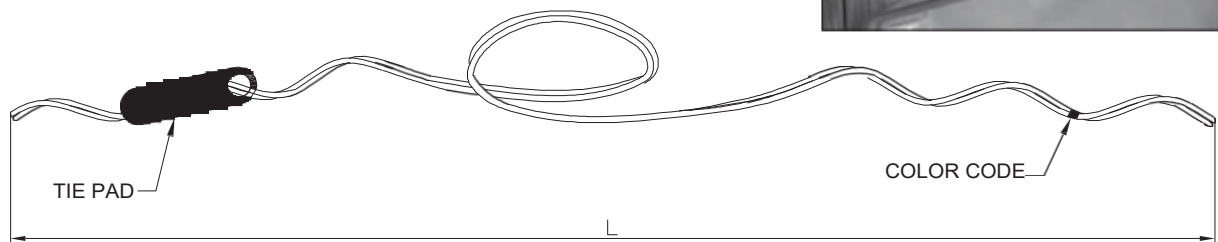
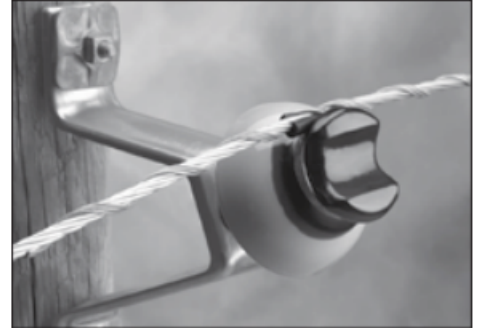
For use on:

ACAR, ACSR, All-Aluminum, AWAC® Compacted ACSR, Aluminum Alloy  
C-Neck Interchangeable Headstyle Insulators

ANSI 55-2 Pin

2-1/4" Neck Diameter

ANSI 55-3 Pin



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R. GROOVE (See Note 2)</b>								
STC6P	.190	.215	#6, 6/1 – #4, 7W Comp.	100	19	16	Black	Blue
STC4AP	.216	.244	#4, 7W All Alum. – #4, 6/1, 7/1 Comp.	100	20	17	Black	Brown
STC4P	.245	.277	#4, 6/1, 7/1 – #4, 7W Alum. Alloy	100	22	19	Black	Orange
STC3P	.278	.315	#3, 7W Alum. Alloy – #2, 7W All Alum.	50	11	21	Black	Purple
STC2P	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy – #1, 6/1	50	16	24	Black	Red
STC10P	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	50	17	26	Black	Yellow
STC20P	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	20	28	Black	Blue
STC30 P	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	21	31	Black	Orange
STC40P	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	22	32	Black	Red
STC266P	.589	.665	266.8, 37W All Alum. 266.8, 18/1 336.4, 19W All Alum.	50	24	23	Black	Purple
STC336P	.666	.755	336.4, 18/1 397.5, 19W All Alum. 400, 19W, 37W, All Alum.			25	Black	Brown
STC477 P	.756	.858	477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7			26	Black	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
STC556P	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W, All Alum.			28	Black	Blue
<b>11/16" R. GROOVE (See Note 2)</b>								
STC795P	.969	1.096	795, 37W, 61W, All Alum. 715.5, 24/7 795, 54/7			29	Black	Green
<b>3/4" R. GROOVE (See Note 2)</b>								
STC954P	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, All Alum.			33	Black	Yellow

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.



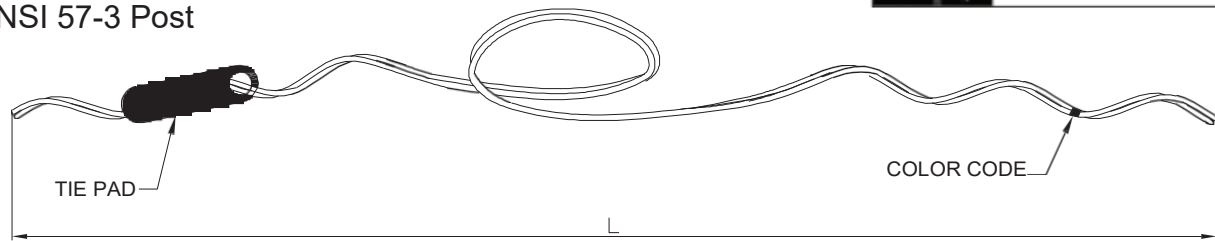
# SIDE TIES - GROOVE FORMED

For use on:

ACAR, ACSR, All-Aluminum, AWAC® Compacted ASCR, Aluminum Alloy  
F-Neck Interchangeable Headstyle Insulators

ANSI 53-4 Spool    ANSI 53-5 Spool  
ANSI 55-4 Pin     ANSI 55-5 Pin  
ANSI 57-1 Post    ANSI 57-2 Post  
ANSI 57-3 Post

2-7/8"  
Neck Diameter



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R. GROOVE (See Note 2)</b>								
STF6 P	.190	.215	#6, 6/1 #4, 7W Comp.	100	16	16	Yellow	Blue
STF4AP	.216	.244	#4, 7W All Alum. #4, 6/1, 7/1 Comp.	100	17	17	Yellow	Brown
STF4 P	.245	.277	#4, 6/1, 7/1 #4, 7W Alum. Alloy	100	19	19	Yellow	Orange
STF3 P	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	50	12	21	Yellow	Purple
STF2 P	.316	.357	#2, 6/1, 7/1 #2, 7W Alum. Alloy #1, 6/1	50	17	24	Yellow	Red
STF10 P	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	50	17	26	Yellow	Yellow
STF20 P	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	21	28	Yellow	Blue
STF30P	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	22	30	Yellow	Orange
STF40 P	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	24	32	Yellow	Red
STF266 P	.589	.665	266.8, 37W All Alum. 266.8, 18/1 336.4, 19W All Alum.	50	24	23	Yellow	Purple
STF336 P	.666	.755	336.4, 18/1 397.5, 19W All Alum. 400, 19W, 37W, All Alum.	50	33	25	Yellow	Brown
STF477P	.756	.858	477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	30	26	Yellow	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
STF556 P	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W, All Alum.	50	36	28	Yellow	Blue
<b>11/16" R. GROOVE (See Note 2)</b>								
STF795 P	.969	1.096	795, 37W, 61W, All Alum. 715.5, 24/7 795, 54/7	50	36	29	Yellow	Green
<b>3/4" R. GROOVE (See Note 2)</b>								
STF954 P	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, All Alum.	50	39	33	Yellow	Yellow

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.





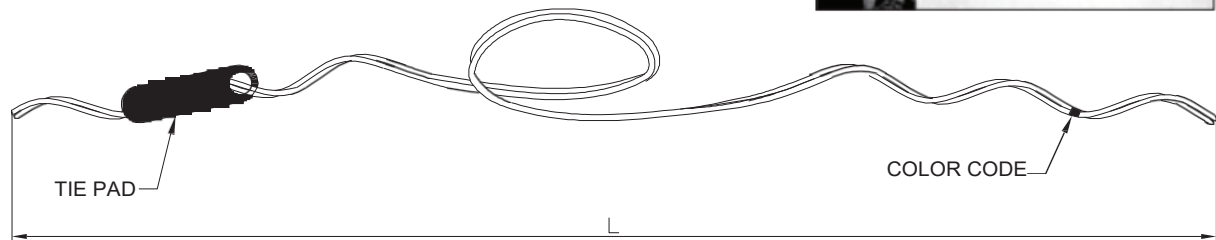
# SIDE TIES - GROOVE FORMED

For use on:

ACSR, ACAR, All-Aluminum, AWAC®, Compacted ACSR, Aluminum Alloy  
J-Neck Interchangeable Headstyle Insulators

ANSI 55-6 Single Skirt Pin  
ANSI 55-7 Single Skirt Pin  
ANSI 56-1 Double Skirt Pin

3-1/2"  
Neck Diameter



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Approx. Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
9/16" R. GROOVE (See Note 2)								
STJ6P	.190	.215	#6, 6/1	100	19	16	Green	Blue
STJ4AP	.216	.244	#4, 7W, All Alum.	100	21	17	Green	Brown
STJ4P	.245	.277	#4, 6/1 - 7/1 #3, 7W, All Alum.	100	23	19	Green	Orange
STJ3P	.278	.315	#3, 7W, Alum. Alloy #2, 7W, All Alum.	100	28	21	Green	Purple
STJ2P	.316	.357	#2, 6/1 - 7/1 #2, 7W, Alum. Alloy #1, 6/1	100	32	24	Green	Red
STJ10P	.358	.405	1/0, 7W-19W All Alum. 1/0, 6/1 1/0, 7W, Alum. Alloy	100	33	26	Green	Yellow
STJ20P	.406	.459	2/0, 7W-19W, All Alum. 2/0, 6/1	50	24	31	Green	Blue
STJ30 P	.460	.520	3/0, 7W-19W, All Alum. 3/0, 6/1 3/0, 7W, Alum. Alloy	50	24	32	Green	Orange
STJ40P	.521	.588	4/0, 6/1 4/0, 7W, All Alum. 4/0, 7W, Alum Alloy 250, 19W-37W All Alum.	50	25	34	Green	Red
STJ266P	.589	.665	266.8, 19W-37W All Alum. 300, 19W37W, All Alum. 266.8, 26/7	50	27	23	Green	Purple
5/8" R. GROOVE (See Note 2)								
STJ336 P	.666	.755	336.4, 37W, All Alum. 397.5, 19W-37W, All Alum.	50	33	25	Green	Brown
STJ477P	.756	.858	397.5, 24/7, 26/7 477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	35	26	Green	Red
STJ556 P	.859	.968	556.5, 61W All Alum. 556.5, 26/7 636, 18/1	25	19	28	Green	Blue
STJ795 P	.969	1.096	636, 24/7, 26/7, 30/19 715.5, 36/1, 24/7, 26/7	25	19	29	Green	Green
STJ954 P	1.097	1.240	954, 54/7 1033.5, 45/7 1113, 61W All Alum. 954, 37W Alum. Alloy	25	22	33	Green	Yellow

**EXPLANATORY NOTES:**

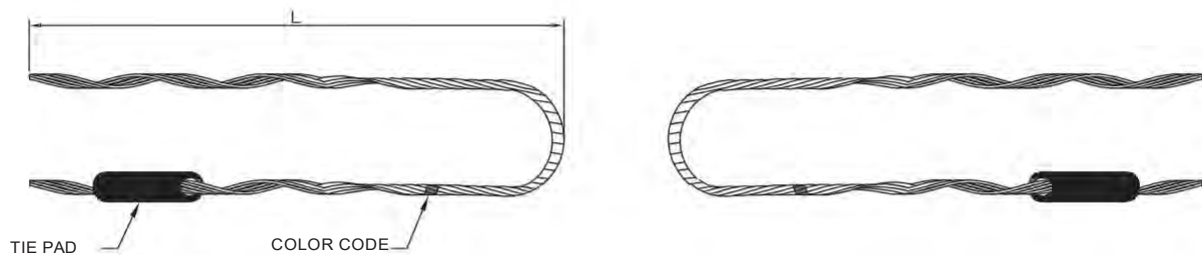
- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

# DOUBLE SIDE TIES

For use on:

 ACSR, All-Aluminum, AWAC®, Aluminum Alloy Compacted ACSR, ACAR  
 C-Neck & F-Neck Interchangeable Headstyle Insulators

ANSI 55-2 PIN	ANSI 55-3 PIN	2-1/4" & 2-7/8" Neck Diameters
ANSI 55-4 PIN	ANSI 55-5 PIN	
ANSI 57-1 POST	ANSI 57-2 POST	
ANSI 57-3 POST		



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R. GROOVE (See Note 2)</b>								
DBST4CF	.245	.277	#4, 6/1- 7/ 1 – #4, 7W Alum. Alloy	50	21	16	Black/Yellow	Orange
DBST3CF	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	50	21	16	Black/Yellow	Purple
DBST2CF	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy – #1, 6/1	50	21	17	Black/Yellow	Red
DBST10CF	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	50	21	16	Black/Yellow	Yellow
DBST20CF	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	21	18	Black/Yellow	Blue
DBST30CF	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	36	19	Black/Yellow	Orange
DBST40CF	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	36	19	Black/Yellow	Red
DBST266CF	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	38	20	Black/Yellow	Purple
DBST336CF	.666	.755	336.4, 18/1 336.4, 19W All Alum. 397.5, 19W, All Alum.	50	39	20	Black & Yellow	Brown
DBST477CF	.756	.858	477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	39	20	Black & Yellow	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
DBST 556CF	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W, All Alum.	50	42	22	Black & Yellow	Blue
<b>11/16" R. GROOVE (See Note 2)</b>								
DBST795CF	.969	1.096	795, 37W, 61W, All Alum. 715.5, 24/7 795, 54/7	50	44	24	Black & Yellow	Green
<b>3/4" R. GROOVE (See Note 2)</b>								
DBST954CF	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, All Alum.	50	44	24	Black & Yellow	Yellow

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Diameter Range indicates the size of conductors that utilize the same tie.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) The loop of the Double Side Ties on this page can accommodate either C or F neck insulators.
- (4) Nominal Conductor size indicates one of various conductors within each range.
- (5) AWAC is a registered trademark of the Copperweld Co.



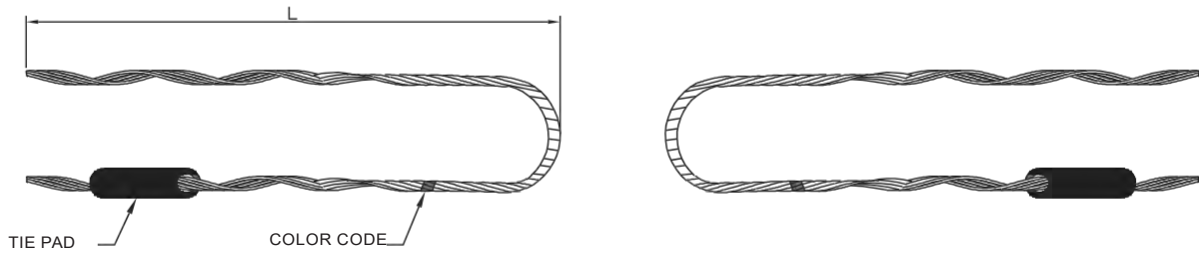
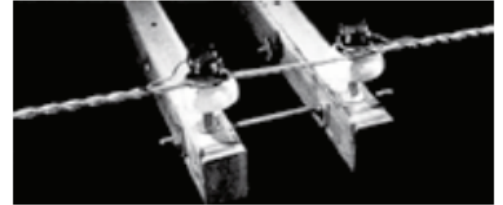
# DOUBLE SIDE TIES

For use on:

ACSR, All-Aluminum, AWAC®, Aluminum Alloy Compacted ACSR, ACAR

J-Neck Interchangeable Headstyle Insulators

ANSI 55-6	Single Skirt Pin	3-1/2" Neck Diameter
ANSI 55-7	Single Skirt Pin	
ANSI 56-1	Double Skirt Pin	



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
<b>9/16" R. GROOVE (See Note 2)</b>								
DBST4J	.245	.277	#4, 6/1- 7/ 1 – #4, 7W Alum. Alloy	50	24	19	Green	Orange
DBST3J	.278	.315	#3, 7W Alum.Alloy – #2, 7W All Alum.	50	21	17	Green	Purple
DBST2J	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy – #1, 6/1	50	27	22	Green	Red
DBST10J	.358	.405	1/0, 7W - 19W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	50	26	21	Green	Yellow
DBST20J	.406	.459	2/0, 7W - 19W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	36	19	Green	Blue
DBST30J	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	37	20	Green	Orange
DBST40J	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	39	21	Green	Red
DBST266J	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	45	24	Green	Purple
DBST336J	.666	.755	336.4, 18/1 336.4, 19W All Alum. 397.5, 19W, All Alum.	50	46	25	Green	Brown
DBST447J	.756	.858	477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	44	24	Green	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
DBST556J	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W, All Alum.	50	43	23	Green	Blue
<b>11/16" R. GROOVE (See Note 2)</b>								
DBST795J	.969	1.096	795, 37W, 61W, All Alum. 715.5, 24/7 795, 54/7	50	43	23	Green	Green
DBST954J	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, All Alum.	50	48	25	Green	Yellow

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Diameter Range indicates the size of conductors that utilize the same tie.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) The loop of the Double Side Ties on this page can accommodate J-neck insulators.
- (4) Nominal Conductor size indicates one of various conductors within each range.
- (5) AWAC is a registered trademark of the Copperweld Co.



# LONGSPAN TIES

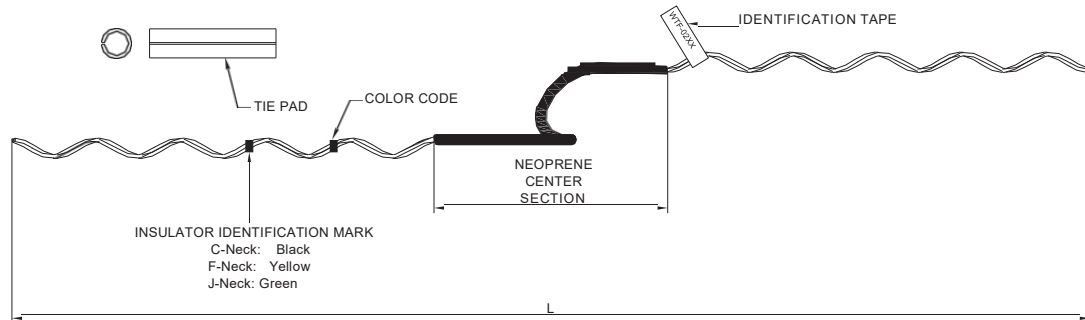
For use on:

ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum,  
 AWAC® Compacted All-Aluminum  
 C-Neck Interchangeable Headstyle Insulators



ANSI 55-2 Pin  
 ANSI 55-3 Pin

2-1/4" Neck Diameter



Catalog Number	Diameter Range (inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
9/16" R Groove (See Note 2)								
LTC-0100	.248	.259	#4, 6/1- 7/ 1 #4, 7W Alum. Alloy	100	21	19	Black	Orange
LTC-0101	.260	.269	#4, AWAC, 5/2 #3, 7W, All-Alum. #2, 7W, Comp.	100	21	19	Black	Green
LTC-0102	.270	.280	#3, 7W, Alum. Alloy #3, AWAC, 6/1	100	21	19	Black	Yellow
LTC-0103	.281	.291	#4, AWAC, 4/3 #3, 6/1 #2, 6/1, Comp.	100	24	20-1/2	Black	White
LTC-0104	.292	.303	#3, AWAC, 5/2 #2, 7W, All-Alum. #2, 7/1, Comp.	100	24	20-1/2	Black	Purple
LTC-0105	.304	.314	#4, AWAC, 3/4 #2, AWAC, 6/1	100	24	21-1/2	Black	Brown
LTC-0106	.315	.327	#2, 6/1- 7/ 1 #2, 7W, Alum. Alloy	100	24	21-1/2	Black	Red
LTC-0107	.328	.340	#2, AWAC, 5/2 #1, 7W, All-Alum. 1/0, 7W, Comp.	100	25	22-1/2	Black	Blue
LTC-0108	.341	.353	#3, AWAC, 3/4 #1, 7W, Alum. Alloy	100	25	22-1/2	Black	Orange
LTC-0109	.354	.367	#2, AWAC, 4/3 #1, 6/1, 1/0, 6/1, Comp.	100	26	23-1/2	Black	Green
LTC-0110	.368	.381	1/0, 7W, All-Alum. 2/0, 7W, Comp.	100	26	20	Black	Black
LTC-0111	.382	.394	#2, AWAC, 3/4 1/0, AWAC, 6/1	100	27	21	Black	White
LTC-0112	.395	.411	1/0, 6/1 1/0, 7W, Alum. Alloy	100	27	21	Black	Yellow
LTC-0113	.412	.437	2/0, 7W-19W, All-Alum. 3/0, 7W-19W, Comp.	100	27	22	Black	Brown
LTC-0114	.438	.463	2/0, 6/1- 7/ 1 2/ 0, 7W, Alum. Alloy	100	28	23	Black	Blue
LTC-0115	.464	.492	3/0, 7W-19W, All-Alum. 4/0, 7W-19W, Comp.	50	18	24-1/2	Black	Green
LTC-0116	.493	.522	3/0, 6/1 3/0, 7W, Alum. Alloy 4/0, 7W, All-Alum.	50	18	24-1/2	Black	Orange
LTC-0117	.523	.554	3/0, AWAC, 5/2 4/0, 19W, All-Alum. 266.8, 7W-19W, Comp.	50	18	26-1/2	Black	Black
LTC-0118	.555	.594	4/0, 6/1 4/0, 7W, Alum. Alloy 266.8, 7W-19W, All-Alum.	50	19	27-1/2	Black	Red
LTC-0119	.595	.630	266.8, 18/1 300, 18W-37W, All-Alum.	50	21	28-1/2	Black	Purple

Right-hand lay standard

(Continued on next page)

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding conductors ranges, the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.



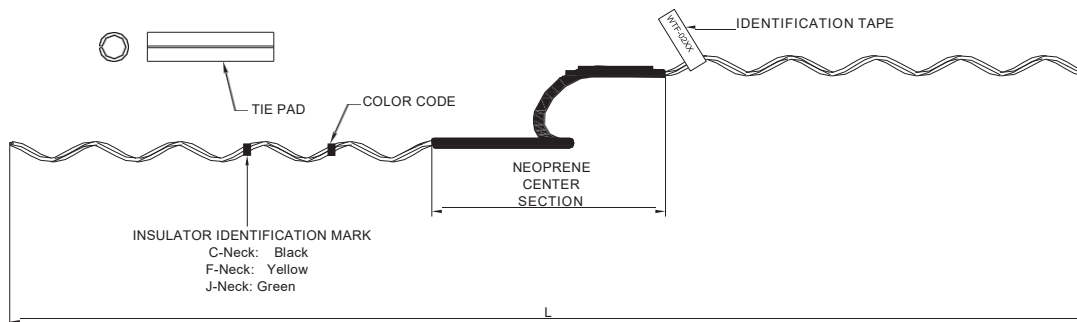
# LONGSPAN TIES

For use on:

ACSR, Compacted ACSR, Aluminum Alloy  
All-Aluminum, AWAC® Compacted All-Aluminum  
C-Neck Interchangeable Headstyle Insulators



ANSI 55-2 Pin                      2-1/4" Neck Diameter  
ANSI 55-3 Pin



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>5/8", R. Groove (See Note 2)</b>								
LTC-0120	.631	.664	266.8, 26/7 266.8, 19W, Alum. Alloy	50	21	28-1/2	Black	Yellow
LTC-0121	.665	.705	336.4, 18/1- 36/1 336.4, 19W, All-Alum. 350, 19W-37W, All-Alum.	50	21	29-1/2	Black	Brown
LTC-0122	.706	.747	336.4, 26/7- 30/7 397. 5, 19W, All-Alum.	50	22	30-1/2	Black	Green
<b>3/4" R. Groove (See Note 2)</b>								
LTC-0123	.748	.795	397.5, 24/7, 26/7 397. 5, 19W, Alum. Alloy 477, 19W, 37W, All-Alum.	50	20	33	Black	Orange
LTC-0124	.796	.846	477, 18/1, 36/1 500, 19W, All-Alum.	50	21	37	Black	Purple
LTC-0125	.847	.900	556.5, 18/1, 36/1 556.5, 19W, 37W All-Alum.	50	21	39	Black	Blue
LTC-0126	.901	.958	636, 18/1, 36/1 636, 37W All-Alum. 556.5M, 19W Alum. Alloy	50	22	41	Black	Green
LTC-0127	.959	1.018	666.6, 24/7, 54/7 750, 37W All-Alum. 636, 37 Alum. Alloy	50	23	43	Black	White
<b>13/16" R. Groove (See Note 2)</b>								
LTC-0128	1.019	1.083	795, 36/1, 45/7 795, 37W Alum. Alloy	50	24	45	Black	Brown
<b>7/8" or 1" R. Groove (See Note 2)</b>								
LTC-0129	1.084	1.151	954, 36/1 954, 37W All-Alum. 795, 37W Alum. Alloy	50	25	47	Black	Orange
LTC-0130	1.152	1.223	954, 45/7, 54/7 1033.5, 37W All-Alum. 954, 37W Alum. Alloy	50	27	49	Black	Purple
LTC-0131	1.224	1.240		50	29	59	Black	Black

Right-hand lay standard

**EXPLANATORY NOTES:**

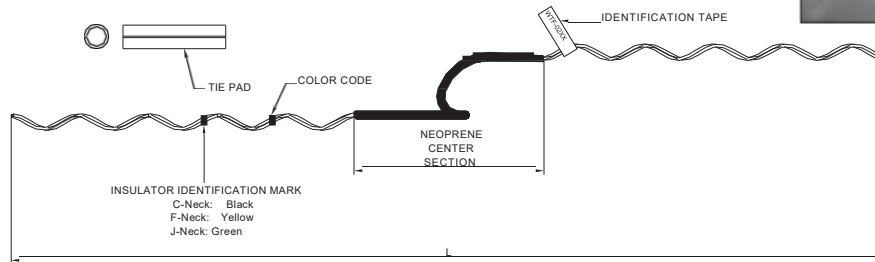
- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding conductors ranges, the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

# LONGSPAN TIES

For use on:

 ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC® Compacted All-Aluminum  
 F-Neck Interchangeable Headstyle Insulators

ANSI 55-4 Pin	ANSI 55-5 Pin	2-7/8" Neck Diameter
ANSI 57-1 Post	ANSI 57-2 Post	
ANSI 57-3 Post		



Catalog Number	Diameter Range (inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R Groove (See Note 2)</b>								
LTF-0200	.248	.259	#4, 6/1- 7/ 1 – # 4, 7W, Alum. Alloy	100	24	20-3/4	Yellow	Orange
LTF-0201	.260	.269	#4, AWAC, 5/2 – #3, 7W, All-Alum. – #2, 7W, Comp.	100	24	20-3/4	Yellow	Green
LTF-0202	.270	.280	#3, 7W, Alum. Alloy – #3, AWAC, 6/1	100	24	20-3/4	Yellow	Yellow
LTF-0203	.281	.291	#4, AWAC, 4/3 – #3, 6/1 – #2, 6/1, Comp.	100	26	21-3/4	Yellow	White
LTF-0204	.292	.303	#3, AWAC, 5/2 – #3, 7W, All-Alum. – #2, 7/1, Comp.	100	26	21-3/4	Yellow	Purple
LTF-0205	.304	.314	#4, AWAC, 3/4 – #2, AWAC, 6/1	100	27	22-3/4	Yellow	Brown
LTF-0206	.315	.327	#2, 6/1- 7/ 1 – #2, 7W, Alum. Alloy	100	27	22-3/4	Yellow	Red
LTF-0207	.328	.340	#2, AWAC, 5/2 – #1, 7W, All-Alum. 1/0, 7W, Comp.	100	27	23-3/4	Yellow	Blue
LTF-0208	.341	.353	#3, AWAC, 3/4 – #1, 7W, Alum. Alloy	100	27	23-3/4	Yellow	Orange
LTF-0209	.354	.367	#2, AWAC, 4/3 – #1, 6/1 1/0, 6/1, Comp.	100	28	24-3/4	Yellow	Green
LTF-0210	.368	.381	1/0, 7W, All-Alum. – 2/0, 7W, Comp.	100	29	21-1/2	Yellow	Black
LTF-0211	.382	.394	#2, AWAC, 3/4 – 1/0, AWAC, 6/1	100	29	22-1/2	Yellow	White
LTF-0212	.395	.411	1/0, 6/1 1/0, 7W, Alum. Alloy	100	29	22-1/2	Yellow	Yellow
LTF-0213	.412	.437	2/0, 7W-19W, All-Alum. 3/0, – 7W-19W, Comp.	100	30	23-1/2	Yellow	Brown
LTF-0214	.438	.463	2/0, 6/1- 7/ 1 2/ 0, – 7W, Alum. Alloy	100	31	24-1/2	Yellow	Blue
LTF-0215	.464	.492	3/0, 7W-19W, All-Alum. 4/0, – 7W-19W, Comp.	50	20	25-1/2	Yellow	Green
LTF-0216	.493	.522	3/0, 6/1 3/0, 7W, Alum. Alloy 4/0, – 7W, All-Alum.	50	20	25-1/2	Yellow	Orange
LTF-0217	.523	.554	3/0, AWAC, 5/2 4/0, 18/1 4/0, 19W, All-Alum. 266.8, 7W-19W, Comp.	50	20	25-1/2	Yellow	Black
LTF-0218	.555	.594	4/0, 6/1 4/0, 7W, Alum. Alloy 266.8, 7W-19W, All-Alum.	50	20	26-1/2	Yellow	Red
LTF-0219	.595	.630	266.8, 18/1 300, – 19W-37W, All-Alum.	50	22	28	Yellow	Purple
<b>5/8", R. Groove (See Note 2)</b>								
LTF-0220	.631	.664	266.8, 26/7 266.8, 19W, Alum. Alloy	50	22	29	Yellow	Yellow
LTF-0221	.665	.705	336.4, 18/1- 36/1 336.4, 19W, All-Alum. 350, 19W-37W, All-Alum.	50	22	29	Yellow	Brown
LTF-0222	.706	.747	336.4, 26/7- 30/7 397. 5, 19W, All-Alum.	50	23	30	Yellow	Green
<b>3/4" R. Groove (See Note 2)</b>								
LTF-0223	.748	.795	397.5, 24/7- 26/7 397. 5, 19W, Alum. Alloy 477, 19W-37W, All-Alum.	50	24	32-1/2	Yellow	Orange

(Continued on next page)

 Right-hand lay standard  
 EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding conductors ranges, the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

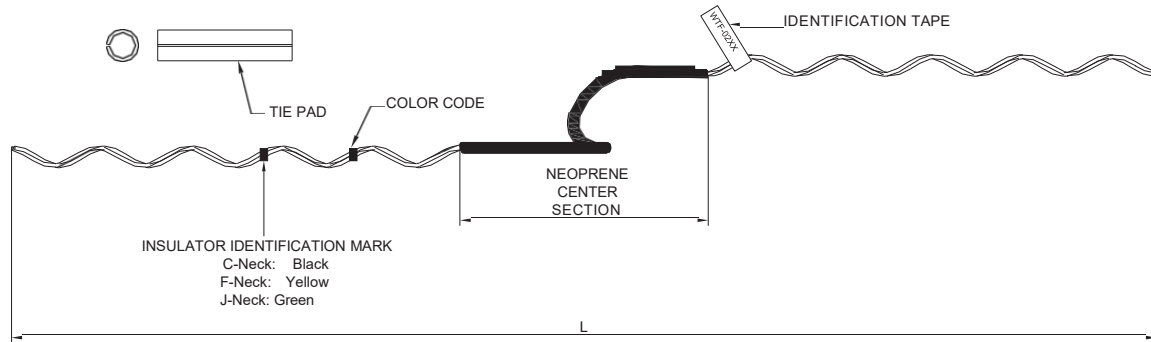


# LONGSPAN TIES

For use on:

ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC® Compacted All-Aluminum F-Neck Interchangeable Headstyle Insulators

ANSI 55-4 Pin	ANSI 55-5 Pin	2-7/8" Neck Diameter
ANSI 57-1 Post	ANSI 57-2 Post	
ANSI 57-3 Post		



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
LTF-0224	.796	.846	477, 18/1, 36/1 500, 19W, All-Alum.	50	20	37	Yellow	Purple
LTF-0225	.847	.900	556.5, 18/1, 36/1 556.5, 19W, 37W All-Alum	50	21	39	Yellow	Blue
LTF-0226	.901	.958	636, 18/1, 36/1 636, 37W All-Alum. 556.5, 19W Alum. Alloy	50	22	41	Yellow	Green
LTF-0227	.959	1.018	666.6, 24/7, 54/7 750, 37W, All-Alum. 636, 37W, Alum. Alloy	50	22	43	Yellow	White
13/16" R. Groove (See Note 2)								
LTF-0228	1.019	1.083	795, 36/1, 45/7 795, 37W, All-Alum.	50	23	45	Yellow	Brown
7/8" R. or 1" R. Groove (See Note 2)								
LTF-0229	1.084	1.151	954, 36/1 954, 37W, All-Alum. 795, 37W, Alum. Alloy	50	24	47	Yellow	Orange
LTF-0230	1.152	1.223	954, 45/7, 54/7 1033.5, 37W, All-Alum. 954, 37W, Alum. Alloy	50	25	49	Yellow	Purple
LTF-0231	1.224	1.240		50	29	59	Yellow	Black

Right-hand lay standard

EXPLANATORY NOTES:

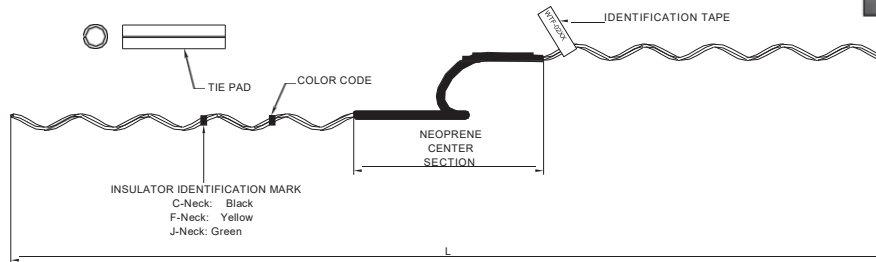
- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding conductors ranges, the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

# LONGSPAN TIES

For use on:

 ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC® Compacted All-Aluminum  
 J-Neck Interchangeable Headstyle Insulators

ANSI 55-6	Single Skirt Pin	
ANSI 55-7	Single Skirt Pin	3-1/2" Neck Diameter
ANSI 56-1	Double Skirt Pin	



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
9/16" R Groove (See Note 2)								
LTJ-0400	.248	.259	#4, 6/1- 7/ 1 – # 4, 7W, Alum. Alloy	100	29	21	Green	Orange
LTJ-0401	.260	.269	#4, AWAC, 5/2 – #3, 7W, All-Alum. – #2, 7W, Comp.	100	29	21	Green	Green
LTJ-0402	.270	.280	#3, 7W, Alum. Alloy – #3, AWAC, 6/1	100	29	21	Green	Yellow
LTJ-0403	.281	.291	#4, AWAC, 4/3 – #3, 6/1 – #2, 6/1Comp.	100	32	21	Green	White
LTJ-0404	.292	.303	#3, AWAC, 5/2 – #2, 7W, All-Alum. – #2, 7/1, Comp.	100	32	22	Green	Purple
LTJ-0405	.304	.314	#4, AWAC, 3/4 – #2, AWAC, 6/1	100	33	22	Green	Brown
LTJ-0406	.315	.327	#2, 6/1- 7/ 1 – #2, 7W, Alum. Alloy	100	33	23	Green	Red
LTJ-0407	.328	.340	#2, AWAC, 5/2 – #1, 7W, All-Alum. 1/0, 7W, Comp.	100	33	23	Green	Blue
LTJ-0408	.341	.353	#3, AWAC, 3/4 – #1, 7W, Alum. Alloy	100	33	24	Green	Orange
LTJ-0409	.354	.367	#2, AWAC, 4/3 – #1, 6/1 1/0, 6/1, Comp.	100	33	24	Green	Green
LTJ-0410	.368	.381	1/0, 7W, All-Alum. 2/0, 7W, Comp.	100	33	25	Green	Black
LTJ-0411	.382	.394	#2, AWAC, 3/4 1/0, AWAC, 6/1	100	34	23	Green	White
LTJ-0412	.395	.411	1/0, 6/1 1/0, 7W, Alum. Alloy	100	34	24	Green	Yellow
LTJ-0413	.412	.437	2/0, 7W-19W, All-Alum. 3/0, 7W-19W, Comp.	100	35	25	Green	Brown
LTJ-0414	.438	.463	2/0, 6/1- 7/ 1 2/ 0, 7W, Alum. Alloy	100	35	26	Green	Blue
LTJ-0415	.464	.492	3/0, 7W-19W, All-Alum. 4/0, 7W-19W, Comp.	50	21	28	Green	Green
LTJ-0416	.493	.522	3/0, 6/1 3/0, 7W, Alum. Alloy 4/0, 7W, All-Alum.	50	21	28	Green	Orange
LTJ-0417	.523	.554	3/0, AWAC, 5/2 4/0, 18/1 4/0, 19W, All-Alum. 266.8, 7W-19W, Comp.	50	21	28	Green	Black
LTJ-0418	.555	.594	4/0, 6/1 4/0, 7W, Alum. Alloy 266.8, 7W-19W, All-Alum.	50	22	29	Green	Red
LTJ-0419	.595	.630	266.8, 18/1 300, 19W-37W, All-Alum.	50	24	30	Green	Purple
5/8" R Groove (See Note 2)								
LTJ-0420	.631	.664	266.8, 26/7 266.8, 19W, Alum. Alloy	50	24	31	Green	Yellow
LTJ-0421	.665"	.705"	336.4, 18/1- 36/1 336.4, 19W, All-Alum. 350, 19W-37W, All-Alum.	50	24	31	Green	Brown
LTJ-0422	.706"	.747"	336.4, 26/7- 30/7 397. 5, 19W, All-Alum.	50	25	32	Green	Green
3/4" R Groove (See Note 2)								
LTJ-0423	.748"	.795"	397.5,24/7- 26/7 397. 5, 19W, Alum. Alloy 477M, 19W-37W, All-Alum.	50	26	34	Green	Orange
LTJ-0424	.796	.846	477, 18/1, 36/1 500, 19W, All-Alum.	50	32	39-1/2	Green	Purple
LTJ-0425	.847	.900	556.5, 18/6, 36/1 556.5, 19W, 37W, All-Alum.	50	33	41	Green	Blue
LTJ-0426	.901	.958	636, 18/1, 36/1 636,37W, All-Alum. 556.5, 19W, Alum. Alloy	25	18	43	Green	Green
LTJ-0427	.959	1.018	666.6, 24/7, 54/7 750, 37W, All-Alum. 636, 37W, Alum. Alloy	50	35	45	Green	White
13/16" R Groove (See Note 2)								
LTJ-0428	1.019	1.083	795, 36/1, 45/7 795, 37W, All-Alum.	25	18	47	Green	Brown
7/8" or 1" Groove (See Note 2)								
LTJ-0429	1.084	1.151	954, 36/1 954, 37W, All-Alum. 795, 37W, Alum. Alloy	25	19	49	Green	Orange
LTJ-0430	1.152	1.223	954, 45/7, 54/7 1033.5, 37W, All-Alum.	25	19	51	Green	Purple
LTJ-0431	1.224	1.240		25	20	59-1/2	Green	Black

Right-hand lay standard

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding conductors ranges, the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.



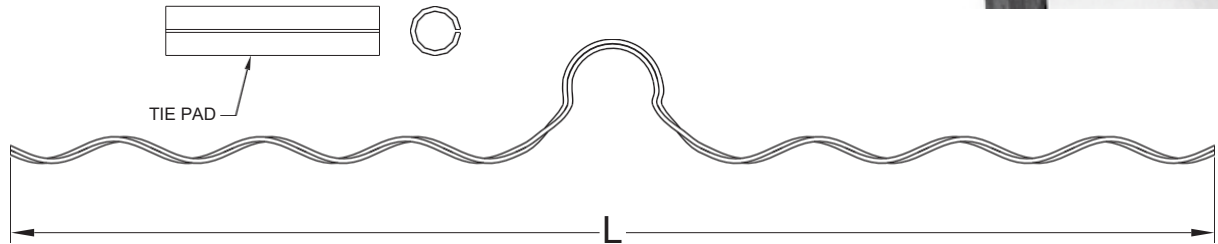


# QUICK WRAP SIDE TIES

For use on:

ACAR, ACSR, All-Aluminum, AWAC® Compacted ACSR, Aluminum Alloy  
C-Neck Interchangeable Headstyle Insulators

ANSI 55-2 PIN      2-1/4" Neck Diameter  
ANSI 55-3 PIN



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Approx. Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
<b>9/16" R. GROOVE (See Note 2)</b>								
EZSTC6	.190	.215	#6, 6/1 #4, 7W Comp.	100	16	21	Black	Blue
EZSTC4A	.216	.244	#4, 7W, All Alum. #4, 6/1, 7/1 Comp.	100	17	22	Black	Brown
EZSTC4	.245	.277	#4, 6/1 7/1 #4, 7W, Alum. Alloy	100	18	23	Black	Orange
EZSTC3	.278	.315	#3, 7W, Alum. Alloy #2, 7W, All Alum.	100	18	24	Black	Purple
EZSTC2	.316	.357	#2, 6/1 - 7/1 #2, 7W, Alum. Alloy #1, 6/1	100	19	25	Black	Red
EZSTC10	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W, Alum. Alloy	100	21	23	Black	Yellow
EZSTC20	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	100	22	25	Black	Blue
EZSTC30	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W, Alum. Alloy	100	24	27	Black	Orange
EZSTC40	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0 7W, Alum Alloy	100	30	28	Black	Red
EZSTC266	.589	.665	266.8, 37W All Alum. 266.8, 18/1 336.4, 19W All Alum.	100	34	31	Black	Purple
EZSTC336	.666	.755	336.4, 37W All Alum. 336.4, 18/1 397.5, 19W All Alum. 400, 19W, 37W All Alum.	100	35	33	Black	Brown
EZSTC477	.756	.858	477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	29	35	Black	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
EZSTC556	.859	.968	556.5, 26/7, 636, 18/1 700, 37W, 61W, All Alum.	50	35	36	Black	Blue
<b>11/16" R. GROOVE (See Note 2)</b>								
EZSTC795	.969	1.096	795, 37W, 61W, All Alum. 715.5, 24/7 795, 54/7	50	38	38	Black	Green
<b>3/4" R. GROOVE (See Note 2)</b>								
EZSTC954	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, All Alum.	50	38	39	Black	Yellow

Right-hand lay standard  
EXPLANATORY NOTES:

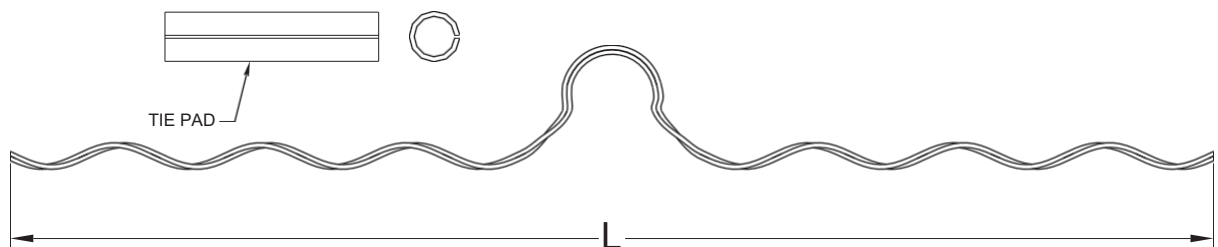
- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

# QUICK WRAP SIDE TIES

For use on:

 ACAR, ACSR, All-Aluminum, AWAC® Compacted ASCR, Aluminum Alloy  
 F-Neck Interchangeable Headstyle Insulators

ANSI 53-4 Spool	ANSI 53-5 Spool	2-7/8" Neck Diameter
ANSI 55-4 Pin	ANSI 55-5 Pin	
ANSI 57-1 Post	ANSI 57-2 Post	
ANSI 57-3 Post		



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R. GROOVE (See Note 2)</b>								
EZSTF6	.190	.215	#6, 6/1 – #4, 7W Comp.	100	16	21	Yellow	Blue
EZSTF4A	.216	.244	#4, 7W All Alum. – #4, 6/1, 7/1 Comp.	100	17	22	Yellow	Brown
EZSTF4	.245	.277	#4, 6/1, 7/1 – #4, 7W Alum. Alloy	100	18	23	Yellow	Orange
EZSTF3	.278	.315	#3, 7W Alum. Alloy – #2, 7W All Alum.	100	18	24	Yellow	Purple
EZSTF2	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy #1, 6/1	100	19	25	Yellow	Red
EZSTF10	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	100	21	23	Yellow	Yellow
EZSTF20	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	100	22	25	Yellow	Blue
EZSTF30	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	100	24	27	Yellow	Orange
EZSTF40	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	100	30	28	Yellow	Red
EZSTF266	.589	.665	266.8, 37W All Alum. 266.8, 18/1 336.4, 19W All Alum.	100	34	31	Yellow	Purple
EZSTF336	.666	.755	336.4, 37W All Alum. 336.4, 18/1 397.5, 19W All Alum. 400, 19W, 37W All Alum.	100	34	34	Yellow	Brown
EZSTF477	.756	.858	477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	54	36	Yellow	Red
<b>5/8" R. GROOVE (See Note 2)</b>								
EZSTF556	.859	.968	556.5, 26/7, 636, 18/1 700, 37W, 61W, All Alum.	50	36	37	Yellow	Blue
<b>11/16" R. GROOVE (See Note 2)</b>								
EZSTF795	.969	1.096	795, 37W, 61W, All Alum. 715.5, 24/7 795, 54/7	50	39	39	Yellow	Green
<b>3/4" R. GROOVE (See Note 2)</b>								
EZSTF954	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W, All Alum.	50	40	40	Yellow	Yellow

Right-hand lay standard

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.



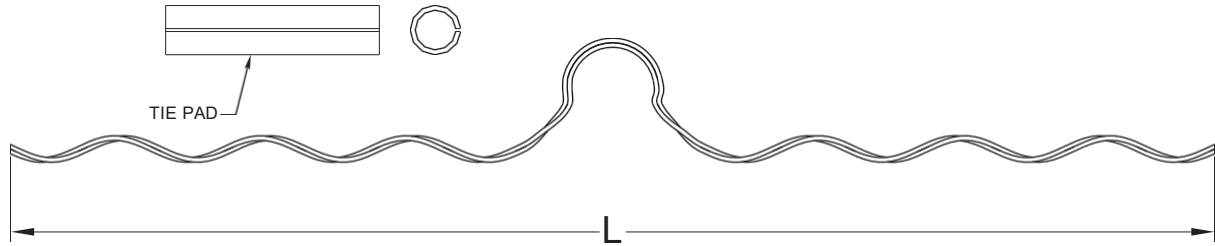


# QUICK WRAP SIDE TIES

For use on:

ACSR, ACAR, All-Aluminum, AWAC®, Compacted ACSR, Aluminum Alloy  
J-Neck Interchangeable Headstyle Insulators

ANSI 55-6      Single Skirt Pin  
ANSI 55-7      Single Skirt Pin      3-1/2"  
ANSI 56-1      Double Skirt Pin      Neck Diameter



Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
9/16" R. GROOVE (See Note 2)								
EZSTJ6	.190	.215	#6, 6/1	100	18	24	Green	Blue
EZSTJ4A	.216	.244	#4, 7W, All Alum.	100	19	25	Green	Brown
EZSTJ4	.245	.277	#4, 6/1 - 7/1 #3, 7W, All Alum.	100	19	26	Green	Orange
EZSTJ3	.278	.315	#3, 7W, Alum. Alloy #2, 7W, All Alum.	100	20	27	Green	Purple
EZSTJ2	.316	.357	#2, 6/1 - 7/1 #2, 7W, Alum. Alloy #1, 6/1	100	21	28	Green	Red
EZSTJ10	.358	.405	1/0, 7W-19W All Alum. 1/0, 6/1 1/0, 7W, Alum. Alloy	100	23	26	Green	Yellow
EZSTJ20	.406	.459	2/0, 7W-19W, All Alum. 2/0, 6/1	100	25	28	Green	Blue
EZSTJ30	.460	.520	3/0, 7W-19W, All Alum. 3/0, 6/1 3/0, 7W, Alum. Alloy	100	26	30	Green	Orange
EZSTJ40	.521	.588	4/0, 6/1 4/0, 7W, All Alum. 4/0, 7W, Alum Alloy 250, 19W-37W All Alum.	100	35	31	Green	Red
EZSTJ266	.589	.665	266.8, 19W-37W All Alum. 300, 19W37W, All Alum. 266.8, 26/7	100	38	34	Green	Purple
5/8" R. GROOVE (See Note 2)								
EZSTJ336	.666	.755	336.4, 37W, All Alum. 397. 5, 19W-37W, All Alum.	50	40	36	Green	Brown
EZSTJ477	.756	.858	397.5, 24/7, 26/7 477, 19W, 37W, All Alum. 477, 18/1, 24/7, 26/7	50	31	38	Green	Red
EZSTJ556	.859	.968	556.5, 61W All Alum. 556.5, 26/7 636, 18/1	50	38	39	Green	Blue
EZSTJ795	.969	1.096	636, 24/7, 26/7, 30/19 715.5, 36/1, 24/7, 26/7	50	40	41	Green	Green
EZSTJ954	1.097	1.240	954, 54/7 1033.5, 45/7 1113, 61W All Alum. 954, 37W Alum. Alloy	50	43	42	Green	Yellow

Right-hand lay standard

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding ranges, the insulator's side groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

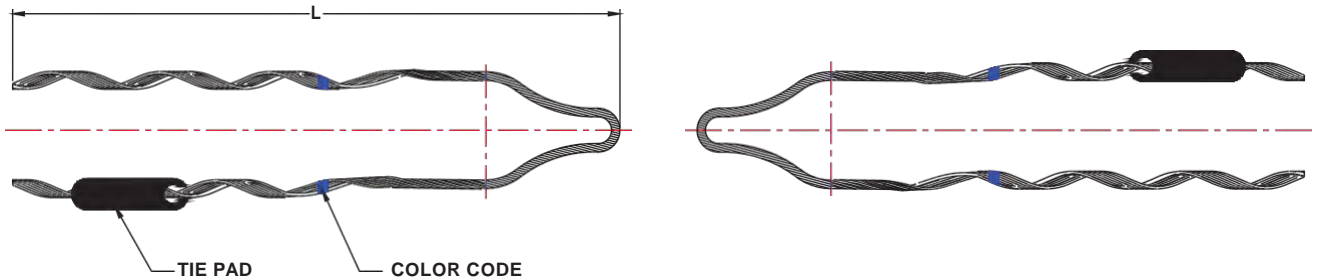


# DOUBLE SUPPORT TIES

For use on:

ACSR, All-Aluminum, AWAC®, Aluminum Alloy, Compacted All-Aluminum  
Compacted ACSR C-Neck & F-Neck Interchangeable Headstyle Insulators

ANSI 55-2 Pin    ANSI 55-3 Pin  
 ANSI 55-4 Pin    ANSI 55-5 Pin            2-1/4" & 2-7/8"  
 ANSI 57-1 Post    ANSI 57-2 Post            Neck Diameters  
 ANSI 57-3 Post



Catalog Number C & F Neck	Diameter Range (Inches)		Nominal Conductor Size	Units Per Carton	Wt./Lbs.	Approx. Applied Length- Each Tie (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R. GROOVE (See Note 4)</b>								
DST4CF	.245	.277	#4, 6/1, 7/1 #4, 7W Alum. Alloy	50	11	13	Black/Yellow	Orange
DST3CF	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	50	11	13	Black/Yellow	Purple
DST2CF	.316	.357	#2, 6/1, 7/1 #2, 7W Alum. Alloy #1, 6/1	50	15	14	Black/Yellow	Red
DST10CF	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	50	16	14	Black/Yellow	Yellow
DST20CF	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	16	15	Black/Yellow	Blue
DST30CF	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	23	16	Black/Yellow	Orange
DST40CF	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	23	17	Black/Yellow	Red
DST266CF	.589	.665	266.8, 37W All Alum. 266.8, 18/1 336.4, 19W All Alum.	50	26	17	Black/Yellow	Purple
<b>9/16" R. GROOVE (See Note 4)</b>								
DST336CF	.666	.755	336.4, 18/1, 26/7 397. 5, 19W, All Alum. 400, 19W, 37W All Alum.	50	28	18	Black/Yellow	Brown
DST477CF	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	25	21	20	Black/Yellow	Red
<b>5/8" R. GROOVE (See Note 4)</b>								
DST556CF	.859	.968	556.5, 26/7 636, 18/1	25	26	21	Black/Yellow	Blue
<b>3/4" R. GROOVE (See Note 4)</b>								
DST795CF	.969	1.096	795, 37W, 61W All Alum. 715.5, 24/7 795, 54/7	25	28	22	Black/Yellow	Green
DST954CF	1.097	1.240	954, 54/7, 36/1 1033.5, 45/7 795, 26/7 954, 37W All Alum.	25	28	23	Black/Yellow	Yellow

Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Diameter Range indicates the size of conductors that utilize the same tie.
- (2) "Nominal Conductor Size" indicates one of various conductors within each range.
- (3) The loop of the Double Support Ties on this page can accommodate either C or F neck insulators.
- (4) For the succeeding ranges, the insulator's top groove radius should be at least as large as shown above.
- (5) AWAC is a registered trademark of the Copperweld Co.



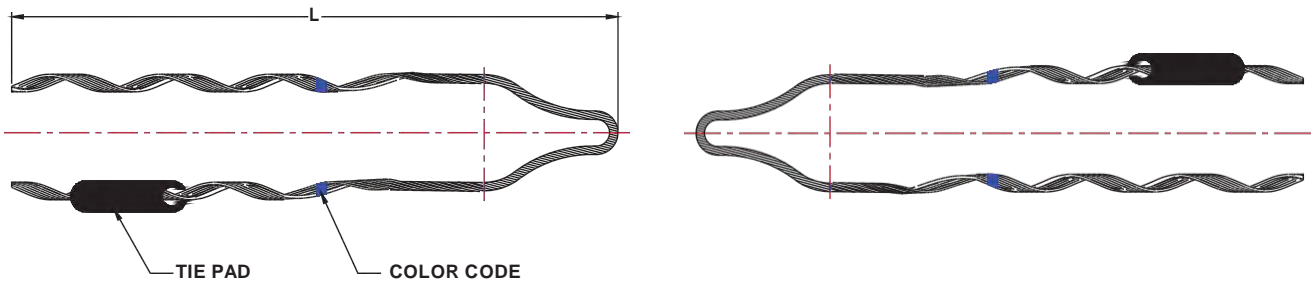
# DOUBLE SUPPORT TIES

For use on:

ACSR, All-Aluminum, AWAC®, Aluminum Alloy, Compacted All-Aluminum  
Compacted ACSR J-Neck Interchangeable Headstyle Insulators

ANSI 55-6 Single Skirt Pin  
ANSI 55-7 Single Skirt Pin  
ANSI 56-1 Double Skirt Pin

3-1/2"  
Neck Diameters



Catalog Number J Neck	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Approx. Applied Length-Each Tie (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
<b>9/16" R. GROOVE (See Note 4)</b>								
DST4J	.245	.277	#4, 6/1, 7/1 – #4, 7W Alum. Alloy	50	12	14	Green	Orange
DST3J	.278	.315	#3, 7W Alum. Alloy – #2, 7W All Alum.	50	12	14	Green	Purple
DST2J	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy – #1, 6/1	50	16	15	Green	Red
DST10J	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	50	17	15	Green	Yellow
DST20J	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	17	16	Green	Blue
DST30J	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	25	16	Green	Orange
DST40J	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	25	18	Green	Red
DST266J	.589	.665	266.8, 37W All Alum. 266.8, 18/1 336.4, 19W All Alum.	50	30	18	Green	Purple
<b>9/16" R. GROOVE (See Note 4)</b>								
DST336J	.666	.755	336.4, 18/1, 26/7 397.5, 19W, All Alum. 400, 19W, 37W All Alum.	50	30	19	Green	Brown
DST477J	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	33	21	Green	Red
<b>5/8" R. GROOVE (See Note 4)</b>								
DST556J	.859	.968	556.5, 26/7 636, 18/1	25	26	22	Green	Blue
<b>3/4" R. GROOVE (See Note 4)</b>								
DST795J	.969	1.096	795, 37W, 61W All Alum. 715.5, 24/7 795, 54/7	25	28	23	Green	Green
DST954J	1.097	1.240	954, 54/7, 36/1 1033.5, 45/7 795, 26/7 954, 37W All Alum.	25	28	24	Green	Yellow

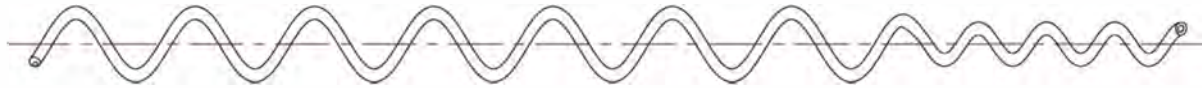
Right-hand lay standard

**EXPLANATORY NOTES:**

- (1) Diameter Range indicates the size of conductors that utilize the same tie.
- (2) "Nominal Conductor Size" indicates one of various conductors within each range.
- (3) The loop of the Double Support Ties on this page can accommodate J-neck insulators.
- (4) For the succeeding ranges, the insulator's top groove radius should be at least as large as shown above.
- (5) AWAC is a registered trademark of the Copperweld Co.



# SPIRAL VIBRATION DAMPERS



For use on:  
Bare Conductors, Shield Wires  
OPGW

SPAN LENGTH	800'	801'-1600'	1601'-2400'
STANDARD	2	4	6

CATALOG NUMBER	DIA RANGE (INCHES)		UNITS	WT./LBS.	LENGTH (INCHES)
	MIN.	MAX.			
SVD64	.174	.249	50	29	46
SVD42	.250	.326	50	31	49
SVD42H	.250	.326	50	55	87
SVD10	.327	.461	50	34	51
SVD10H	.327	.461	50	60	91
SVD3040	.462	.563	50	36	53
SVD3040H	.462	.563	50	65	94
SVD336397	.564	.760	25	50	65
SVD336397	.564	.760	15	55	97

EXPLANATORY NOTES:

(1) Nominal Conductor size indicates one of various conductors within each range