

MATERIALS

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NOTE: The section gives information on common materials used in the design, construction and maintenance of JEA's transmission system. Material lists provided in each subsection do not necessarily represent all available products. Contact Standards for specialty applications. Material descriptions and drawings focus only on critical design features and measurements and may differ slightly from an individual manufacturer's product and drawings. Contact Standards for manufacturer's drawings when additional detail is necessary.

ITEM LIST

ABBREVIATIONS:

B.H.S. = BOLT HOLE SPACING
GALV. = GALVANIZED
H.D.G. = HOT DIPPED GALVANIZED
HDWH. = HARDWARE
S.S. = STAINLESS STEEL

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
1	1-1	ADCTB 001	COMPOUND, CPR NON-SAGGING EPOXY GEL FOR REPAIRING DAMAGED CONCRETE POLES, 8 EACH PER CASE, ISSUED BY THE EACH, ONE EACH = ONE KIT (COMPOSED OF TWO TUBES).	74D	1B19Q03
1	1-1	ADCVF 001	VOID FILLER COMPOUND FOR DEADEND ASSEMBLIES, 1 LB TUBE	94D	1B10001
2	1-2	ADCVF 002	COMPOUND, VOID FILLER, HIGH TEMPERATURE (250C), 1 LB TUBE, FOR ACSS TRANSMISSION DEADEND BODIES AND COMPRESSION FITTINGS.		
3	2-1	ADPCT001	CLAMP-TOP ADAPTER, CONVERT 2-HOLE BLADE TO CLAMP-TOP POST TO BE USED WITH 69KV, 138KV, AND 230KV SYNTHETIC POST INSULATORS	70D	1B14N01
93		ADPPI 001	HORIZONTAL LINE POST ADAPTOR PLATE TO PREVENT CONDUCTOR FROM CONTACTING INSULATOR SHEDS.	43D	1B14N03
4	3-1	ADPSI 001	ADAPTER, INSULATOR STRUT, COLD END HORIZONTAL-VEE	52D	1B14N02
5	3-2	ADPSI 002	ADAPTER, INSULATOR STRUT, HOT END HORIZONTAL-VEE	52D	1B14N02
6	4-1	ANCEX 001	EXTENSION, ANCHOR, GALVANIZED, 1-1/4" ROUND SHAFT SIZE X 6' LENGTH, SCREW TYPE TRIPLE-EYE INCLUDED	108D	1Y03
7	4-2	ANCEX 002	42" ANCHOR EXTENSION, H.D.G., 1-1/2" SQ SHAFT, FURNISHED WITH HIGH STRENGTH BOLT	76D	1Y03
8	4-3	ANCEX 003	60" ANCHOR EXTENSION, H.D.G., 1-1/2" SQ SHAFT, FURNISHED WITH HIGH STRENGTH BOLT	63D	1Y03
9	4-4	ANCEX 005	EXTENSION, ANCHOR, 22200, 58" X 2.00" SQUARE SHAFT	60D	1Y03
10	5-1	ANCMS 002	5 FT. MULTI-HELIX (10", 11.3") SCREW ANCHOR, 1-1/2" SQUARE SHAFT, WITH TRIPLEYE AND COUPLING ASSEMBLY ATTACHED, H.D.G.	46D	1Y03
11	5-2	ANCMS 003	7.5 FT. MULTI-HELIX (10", 11.3", 13.5") SCREW ANCHOR, 1-1/2" SQUARE SHAFT, WITH TRIPLEYE AND COUPLING ASSEMBLY ATTACHED, H.D.G.	60D	1Y03
12	5-3	ANCMS 005	ANCHOR, 2" SQUARE SHAFT, 15,000# TORQUE, 6" X 8" X 10"	60D	1Y03
13	6-1	ARMST 012	ARM, STEEL SHIELD, GAIN BASE 14" B.H.S., SUPPLIED WITH 5/8 GROUNDING HOLE IN LINE END BRACKET	76D	2Y01
14	7-1	BALFI 001	BALL FITTING, TYPE CLEVIS, 30000# UTM STRENGTH, NEMA HDWH 52-3, GALV.	50D	1B14N04
15	7-2	BALFI 003	BALL FITTING, TYPE CLEVIS, 45000# UTM STRENGTH, NEMA HDWH 52-8, GALV.	150D	1B14N05
16	7-3	BALFI 004	BALL FITTING, HOOK TYPE, 30000# UTM STRENGTH, NEMA HDWH 52-3, GALV.	150D	1B14001
17	7-4	BALFI 005	BALL FITTING, OVAL EYE TYPE, 30000# UTM STRENGTH, NEMA HDWH 52-3, GALV.	24D	1B14001
18	7-5	BALFI 007	BALL FITTING, TYPE Y-CLEVIS, 30000# UTM STRENGTH, NEMA HDWH 52-3, GALV.	48D	1B14002
19	7-6	BALFI 008	BALL FITTING, Y-CLEVIS TYPE, 45000# UTM STRENGTH, NEMA HDWH 52-8, GALV.	100D	1B14003
19	8-1	BASFS 001	BASE, FAIL-SAFE, 69 KV CLASS, 12" BOLT SPACING		INACTIVE
20	9-1	BAYSW 002	BAYONET, SHIELD WIRE, CORNER, 84" LENGTH 2" X 2" X 3/16" ANGLE, 20" HOLE SPACING	180D	1Y03
21	9-2	BAYSW 003	BAYONET, SHIELD WIRE, CORNER, 40" LENGTH	59D	1Y03
22	9-3	BAYSW 004	BAYONET FOR SHIELD WIRE, STRAIGHT 40"	53D	1Y03
23	9-4	BAYSW 005	BAYONET, SHIELD WIRE, STRAIGHT 84" LENGTH		INACTIVE
23	10-1	BKTLP 001	BRACKET, 46-DEGREE ANGLE, 6" HOLE SPACING, 1 1/16" HOLE DIAMETER, 5/8" THICK	116 D	1P20V05
24	10-2	BKTLP 002	BRACKET, LINE POST INSULATOR SUPPORT 53 DEGREE ANGLE	66D	1P20V05
25	11-1	BOLDA 018	BOLT, 3/4" X 20", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	30D	1P09D03
26	11-2	BOLDA 019	BOLT, 3/4" X 22", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	57D	1P09D04
27	11-3	BOLDA 020	BOLT, 3/4" X 24", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	73D	1P09D04
28	11-4	BOLDA 021	BOLT, 3/4" X 26", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	44D	1P09D04
29	11-5	BOLDA 022	BOLT, 3/4" X 28", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	38D	1P09E01
30	11-6	BOLDA 023	BOLT, 3/4" X 30", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	55D	1P09E01
31	11-7	BOLDA 024	BOLT, 3/4" X 32", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	45D	1P09E02
32	11-8	BOLDA 025	BOLT, 3/4" X 34", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	87D	1P09E02
33	11-9	BOLDA 026	BOLT, 3/4" X 36", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	157D	1P09E03
34	11-10	BOLDA 027	BOLT, 3/4" X 38", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	150D	1P09E03
35	11-11	BOLDA 028	BOLT, 3/4" X 40", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	50D	1P09E04
36	11-12	BOLDA 029	BOLT, 3/4" X 42", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	54D	1P09E04
37	11-13	BOLDA 030	BOLT, 7/8" X 14", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	178D	1B14004
38	11-14	BOLDA 031	BOLT, 7/8" X 16", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	178D	1B14004



Overhead Transmission Standards

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
39	11-15	BOLDA 032	BOLT, 7/8" X 18", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	155D	1B14005
40	11-16	BOLDA 033	BOLT, 7/8" X 20", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	178D	1B14P01
41	11-17	BOLDA 034	BOLT, 7/8" X 22", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	120D	1P08F01
42	11-18	BOLDA 035	BOLT, 7/8" X 24", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	127D	1P09E03
43	11-19	BOLDA 036	BOLT, 7/8" X 30", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	121 D	1B14Q05
44	11-20	BOLDA 037	BOLT, 7/8" X 32", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	49D	1P20L01
45	11-21	BOLDA 038	DOUBLE ARMING BOLT, 7/8" X 34", GALVANIZED, W/ 4 SQUARE NUTS ATTACHED	65D	1P20L01
46	11-22	BOLDA 039	DOUBLE ARMING BOLT, 7/8" X 36", GALVANIZED, W/ 4 SQUARE NUTS ATTACHED	66D	1P20L02
47	11-23	BOLDA 040	DOUBLE ARMING BOLT, 7/8" X 38", GALVANIZED, W/ 4 SQUARE NUTS ATTACHED	65D	1P20L02
48	11-24	BOLDA 041	BOLT, 7/8" X 28", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	50D	1P20L03
49	11-25	BOLDA 042	BOLT, 7/8" X 26", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	48D	1P20L04
50	11-26	BOLDA 043	BOLT, 7/8" X 40", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	48D	1P20L05
51	11-27	BOLDA 044	BOLT, 7/8" X 42", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	62D	1P20L06
52	11-28	BOLDA 045	BOLT, 7/8" X 44", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	62D	1P20L07
53	11-29	BOLDA 046	BOLT, 7/8" X 46", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED	62D	1P20L07
54	12-1	BOLMS 001	MACHINE BOLT, 1/2" X 2", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	71D	1P09F03
55	12-2	BOLMS 015	BOLT, MACHINE, 5/8" X 2", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	73D	1P09F04
56	12-3	BOLMS 016	BOLT, MACHINE, 5/8" X 3", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	230D	1P09F04
57	12-4	BOLMS 017	BOLT, MACHINE, 5/8" X 8", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	50D	1P09F04
58	12-5	BOLMS 018	BOLT, MACHINE, 5/8" X 10", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	52D	1P10A01
59	12-6	BOLMS 019	BOLT, MACHINE, 5/8" X 12", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	42D	1P10A02
60	12-7	BOLMS 020	BOLT, MACHINE, 5/8" X 14", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	42D	1P09F05
61	12-8	BOLMS 021	BOLT, MACHINE, 5/8" X 16", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	48D	1P10A02
62	12-9	BOLMS 022	MACHINE BOLT, 5/8" X 18", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	49D	1P10A03
63	12-10	BOLMS 023	MACHINE BOLT, 5/8" X 20", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	33D	1P10A03
64	12-11	BOLMS 024	MACHINE BOLT, 5/8" X 22", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	24D	1P10B01
65	12-12	BOLMS 025	BOLT, MACHINE, 5/8" X 24", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	148D	1P10B01
66	12-13	BOLMS 026	BOLT, MACHINE, 5/8" X 26", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	52D	1P10B01
67	12-14	BOLMS 027	BOLT, MACHINE, 5/8" X 28", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	46D	1P10B02
68	12-15	BOLMS 028	BOLT, MACHINE, 5/8" X 30", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	57D	1P10B02
69	12-16	BOLMS 029	BOLT, MACHINE, 3/4" X 2", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	62D	1B09Q02
70	12-17	BOLMS 030	BOLT, MACHINE, 3/4" X 3", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	62D	1B09Q03
71	12-18	BOLMS 031	BOLT, MACHINE, 3/4" X 4", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	67D	1B09Q04
72	12-19	BOLMS 032	BOLT, MACHINE, 3/4" X 6", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	41D	1B09P05
73	12-20	BOLMS 033	BOLT, MACHINE, 3/4" X 8", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	49D	1B09P04
74	12-21	BOLMS 034	BOLT, MACHINE, 3/4" X 10", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	39D	1P10A04
75	12-22	BOLMS 035	BOLT, MACHINE, 3/4" X 12", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	52D	1P10B04
76	12-23	BOLMS 036	BOLT, MACHINE, 3/4" X 14", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	36D	1P10C04
77	12-24	BOLMS 037	MACHINE BOLT, 3/4" X 16", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	51D	1P10D04
78	12-25	BOLMS 038	MACHINE BOLT, 3/4" X 18", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	50D	1P10D04
79	12-26	BOLMS 039	MACHINE BOLT, 3/4" X 20", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	49D	1P10D01
80	12-27	BOLMS 040	BOLT, MACHINE, 3/4" X 22", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	60D	1P10A05
81	12-28	BOLMS 041	BOLT, MACHINE, 3/4" X 24", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	52D	1P10A05
82	12-29	BOLMS 042	BOLT, MACHINE, 3/4" X 26", SQUARE HEAD GALV. STEEL, W/SQUARE NUT ATTACHED	84D	1P02S01
83	12-30	BOLMS 043	BOLT, MACHINE, 3/4" X 28", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	100D	1P09F02
84	12-31	BOLMS 044	BOLT, MACHINE, 3/4" X 32", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	166D	1P09F02
85	12-32	BOLMS 045	BOLT, MACHINE, 7/8" X 3", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	150D	1B14P01
86	12-33	BOLMS 047	BOLT, MACHINE, 7/8" X 12" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	180D	1B14P02
87	12-34	BOLMS 048	BOLT, MACHINE, 7/8" X 14" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	180D	1B14P02
88	12-35	BOLMS 049	MACHINE BOLT, 7/8" X 16", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	104D	1B14P03
89	12-36	BOLMS 050	MACHINE BOLT, 7/8" X 18", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	160D	1P20M01
90	12-37	BOLMS 051	MACHINE BOLT, 7/8" X 20", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	87D	1P20M01
91	12-38	BOLMS 052	MACHINE BOLT, 7/8" X 22", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	34D	1P20M02
92	12-39	BOLMS 053	MACHINE BOLT, 7/8" X 24", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	109D	1P20M02
93	12-40	BOLMS 054	MACHINE BOLT, 7/8" X 26", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	125D	1P20M03
94	12-41	BOLMS 055	MACHINE BOLT, 7/8" X 28", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	126D	1P20M03
95	12-42	BOLMS 057	BOLT, MACHINE, 1" X 12", SQUARE HEAD, GALVANIZED STEEL, W/SQUARE NUT ATTACHED	52D	1B14P04
96	12-43	BOLMS 058	BOLT, MACHINE, 1" X 14", SQUARE HEAD, GALVANIZED STEEL, W/SQUARE NUT ATTACHED	52D	1B14P04
97	12-44	BOLMS 059	BOLT, MACHINE, 1" X 16", SQUARE HEAD, GALVANIZED STEEL, W/SQUARE NUT ATTACHED	50D	1B14P04
98	12-45	BOLMS 060	BOLT, MACHINE, 1" X 18", SQUARE HEAD, GALVANIZED STEEL, W/SQUARE NUT ATTACHED	48D	1B14P05
99	12-46	BOLMS 061	MACHINE BOLT, 1" X 20", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	47D	1B14P05
100	12-47	BOLMS 062	MACHINE BOLT, 1" X 22", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	51D	1B14Q01

REVISED/REVIEWED: OCTOBER 2013

REVISED/REVIEWED BY: MLR

APPROVED BY: KKR

MATERIALS



Overhead Transmission Standards

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
101	12-48	BOLMS 063	MACHINE BOLT, 1" X 24", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	52D	1P20M04
102	12-49	BOLMS 064	MACHINE BOLT, 1" X 26", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	62D	1P20M04
103	12-50	BOLMS 065	MACHINE BOLT, 1" X 34", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	85D	1P20M05
104	12-51	BOLMS 070	MACHINE BOLT, 1" X 28", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	46D	1P20M05
105	12-52	BOLMS 071	MACHINE BOLT, 1" X 30", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	42D	1P20N01
106	12-53	BOLMS 072	BOLT, MACHINE, 1" X 32", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	74D	1P20N01
107	12-54	BOLMS 073	MACHINE BOLT, 7/8" X 30", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	42D	1P20N02
108	12-55	BOLMS 074	MACHINE BOLT, 7/8" X 32", SQUARE HEAD, GALVANIZED, W/SQUARE NUT ATTACHED	74D	1B14Q02
109	12-56	BOLMS 075	BOLT, MACHINE, 7/8" X 36", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	74D	1P20N02
110	12-57	BOLMS 076	BOLT, MACHINE, 7/8" X 38", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED	62D	1P20N02
111	13-1	BOLSE 001	BOLT, SHOULDER EYE, 5/8" X 6", GALVANIZED W/ SQUARE NUT ATTACHED		
112	13-2	BOLSE 002	BOLT, SHOULDER EYE, 5/8" X 8", GALVANIZED W/ SQUARE NUT ATTACHED		
113	13-3	BOLSE 003	BOLT, SHOULDER EYE, 5/8" X 10", GALVANIZED W/ SQUARE NUT ATTACHED		
114	13-4	BOLSE 004	BOLT, SHOULDER EYE, 5/8" X 12", GALVANIZED W/ SQUARE NUT ATTACHED		
115	13-5	BOLSE 005	BOLT, SHOULDER EYE, 5/8" X 14", GALVANIZED W/ SQUARE NUT ATTACHED		
116	13-6	BOLSE 006	BOLT, SHOULDER EYE, 5/8" X 16", GALVANIZED W/ SQUARE NUT ATTACHED		
117	13-7	BOLSE 007	BOLT, SHOULDER EYE, 5/8" X 18", GALVANIZED W/ SQUARE NUT ATTACHED		
118	13-8	BOLSE 008	BOLT, SHOULDER EYE, 3/4" X 8", GALVANIZED W/ SQUARE NUT ATTACHED		
119	13-9	BOLSE 009	BOLT, SHOULDER EYE, 3/4" X 10", GALVANIZED W/ SQUARE NUT ATTACHED		
120	13-10	BOLSE 010	BOLT, SHOULDER EYE, 3/4" X 12", GALVANIZED W/ SQUARE NUT ATTACHED		
121	13-11	BOLSE 011	BOLT, SHOULDER EYE, 3/4" X 14", GALVANIZED W/ SQUARE NUT ATTACHED		
122	13-12	BOLSE 012	BOLT, SHOULDER EYE, 3/4" X 16", GALVANIZED W/ SQUARE NUT ATTACHED		
123	13-13	BOLSE 013	BOLT, SHOULDER EYE, 3/4" X 18", GALVANIZED W/ SQUARE NUT ATTACHED		
124	13-14	BOLSE 014	BOLT, SHOULDER EYE, 3/4" X 20", GALVANIZED W/ SQUARE NUT ATTACHED		
125	13-15	BOLSE 015	BOLT, SHOULDER EYE, 3/4" X 22", GALVANIZED W/ SQUARE NUT ATTACHED		
126	13-16	BOLSE 016	BOLT, SHOULDER EYE, 3/4" X 24", GALVANIZED W/ SQUARE NUT ATTACHED		
127	13-17	BOLSE 017	BOLT, SHOULDER EYE, 7/8" X 14", GALVANIZED W/ SQUARE NUT ATTACHED		
128	13-18	BOLSE 018	BOLT, SHOULDER EYE, 7/8" X 16", GALVANIZED W/ SQUARE NUT ATTACHED		
129	13-19	BOLSE 019	BOLT, SHOULDER EYE, 7/8" X 18", GALVANIZED W/ SQUARE NUT ATTACHED		
130	13-20	BOLSE 020	BOLT, SHOULDER EYE, 7/8" X 20", GALVANIZED W/ SQUARE NUT ATTACHED		
131	13-21	BOLSE 021	BOLT, SHOULDER EYE, 7/8" X 22", GALVANIZED W/ SQUARE NUT ATTACHED		
132	13-22	BOLSE 022	BOLT, SHOULDER EYE, 7/8" X 24", GALVANIZED W/ SQUARE NUT ATTACHED		
133	13-23	BOLSE 023	BOLT, SHOULDER EYE, 7/8" X 26", GALVANIZED W/ SQUARE NUT ATTACHED		
134	13-24	BOLSE 024	BOLT, SHOULDER EYE, 7/8" X 28", GALVANIZED W/ SQUARE NUT ATTACHED		
135	13-25	BOLSE 025	BOLT, SHOULDER EYE, 7/8" X 30", GALVANIZED W/ SQUARE NUT ATTACHED		
136	14-1	BRCCF 001	BRACE, CROSSARM, FACE MOUNTING WOOD, 3-3/8" X 4-3/8" FIR, 3'-0" DROP, 9'-0" SPAN (1 EACH = 1 PAIR) #6-#10 PENTA TREATED. GALV. STEEL END FITTINGS, 3-1/2" X 3-1/2".	171D	2Y02
137	14-2	BRCCF 002	BRACE, CROSSARM, FACE MOUNTING WOOD, 3-3/8" X 4-3/8" FIR, 3'-6" DROP, 10'- 6" SPAN	150D	2Y02
138	14-3	BRCCF 003	BRACE, CROSSARM, FACE MOUNTING WOOD, 3-3/8" X 4-3/8" FIR, 4'-6" DROP, 14'- 0" SPAN (1 EACH = 1 PAIR),	131D	1Y06
139	14-4	BRCCF 004	BRACE, CROSSARM, FACE MOUNTING WOOD, 3-3/8" X 4-3/8" FIR, 6'-10" DROP, 19'- 0" SPAN	150D	1Y06
140	15-1	BRCCX 001	BRACE, "X", WOOD, FIR, POLE SPACING CENT ER TO CENTER 10'- 0", CROSS-SECTION WOOD 3-3/8" X 4-3/8",	135D	2Y02
141	15-2	BRCCX 002	BRACE, "X", WOOD, FIR, POLE SPACING CENT ER TO CENTER 10'- 6", CROSS-SECTION WOOD 3-3/8" X 4-3/8",	52D	1Y06
142	15-3	BRCCX 003	BRACE, "X", WOOD, FIR, POLE SPACING CENT ER TO CENTER 12'- 0", CROSS-SECTION WOOD 3-3/8" X 4-3/8",	52D	1Y06
143	15-4	BRCCX 004	BRACE, "X", WOOD, FIR, POLE SPACING CENT ER TO CENTER 14'- 0", CROSS-SECTION WOOD 3-3/8" X 4-3/8",	52D	1Y06
144	15-5	BRCCX 005	BRACE, "X", WOOD, FIR, POLE SPACING CENT ER TO CENTER 19'- 6", CROSS-SECTION WOOD 3-11/16" X 8-1/2"	52D	1Y06
145	16-1	CLAAAN 001	CLAMP, ANGLE, 4-SOL.- 250-MCM, FORGED STEEL OR MALLEABLE IRON 7000#	72D	1B09Q01
146	16-2	CLAAAN 002	CLAMP, ANGLE, 2-AAAC - 1/0-AAAC ALUMINUM, 7000#	56D	1B09R02
147	17-1	CLACT 001	CLAMP, CLAMP-TOP POST INSULATOR, HOT-DIP GALVANIZED, MALLEABLE IRON, 4/0-STR. CU.	83D	1B09R04
148	17-2	CLACT 003	CLAMP, CLAMP-TOP POST INSULATOR ALUMINUM, 1/0 - 3/0 AAAC	80D	1B09R04
149	17-3	CLACT 004	CLAMP, CLAMP-TOP POST INSULATOR ALUMINUM, 336 - 636 AAC	66D	1B09S02
150	17-4	CLACT 005	CLAMP, CLAMP-TOP POST INSULATOR ALUMINUM, 954-ACSR	265D	1B14R01
151	17-5	CLACT 006	CLAMP, CLAMP-TOP POST INSULATOR ALUMINUM, 1590-ACSR	251D	1B14R02
152	17-7	CLACT 009	CLAMP, CLAMP-TOP POST INSULATOR, ANGLE, 2 - 1/0 AAAC, ALUMINUM CONDUCTOR	74D	1B09S04
153	17-8	CLACT 010	CLAMP, CLAMP-TOP POST INSULATOR, ANGLE, 3/0 AAAC - 336 AAC ALUMINUM CONDUCTOR	65D	1B09S03
154	17-9	CLACT 011	CLAMP, CLAMP-TOP POST INSULATOR, ANGLE, 556, 652, 636, ALUMINUM CONDUCTOR	62D	1B09T01
155	17-10	CLACT 012	CLAMP, CLAMP-TOP POST INSULATOR, ANGLE, 954 ACSR, ALUMINUM CONDUCTOR	178D	1B14R02

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Overhead Transmission Standards

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
156	19-1	CLAGR 001	CLAMP, GROUND ROD, 5/8" - 4SOL "HAMMERLOCK"	26D	1B09T02
157	19-2	CLAGR 002	CLAMP, GROUND ROD, 5/8", 8 SOL - 1/0 STR. "WEDDING BAND" ***MAINTENANCE ONLY**		
158	20-1	CLAJU 001	CLAMP, JUMPER LOOP, FOR USE ON POLYMER INSULATOR, FOR 954-AAC & 954-ACSR	80D	1B14R04
159	20-2	CLAJU 002	CLAMP, JUMPER LOOP, FOR USE ON POLYMER INSULATOR, FOR 1590-ACSR	80D	1B14R05
160	20-3	CLAJU 005	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 556 ASCR	80D	1B22W02
161	20-4	CLAJU 006	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 954 AAC	80D	1B22X03
162	20-5	CLAJU 007	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 954 ASCR	80D	1P05J04
163	20-6	CLAJU 008	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 1590 ASCR	80D	1B22X05
164	20-7	CLAJU 010	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 954 CARDINAL ACSS - MAXIMUM OPERATING TEMPERATURE IS 200C	80D	1B22X04
165	21-1	CLAQD 001	CLAMP, QUADRANT DEADEND, MALLEABLE IRON, GALVANIZED, 4/0-500MCM CU/AL, 25000#	24D	1B14R06
166	21-2	CLAQD 003	CLAMP, QUADRANT DEADEND, FORGED OR CAST ALUMINUM, 336-652AAAC, 25000#	192D	1B14S01
167	21-3	CLAQD 004	CLAMP, QUADRANT DEADEND, FORGED OR CAST ALUMINUM, 4/0-556AAC, 23000#	38D	1B14S02
168	21-4	CLAQD 005	DEADEND CLAMP (.7 - 1.39" = 336-1272 ACSR, 397-1431 AAC) 35,000# STRENGTH, GAP = 1 7/16", PIN = 3/4"	263D	1P20N04
169	21-5	CLAQD 006	DEADEND CLAMP (1.18 - 1.52" = 1033-1510 ACSR, 1100-1700 AAC) 35,000# STRENGTH, GAP = 2", PIN = 3/4"	102D	1P20N05
170	21-6	CLAQD 007	CLAMP, QUADRANT, BRONZE, 750 MCM	24D	1B14U05
171	21-7	CLAQD 008	DEADEND CLAMP (.2 - .55") 19,000# STRENGTH, GAP = 7/8", PIN = 5/8"CLAMP, DUCTILE IRON, FOR 3#6 AW	66D	1P20N05
172	21-8	CLAQD 020	CLAMP, QUADRANT, FOR 2500 AAC CONDUCTOR.	42D	1P05H01
173	22-1	CLASU 001	ALUMINUM SUSPENSION CLAMP FOR 3#6AW / 7#10AW, 15000#	57D	1B14S03
174	22-2	CLASU 002	CLAMP, SUSPENSION, ALUMINUM, 25000#, 3/0 - 336AAC	54D	1B14S04
175	22-5	CLASU 006	CLAMP, SUSPENSION, ALUMINUM, 25000#, 652 AAAC, 636 AAC	166D	1P20001
176	22-6	CLASU 007	CLAMP, SUSPENSION, ALUMINUM, 25000#, 954 AAC, ASCR	151D	1P20001
177	22-7	CLASU 008	CLAMP, SUSPENSION, ALUMINUM, 25000#, 1590-ACSR	212D	1P20001
178	22-8	CLASU 009	CLAMP, SUSPENSION, MALLEABLE IRON, GALV. 16000#, 2-4/0	131D	1B09U03
179	23-1	CLASW 001	SHIELD WIRE CLAMP FOR 3#6AW / 3#7CU, GALV.	148	1B09U04
180	24-1	CLATG 001	CLAMP, TRANSFORMER TANK GROUND, "BRONZE" #6 SOL - #1 STR.	41D	1P11A04
181	25-1	CLECY 001	90 DEGREE EYE CLEVIS, 30,000#, H.D.G., DROP-FORGED STEEL	290D	1B14T01
186	25-2	CLECY 002	CLEVIS, EYE, STANDARD, 30,000#, H.D.G., DROP-FORGED STEEL, HOLE DIA = 11/16"		INACTIVE
182	25-2	CLECY 003	CLEVIS, EYE, STANDARD, 30,000#, H.D.G., DROP-FORGED STEEL, HOLE DIA = 13/16"	150D	1B14T01
183	25-3	CLECY 005	CLEVIS, HOT LINE HARDWARE, SOCKET-Y 50,000#, 7/8" PIN SIZE, CLASS 52-8 FOR TRANSMISSION USE, H.D.G.	52D	1B14T03
184	26-1	CLEHL 001	BALL-Y CLEVIS, CLASS 52-3/5, STRENGTH = 30,000#, L > 9" PIN = 3/4" HOT DIPPED GALV.	75D	1P20002
185	26-2	CLEHL 002	CLEVIS, HOT LINE HARDWARE, BALL-Y-CLEVIS 50,000#, 7/8" PIN SIZE, CLASS 52-8, H.D.G.	49D	1P20002
186	26-3	CLEHL 003	CLEVIS, HOT LINE HARDWARE, BALL CLEVIS, 30,000#, 5/8" PIN SIZE, CLASS 52-3, H.D.G.	60D	1B14T04
187	26-4	CLEHL 004	CLEVIS, HOT LINE HARDWARE, SOCKET CLEVIS 30,000#, 5/8" PIN SIZE, CLASS 52-3, H.D.G.	74D	1B14T05
188	26-5	CLEHL 005	SOCKET-Y CLEVIS, CLASS 52-8/11, STRENGTH = 50,000#, L = 11", PIN = 7/8", H.D.G.	59D	1P20003
189	26-6	CLEHL 006	CLEVIS, SOCKET EYE, HOT LINE HDWR., 30,000# STRENGTH, H.D.G.	48D	1B14U01
190	26-7	CLEHL 007	CLEVIS, SOCKET EYE, HOT LINE HDWR., 30,000# STRENGTH, H.D.G.	56D	1B14U02
191	26-8	CLEHL 008	SOCKET-EYE CLEVIS, CLASS 52-8/11, L = 10", EYE = 3/4 THICK W/ 13/16 OPENING, H.D.G.	50D	1B14U01
192	27-1	CLESO 001	CLEVIS, SOCKET, 52-3 & 4 NEMA, 5/8"-PIN 13/16" CLEVIS OPENING, FORGED STEEL, H.D.G.	290D	1B14U03
193	27-2	CLESO 002	CLEVIS, SOCKET, 52-3 NEMA, 5/8"-PIN 13/16" CLEVIS OPENING, FORGED STEEL, H.D.G.	49D	1B14U04
194	27-3	CLESO 003	CLEVIS, SOCKET, CLASS 52-8, 7/8" PIN 1-1/8" CLEVIS OPENING, FORGED STEEL, H.D.G.	52D	1B14U03
195	27-4	CLESO 004	CLEVIS, SOCKET-Y, CLASS 52-8, 3/4" PIN FORGED STEEL, H.D.G., 30,000#	51D	1B14V01
196	27-5	CLESO 005	CLEVIS, SOCKET - Y, 50,000 LB, CLASS 52-8/11.	42D	1P05E02
197	28-1	CLETE 001	TOWER Y-EYE CLEVIS, 30,000#, 3/4" PIN, 5/8" EYE THICKNESS, 11/16" EYE DIAMETER H.D.G., HEAT TREATED	83D	1P20N03
198	28-2	CLETE 002	CLEVIS, TOWER EYE, STANDARD, 30,000# 1" EYE THICKNESS, 11/16" HOLE DIA. H.D.G., HEAT TREATED	71D	1B14V02
204	28-3	CLETE 003	CLEVIS, TOWER EYE, STANDARD, 30,000# 1-5/8" EYE THICKNESS, 11/16" HOLE DIA. H.D.G., HEAT TREATED		INACTIVE
199	28-4	CLETE 004	CLEVIS, TOWER EYE, 90 DEGREE, 30,000# 5/8" EYE THICKNESS, 11/16" HOLE DIAMETER H.D.G., HEAT TREATED	75D	1B14V03
200	28-5	CLETE 005	CLEVIS, TOWER EYE, 90 DEGREE, 30,000# 1-3/8" EYE THICKNESS, 11/16" HOLE DIA. H.D.G., HEAT TREATED	93D	1B14V04
201	28-6	CLETE 006	CLEVIS, TOWER EYE, 90 DEGREE, 30,000# 1-5/8" EYE THICKNESS, 11/16" HOLE DIA. H.D.G., HEAT TREATED	95D	1B14V05

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202	29-1	CLETH 001	20,000# THIMBLE CLEVIS, GALV., MAXIMUM STRAND DIAMETER = 7/8", USED WITH 3/8" & 7/16"	54D	1P11A05
203	29-2	CLETH 002	40,000# THIMBLE CLEVIS, H.D.G., MAXIMUM STRAND DIAMETER = .875", USED WITH 1/2" & 9/16"	60D	1B14W01
204	29-3	CLETH 003	60,000# THIMBLE CLEVIS, H.D.G., STRENGTH = 60,000#, USED WITH 5/8" & 3/4"	28D	1B14W02
205	87-1	CLEYY 001	CLEVIS, "Y", 90-DEGREE, 13/16" OPENING 3/4" Y-PIN, 5/8" CLEVIS PIN, 30,000#	61D	1B14W03
206	87-2	CLEYY 002	CLEVIS, "Y", 90-DEGREE, 15/16" OPENING 7/8" Y-PIN, 7/8" CLEVIS PIN, 50,000#.	52D	1B14V02
207	30-1	CNNAJ 002	ALUMINUM JUMPER TERMINAL FOR CONDUCTOR RANGE .889" - .964" (556-ACSR & 636-AAC), 15-DEGREE ANGLE	119D	1B09U05
208	30-2	CNNAJ 005	TERMINAL, ALUMINUM JUMPER, CONDUIT RANGE 1.475" - 1.560", CONDUIT SIZE 1590-ACSR 15-DEGREE ANGLE	76D	1B14W04
209	30-3	CNNAJ 006	ALUMINUM JUMPER TERMINAL FOR CONDUCTOR RANGE 1.092" - 1.172" (954 AAC), 0-DEGREE ANGLE	137D	1B14W05
210	30-4	CNNAJ 007	ALUMINUM JUMPER TERMINAL FOR CONDUCTOR RANGE 1.124" - 1.196" (954-ACSR), 0-DEGREE ANGLE	52	1B14W05
211	30-5	CNNAJ 008	ALUMINUM JUMPER TERMINAL FOR CONDUCTOR RANGE 1.475" - 1.560" (1590-ACSR), 0-DEGREE ANGLE,	35D	1B14X01
212	30-6	CNNAJ 010	TERMINAL, ALUMINUM JUMPER, COMPRESSION TERMINAL, 954-SSAC "CARDINAL" 15-DEGREE ANGLE	105D	1B14X01
213	30-7	CNNAJ 020	TERMINAL, STRAIGHT, ALUMINUM JUMPER, FOR 2500 ACC CONDUCTOR.	42D	1B08O07
214	31-1	CNNCP 002	COMPRESSION CONNECTOR, TYPE H, (3#6 AW) TO (#4 CU); (.258 - .420) TO (.162 - .332), ALUMINUM	24D	1P11B04
215	31-2	CNNCP 003	COMPRESSION CONNECTOR, TYPE H, (3#6 AW) TO (3#6 AW); (.232 - .420) TO (.232 - .420), ALUMINUM	48D	1P11B03
216	31-3	CNNCP 016	COMPRESSION CONNECTOR, #4 SOL. CU. TO #4 SOL. CU., FOR COPPER CONNECTIONS ONLY	61D	1B09U03
217	32-1	CNNGR 002	COUPLING, GROUND ROD, "THREADLESS" REMARKS: FOR THREADLESS GROUND RODS	24D	1P11C05
218	88-1	CNNPA 133	CONNECTOR, PARALLEL TAP, ALUMINUM, 3 U-BOLTS, 556 ACSR.		
219	88-2	CNNPA 137	CONNECTOR, PARALLEL TAP, ALUMINUM, 3 U-BOLTS, 954AAC.		
220	88-3	CNNPA 141	CONNECTOR, PARALLEL TAP, ALUMINUM, 3 U-BOLTS, 954ACSR.		
221	88-4	CNNPA 145	CONNECTOR, PARALLEL TAP, ALUMINUM, 3 U-BOLTS, 1590ACSR.		
222	33-1	CNNTB 001	TWO BOLT PARALLEL CONNECTOR FOR CU TO CU CONNECTIONS, 1/0-4/0 MAIN, 8-4/0 TAP	49D	1B09V02
223	33-2	CNNTB 002	TWO BOLT PARALLEL CONNECTOR FOR CU TO CU CONNECTIONS, 250-350 MAIN, 8-350 TAP	46D	1B09V02
224	33-3	CNNTB 003	TWO BOLT PARALLEL CONNECTOR FOR CU TO CU CONNECTIONS, 400-500 MAIN, 8-500 TAP	34D	1B09V03
225	33-4	CNNTB 004	CONNECTOR, 400-800 MAIN, 3/0-800 TAP TWO-BOLT PARALLEL	28D	1B09V04
226	89-1	CNNTTE 206	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, HEAT TREATED, 556 ACSR MAIN TO 4/0 CU TAP		
227	89-2	CNNTTE 208	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, HEAT TREATED, 556-652 ACSR MAIN TO 336.4 TAP		
228	89-3	CNNTTE 209	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 556-652, MAIN & TAP		
229	89-4	CNNTTE 210	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 954 MAIN TO 3/0 TAP		
230	89-5	CNNTTE 211	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 954 MAIN TO 336 TAP		
231	89-6	CNNTTE 213	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 954-1192 MAIN TO 556-652 TAP		
232	89-7	CNNTTE 214	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 954 MAIN & TAP		
233	89-8	CNNTTE 224	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 1590 MAIN TO 336 TAP		
234	89-9	CNNTTE 227	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 1590 MAIN & TAP		
235	34-1	COBAA 024	CONDUCTOR, 652 KCM (AAAC), 19 STRAND BARE ALL-ALUMINUM ALLOY "ELGIN"	72D	1F15F15
236	34-2	COBAA 027	CONDUCTOR, 954 KCM (AAC), 61 STRAND "GOLDENROD" CONDUCTOR TO BE DELIVERED ON RMT 90.45 - 10,900 FT / REEL	105D	
237	34-3	COBAA 028	CONDUCTOR, LUPINE 2500 AAC	60D	
238	35-1	COBAS 005	CONDUCTOR, 3#6 ALUMINUM CLAD STEEL	70D	1Y01
239	35-2	COBAS 006	CONDUCTOR, 7#7 ALUMINUM CLAD STEEL	181D	1F02
240	35-3	COBAS 007	CONDUCTOR, 7#10 ALUMINUM CLAD STEEL - REPLACES COBAS003	207D	1F02
241	36-1	COBCO 004	CONDUCTOR, #4 SOLID		
242	36-2	COBCO 025	CONDUCTOR, #6 SOLID, SOFT DRAWN, BARE COPPER (50# COIL)	70D	1P24S03
243	36-3	COBCO 026	CONDUCTOR, #6 SOLID, HARD DRAWN, BARE COPPER	150D	1F06

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244	36-4	COBCO 028	#4 SOLID BARE COPPER CONDUCTOR, SOFT DRAWN (50# COIL)	70D	1P24T01
245	36-5	COBCO 029	CONDUCTOR, #2 SOLID, HARD DRAWN, BARE COPPER (25# COIL)	57D	1P24U03
246	37-1	COBCW 014	CONDUCTOR, #4, TYPE 40 DSA, COPPERWELD & COPPERWELD-COPPER .204" DIAMETER 3541# BREAKING STRENGTH (50# COIL)	70D	1P24V01
247	38-1	COBSR 001	CONDUCTOR, 556.5 KCM (ACSR), 24-7 STRAND BARE ALL-ALUMINUM REINFORCED, "PARAKEET"	119D	1Y05
248	38-2	COBSR 002	CONDUCTOR, 954 KCM (ACSR), 54-7 STRAND, BARE ALL-ALUMINUM REINFORCED, "CARDINAL"	65D	1Y01
249	38-3	COBSR 003	CONDUCTOR, 1590 KCM, ACSR, 54-19 STRAND BARE ALL-ALUMINUM REINFORCED, "FALCON"	66D	1Y01
250	38-5	COBSR 005	CONDUCTOR, 954 KCM (ACSS), 54-7 STRAND, BARE ALL-ALUMINUM REINFORCED, "CARDINAL"	70D	
251	91-1	CXAFG 001	CROSSARM, FIBERGLASS, 3 5/8" X 4 5/8" X 10', 10" BOLT SPACING, ULTIMATE LOAD PER SIDE 13,000 LBS.		
252	91-2	CXAFG 002	CROSSARM, FIBERGLASS, 3 5/8" X 4 5/8" X 10', 10" BOLT SPACING, 39 LBS, USED FOR TANGENT CONSTRUCTION ONLY		
253	39-1	CXAGA 001	CROSSARM, GAIN, 4" X 6 3/4", 9"-15" POLE DIA, 7/8" MAXIMUM BOLT SIZE, GALVANIZED	60D	1B16M04
254	40-1	CXAWO 001	CROSSARM, WOOD, 3-1/2" X 4-1/2" X 8'	56D	1Y03
255	40-2	CXAWO 002	TIMBER, 4" X 4" X 8 FT. TREATED SOUTHERN YELLOW PINE, MATERIAL TO BE BANDED IN BUNDLES OF 25 EACH,	47D	1Y03
256	40-3	CXAWO 003	CROSSARM, WOOD, 3-3/4" X 4-3/4" X 10'	70D	1Y03
257	40-4	CXAWO 004	CROSSARM, WOOD, 4-3/4" X 5-3/4" X 10'	67D	1Y03
258	40-5	CXAWO 005	CROSSARM, WOOD, 5-3/4" X 5-3/4" X 10'	70D	1Y03
259	40-6	CXAWO 006	CROSSARM, WOOD, 3-3/4" X 7-3/4" X 11'	139D	2Y01
260	40-7	CXAWO 007	CROSSARM, WOOD, 3-3/4" X 7-3/4" X 15'-6"	124D	2Y01
261	40-8	CXAWO 008	CROSSARM, WOOD, 5 3/4" X 7 3/4" X 11' TREATED SOUTHERN YELLOW PINE FIR	139D	2Y01
262	40-9	CXAWO 009	CROSSARM, WOOD, 5 3/4" X 7 3/4" X 15' TREATED SOUTHERN YELLOW PINE	134D	2Y01
263	40-10	CXAWO 010	CROSSARM, WOOD, 5 3/4" X 7 3/4" X 22' TREATED SOUTHERN YELLOW PINE	162D	2Y01
264	40-11	CXAWO 011	CROSSARM, WOOD, 4-3/4" X 5-3/4" X 12'	150D	2Y01
265	40-12	CXAWO 012	CROSSARM, WOOD, 5-3/4" X 7-3/4" X 29'	150D	2Y01
266	41-1	DAPVI 001	VIBRATION DAMPER FOR 3#6AW & 7#10AW	50D	1P19M01
267	41-2	DAPVI 002	VIBRATION DAMPER FOR 3#6AW WITH GRIP	110D	1B15M04
268	41-3	DAPVI 003	VIBRATION DAMPER FOR 556-MCM ACSR	44D	1B15M05
269	41-4	DAPVI 004	VIBRATION DAMPER FOR 954-MCM ACSR	76D	1P19V01-4
270	41-5	DAPVI 005	VIBRATION DAMPER FOR 1590-MCM ACSR	71D	1P19U01
271	42-1	DEACB 003	DEADEND COMPRESSION ASSEMBLY FOR 556 ACSR, OVAL EYE, ACSR ONLY	50D	1P05I05
272	42-2	DEACB 005	DEADEND COMPRESSION ASSEMBLY FOR 954 ACSR, OVAL EYE, ACSR ONLY	69D	1P05F04
273	42-3	DEACB 007	DEADEND COMPRESSION ASSEMBLY FOR 1590 ACSR, OVAL EYE, ACSR ONLY	60D	1P20O05
274	42-4	DEACB 010	DEADEND ASSEMBLY, 556, SINGLE PAD OVAL-EYE, ACSR ONLY	73D	1P05E04
275	42-5	DEACB 012	DEADEND ASSEMBLY, 954, SINGLE PAD OVAL-EYE, ACSR ONLY	119D	1P05H01
276	42-6	DEACB 014	DEADEND ASSEMBLY, 1590, SINGLE PAD OVAL-EYE, ACSR ONLY	52D	1P05I05
277	42-7	DEACB 016	DEADEND ASSEMBLY, 954 ACSS, SINGLE PAD COMPRESSION TYPE, DEADEND HAS OVAL-EYE AT 90-DEGREE ANGLE WITH 4-HOLE NEMA PAD AT 30-DEGREE ANGLE "CARDINAL"	57D	1P05F05
278	42-8	DEACB 017	DEADEND ASSEMBLY, 954 ACSS, COMPRESSION TO COMPRESSION	14D	1P05N01
279	43-1	GRIAR 001	SUPPORT, ARMOR GRIP, FOR ANGLES UP TO 30-DEGREE,	52D	1P20P02
280	43-2	GRIAR 002	SUPPORT, ARMOR GRIP, FOR ANGLES UP TO 30-DEGREE, LAPP P/N 77405B	122D	1P20P03
281	43-3	GRIAR 003	SUPPORT, ARMOR GRIP, FOR ANGLES UP TO 30-DEGREE, LAPP P/N 77406K	192D	1P20P04
282	43-4	GRIAR 004	SUPPORT, ARMOR GRIP, FOR ANGLES UP TO 30-DEGREE, LAPP P/N 77406F	52D	1P20P05
288	43-5	GRIAR 005	SUPPORT, ARMOR GRIP, FOR ANGLES UP TO 30-DEGREE, LAPP P/N 77408F		INACTIVE
283	44-1	GRIPR 001	GRIP, PREFORMED, 3#6AW, 22", DEADEND	52D	1P20P07
284	44-2	GRIPR 002	GRIP, PREFORMED, 7#10 & 3#7AW, 20" DEADEND	150D	1B15U04
285	44-3	GRIPR 003	GRIP, PREFORMED, 3#6CW, 27", DEADEND	52D	1B15U05
286	44-4	GRIPR 004	GRIP, PREFORMED, 3#7 & 7#10AW, 25" DEADEND	52D	1B15V01
287	44-5	GRIPR 005	GRIP, PREFORMED, 7#7AW, 28", DEADEND	150D	1B15V02
288	45-1	GRISA 001	SUSPENSION, ARMOR GRIP, ASSEMBLY, SINGLE COND. SIZE- 556 ACSR	42D	1P20Q01
289	45-2	GRISA 002	SUSPENSION, ARMOR GRIP, ASSEMBLY, SINGLE COND. SIZE- 652 AAAC	177D	1P20Q02
290	45-3	GRISA 003	ARMOR GRIP SUSPENSION ASSEMBLY FOR 954 AAC, (1.119" - 1.136"), 82 INCHES, 1 3/16" GAP, 5/8" PIN	98D	1P20Q03

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MATERIALS



Overhead Transmission Standards

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
291	45-4	GRISA 004	ARMOR GRIP SUSPENSION ASSEMBLY FOR 954 ACSR, (1.176" - 1.208"), 82 INCHES, 1 3/16" GAP, 5/8" PIN	70D	1P20R01
292	45-5	GRISA 005	ARMOR GRIP SUSPENSION ASSEMBLY FOR 1590 ACSR, (1.517" - 1.557"), 88 INCHES, 1 3/8" GAP, 3/4" PIN	101D	1P20R01
293	45-6	GRISA 006	SUSPENSION, ARMOR GRIP, ASSEMBLY, DOUBLE FOR LINE ANGLES 30-60 DEGREES, SIZE 954 AAC, SPACING- 26"	52D	NON STOCK
294	45-7	GRISA 007	SUSPENSION, ARMOR GRIP, ASSEMBLY, DOUBLE FOR LINE ANGLES 30-60 DEGREES, SIZE 954 ACSR, SPACING- 26"	24D	NON STOCK
295	45-8	GRISA 008	SUSPENSION, ARMOR GRIP, ASSEMBLY, DOUBLE FOR LINE ANGLES 30-60 DEGREES, SIZE 1590 ACSR, SPACING- 32"	51D	1P20V01
296	45-9	GRISA 009	SUSPENSION, ARMOR GRIP, ASSEMBLY, SINGLE HIGH TEMPERATURE CONDUCTOR SIZE- 954 ACSS	60D	1P46G02
297	45-10	GRISA 010	SUSPENSION, DOUBLE ARMOR GRIP, ASSEMBLY, FOR HIGH TEMPERATURE CONDUCTOR SIZE- 954 ACSS, CARDINAL.	60D	1C02A01
298	45-11	GRISA 020	ARMOR GRIP ASSEMBLY FOR SINGLE 2500 ACC CONDUCTOR	42D	
299	46-1	GUAGW 001	GUARD, GROUND WIRE, 1/2" X 1/2" X 96", GRAY PLASTIC	64D	1P14F03
300	46-2	GUAGW 002	GUARD, "YELLOW", GUY WIRE, 1/4" TO 1/2" 8', PVC	49D	1P13F02
301	46-3	GUAGW 003	GUARD, GUY WIRE, 8' POLYETHYLENE WITH UV INHIBITORS, ROUND 2" O.D., YELLOW, TO INCLUDE SHORT GUY STRAP, FOR 9/16" AND 3/4" GUY STRAND	78D	1P01S02
302	47-1	GUALI 001	ALUMINUM LINE GUARD FOR 3#6AW, 23" LG, RANGE .347" - 366"	68D	1B15N01
303	47-2	GUALI 002	GUARD, LINE, ALUMINUM, 2ACSR SIZE 21" LG, RANGE .309" - 326"	56D	1B15N02
304	47-3	GUALI 003	GUARD, LINE, ALUMINUM, 7#10AW SIZE 21" LG, RANGE .290# - .308"	150D	1B15N03
305	47-4	GUALI 004	GUARD, LINE, ALUMINUM, 1/0AAC SIZE 25" LG, RANGE .390" - .413"	52D	1B15N04
306	47-5	GUALI 005	GUARD, LINE, ALUMINUM, 7#7AW SIZE 23" LG., RANGE .367" - 389"	199D	1B15N05
307	47-6	GUALI 006	GUARD, LINE, ALUMINUM, 3/0ACSR SIW 29" LG., RANGE .491" - .521"	126D	1B15N06
308	47-7	GUALI 007	GUARD, LINE, ALUMINUM, 336AAC SIZE 35" LG., RANGE .656" - .679"	52D	1B15O03
309	47-8	GUALI 008	GUARD, LINE, ALUMINUM, 556ACSR SIZE 43" LG., RANGE .889" - .954"	45D	1P20T01
310	48-1	GUYGR 001	GRIP, GUY, 3/8", 26", GALVANIZED	35D	1P11F02
311	48-2	GUYGR 002	GRIP, GUY, 7/16", GREEN, GALVANIZED	38D	1P11F01
312	48-3	GUYGR 003	GRIP, GUY, 1/2", 34", GALVANIZED	62D	1P20T01
313	48-4	GUYGR 004	GRIP, GUY, 9/16", YELLOW, GALVANIZED	86D	1P20T02
314	48-5	GUYGR 005	GRIP, GUY, 3/4", ORANGE, GALVANIZED	62D	1P20T03
315	49-1	GUYST 005	STRAND, GUY, 3/8" DIA, 7 PER STRAND, GALVANIZED STEEL, CLASS "B" GALV. (500' COIL)	37D	1Y01
316	49-2	GUYST 006	7/16" DIAMETER GUY STRAND, 7 PER STRAND, CLASS "B" GALV. (500' COIL)	52D	1Y01
317	49-3	GUYST 007	9/16" DIAMETER GUY STRAND, 7 PER STRAND, GALVANIZED STEEL, 1000FT REEL, CLASS C. CODE 378 (1000' REEL)	55D	1Y01
318	49-4	GUYST 008	3/4" DIAMETER GUY STRAND, 19 PER STRAND, GALVANIZED STEEL, CLASS "C" GALV. (1000'/REEL)	55D	1Y01
319	85-1	HDWTU 001	TURNBUCKLE, CLEVIS-EYE, 12" TAKEUP, 76,000#		
320	90-1	INSCR 001	CORONA RING, FOR MACLEAN 138/230KV 50,000 LBS SML DEAD-END INSULATORS	97D	1B15N07
321	90-2	INSCR 002	CORONA RING FOR NGK 138KV AND 230KV INSULATORS (INSDE002 & 003; INSSU009 & 010; INSLP013 & 014)	97D	1B03U04
322	90-1	INSCR 003	CORONA RING, FOR MACLEAN 138/230KV 30,000 LBS SML SUSPENSION AND BRACED LINE POST INSULATORS	97D	1B04P03
323	90-2	INSCR 004	CORONA RING, FOR MACLEAN 138/230KV 2.5" POST INSULATORS	97D	1B04W04
324	90-3	INSCR 005	CORONA RING, FOR NGK INSULATOR (INSDE006 & 007)	97D	1B04U01
325	90-4	INSCR 006	CORONA RING, FOR NGK POST INSULATORS (INSHP024 & 025)	97D	1B20U04
326	50-1	INSDE 002	INSULATOR, DEADEND, SILICON, Y-BALL COUPLING, ANSI 52-8/11, 50,000#, L=111", 230KV	100	8P.12.A01
327	50-2	INSDE 003	INSULATOR, DEADEND, SILICON, Y-BALL COUPLING, ANSI 52-8/11, 50,000#, L=89" 138KV NC, 230KV OC	60D	8P.12.B01
328	50-3	INSDE 004	INSULATOR, DEADEND, SILICON, Y-BALL COUPLING, ANSI 52-8/11, 50,000#, L=66" 69KV NC, 138KV OC	48D	8P.12.C01
329	50-4	INSDE 006	INSULATOR, DEADEND, SILICON, NEMA 8/11 Y-CLEVIS BALL END FITTINGS, ECR GLASS, 50,000 LBS SML, L-83", MIN LEAKAGE DISTANCE = 200	87D	8P.08.A01
330	50-5	INSDE 007	INSULATOR, DEADEND, SILICON, NEMA 8/11 Y-CLEVIS BALL END FITTINGS, ECR GLASS, 50,000 LBS SML, L-100", MIN LEAKAGE DISTANCE = 250	87D	8P.08.B01
331	50-6	INSDE 010	INSULATOR, DEADEND, SILICON, Y-BALL COUPLING, ANSI 52-8/11, 50,000LB, L=43" 69KV OC	56D	8P.09.C01
333	51-1	INSHP 020	HORIZONTAL POST SILICONE INSULATOR, 69KV, L = 45 INCHES, GAIN BASE,	67D	8P.05.A01
334	51-2	INSHP 021	INSULATOR, HORIZONTAL LINE POST, SILICONE, 69 KV, FLAT BASE	67D	8P.06.A01
335	51-3	INSHP 022	INSULATOR, HORIZONTAL LINE POST, SILICONE, 138 KV, FLAT BASE	67D	8P.06.C01
336	51-4	INSHP 023	HORIZONTAL POST SILICONE INSULATOR, 138KV, L = 54 INCHES, GAIN BASE	67D	8P.07.A01

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Overhead Transmission Standards

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
337	51-5	INSHP 024	INSULATOR, HORIZONTAL LINE POST, SILICONE, 230 KV, FLAT BASE,	67D	8P.07.B02
338	51-6	INSHP 025	HORIZONTAL POST SILICONE INSULATOR, 230KV, L = 86 INCHES, GAIN BASE	100D	8P.11.A01
339	51-7	INSHP 030	INSULATOR, POST WITH TRUNION, 138KV, 12 DEGREE RISE, D.A. = 50", L.D. = 145", TENSILE LOAD = 5000 LBS.	57D	8P.07.C01
340	51-8	INSHP 032	INSULATOR, HORIZONTAL LINE POST, SILICONE, 230 KV, TRUNNION END FITTING, GAIN TYPE BASE	84D	8P.11.B01
341	51-9	INSHP 035	INSULATOR, HORIZONTAL LINE POST, SILICONE, 138 KV, EXTRA STRENGTH, FLAT BASE(SHIP TO: 2325 EMERSON ST., JAX, FL 32207) SHIP ON OPEN FLATBED	56D	
342	52-1	INSHV 001	INSULATOR ASSEMBLY, 138 KV, HORIZONTAL VEE	122D	1Y03
343	52-2	INSHV 002	INSULATOR ASSEMBLY, 240 KV, HORIZONTAL VEE	122D	1Y03
344	53-1	INSLP 003	INSULATOR, BRACED LINE POST, 230KV, FLAT	88D	
345	53-2	INSLP 011	INSULATOR, BRACED LINE POST, SILICONE, 138 KV, FLAT BASE	67D	2Y01
346	53-3	INSLP 012	138KV SILICONE BRACED LINE POST INSULATOR, GAIN BASE, L = 52", 12" B.H.S.	67D	2Y01
347	53-4	INSLP 013	INSULATOR, BRACED LINE POST, SILICONE, 230 KV, FLAT BASE	67D	1Y03
348	53-5	INSLP 014	230KV SILICONE BRACED LINE POST INSULATOR, GAIN BASE, L= 108", 14" B.H.S.	100D	1YARD
349	54-1	INSPS 030	INSULATOR, SUSPENSION, SILICONE, Y-BALL COUPLING, ANSI 52-5, 25000#, L=59", 138KV SPECIAL APPLICATIONS	67D	1YARD
350	54-2	INSPS 031	INSULATOR, SUSPENSION, SILICONE, Y-BALL COUPLING, ANSI 52-5, 25000#, L=97", 230KV SPECIAL APPLICATIONS	67D	2Y02
351	55-	INSST XXX	INSULATOR, SPOOL TYPE, [001 BROWN] [002 WHITE]	43D	1P10J02
352	55-3	INSST 004	INSULATOR, STRUT, 30-1/2" LENGTH, 15000# TENSION		1Y.03.A01
353	55-4	INSST 005	INSULATOR, STRUT, 33-1/2" LENGTH, 15000# TENSION		1Y.03.A01
354	55-6	INSST 006	INSULATOR, STRUT, 36-1/2" LENGTH, 15000# TENSION		1Y.03.A01
355	55-7	INSST 007	INSULATOR, STRUT, 31-1/4" LENGTH, 25000# TENSION		1Y.03.A01
356	55-8	INSST 008	INSULATOR, STRUT, 34-1/4" LENGTH, 25000# TENSION		1Y.03.A01
357	55-9	INSST 009	INSULATOR, STRUT, 37-1/4" LENGTH, 25000# TENSION		1Y.03.A01
358	55-10	INSST 010	INSULATOR, STRUT, 25-1/2" LENGTH, 15000# TENSION		1P.08.J03
359		INSST011	INSULATOR, STRUT, BOLT KIT FOR INSST 004-010. EA. KIT CONTAINS (4) 1/2"-13 X 1.75" BOLTS, LOCK WASHERS, AND HEX NUTS.		1B.23.K04
360	56-1	INSSU 003	INSULATOR, SUSPENSION, 10", CLASS 52-3, STRENGTH 20000#, GALVANIZED FITTINGS	47D	1Y.03.A01
361	56-2	INSSU 004	INSULATOR, SUSPENSION, 10", CLASS 52-5, NEMA-STRENGTH: 30000#, GALVANIZED FITTINGS	70D	1Y.03.A01
362	56-3	INSSU 005	INSULATOR, SUSPENSION, 10", CLASS 52-8, STRENGTH 40000#, GALVANIZED FITTINGS	52D	1Y.03.A01
363	56-4	INSSU 007	INSULATOR, SUSPENSION, SILICON, Y-BALL COUPLING, ANSI 52-5, 30,000#, L=43" 7-BELLS		8P.08.B03
364	56-5	INSSU 008	INSULATOR, SUSPENSION, SILICON, Y-BALL COUPLING, ANSI 52-5, 30,000#, L=66" 11-BELLS		8P.08.C01
365	56-6	INSSU 009	INSULATOR, SUSPENSION, SILICON, Y-BALL COUPLING, ANSI 52-5, 30,000#, L=89" 15-BELLS		8P.09.A01
366	56-7	INSSU 010	INSULATOR, SUSPENSION, SILICON, NEMA 3/5 Y-CLEVIS BALL END FITTINGS, ECR GLASS, 30,000 LBS SML, L=83", MIN LEAKAGE DISTANCE = 200		8P.08.B01
367	57-1	LIKEX 002	LINK, EXTENSION, CLEVIS/EYE TYPE FITTING 14" LENGTH, ULTIMATE STRENGTH 15,000#		1P.01.S01
368	58-1	LUGGR 001	LUG FOR 3/4" BOLT, #4 SOLID WIRE, TIN PLATED COPPER COMPRESSION	180D	1B15U01
369	58-2	LUGGR 002	LUG FOR 7/8" BOLT, #4 SOLID WIRE, TIN PLATED COPPER COMPRESSION	77D	1B15U01
370	58-3	LUGGR 003	LUG FOR 1" BOLT, #4 SOLID WIRE, TIN PLATED COPPER COMPRESSION	129D	1B15U02
371	59-1	NUTEY 001	NUT, EYE, 1/2", HOT DIPPED GALVANIZED	67D	1B12S03
372	59-2	NUTEY 002	EYE NUT FOR 5/8" BOLT, 1 1/2" OPENING, HOT DIPPED GALVANIZED	37D	1P11F03
373	59-3	NUTEY 003	NUT, EYE, 3/4", HOT DIPPED GALVANIZED	50D	1P11F03
374	59-4	NUTEY 004	NUT, EYE, 7/8", HOT DIPPED GALVANIZED	178D	1B15N08
375	60-1	NUTHH 025	STAINLESS STEEL NUT FOR 1/2" BOLT - ITEM LOCATED IN MAXIMO		
376	61-1	NUTSA 500	NUT, 1/2"-13, HEX, 316 SS, NC	174D	1B05H07
377	62-1	NUTSL 002	SQUARE LOCK NUT FOR 1/2" BOLT, HOT DIPPED GALVANIZED	24D	1B12S05
378	62-2	NUTSL 003	SQUARE LOCK NUT FOR 5/8" BOLT, HOT DIPPED GALVANIZED	60D	1B12S05
379	62-3	NUTSL 004	SQUARE LOCK NUT FOR 3/4" BOLT, HOT DIPPED GALVANIZED	24D	1P11A04
380	62-4	NUTSL 005	SQUARE LOCK NUT FOR 7/8" BOLT, HOT DIPPED GALVANIZED	40D	1B15N08
381	62-5	NUTSL 006	SQUARE LOCK NUT FOR 1" BOLT, HOT DIPPED GALVANIZED	106D	1B15N08
382	63-1	NUTTE 001	NUT, THIMBLE EYE 5/8" HOT DIPPED GALVANIZED	24D	1P11H02
383	63-2	NUTTE 002	NUT, THIMBLE EYE 3/4" HOT DIPPED GALVANIZED	58D	1P11H03
384	63-3	NUTTE 003	NUT, TWIN THIMBLE EYE 3/4" HOT DIPPED GALVANIZED	58D	1P11H03
385	63-4	NUTTE 004	NUT, THIMBLE EYE 7/8" HOT DIPPED GALVANIZED	157D	1B15O02
386	64-1	PLACR 001	PLATE, CROSSARM REINFORCING, STANDARD BOLT SIZE 3/4"	52D	1B13U05
387	83-1	RODAR 005	ROD, ARMOR, 556 ACSR - 636 AAC, 80"	24D	1P20T04

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MATERIALS

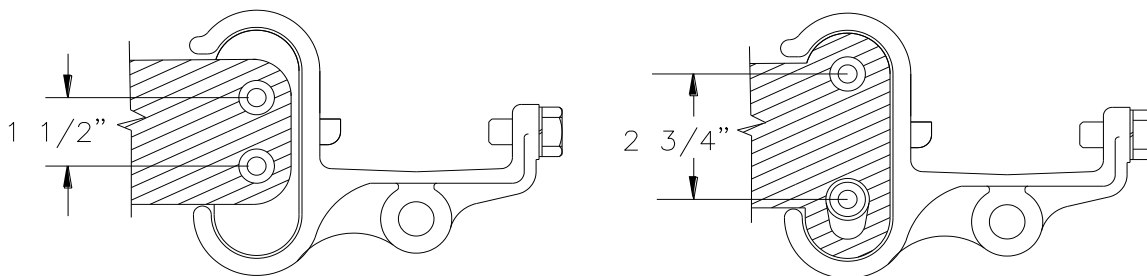
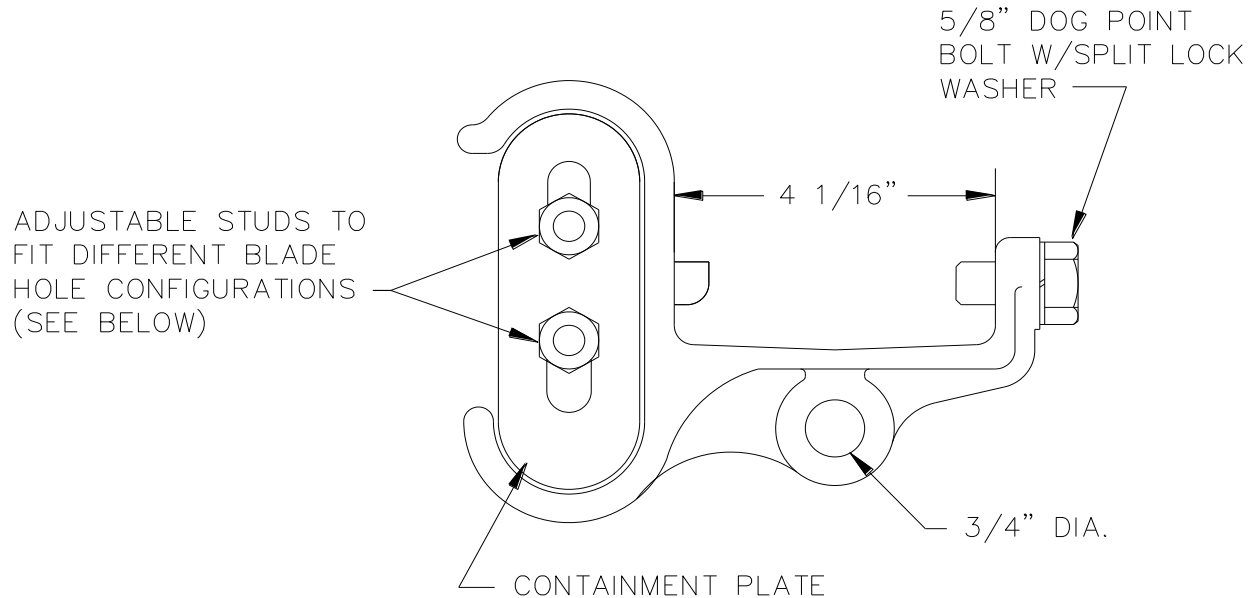
		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
388	83-2	RODAR 006	ROD, ARMOR, 954 AAC, 100"	192D	1P18S05
389	83-3	RODAR 007	ROD, ARMOR, 954 ACSR, 100"	182D	1P18S03
390	83-4	RODAR 008	ROD, ARMOR, 1590 ACSR, 100"	175D	1P18S04
391	65-1	RODGR 003	ROD, GROUND, THREADLESS, 5/8" X 8'	31D	1Y06
392	66-1	SCWCA 113	STAINLESS STEEL BOLT, 1/2" X 2" - ITEM FOUND IN MAXIMO		
393	66-2	SCWCA 114	STAINLESS STEEL BOLT, 1/2" X 2 1/2" - ITEM FOUND IN MAXIMO		
394	67-1	SHAAN 001	SHACKLE, ANCHOR, 5/8", 25,000#, GALV.	100D	1B15P01
395	67-2	SHAAN 002	SHACKLE, ANCHOR, 3/4", 35,000#, GALV.	71D	1B15P02
396	67-3	SHAAN 003	SHACKLE, ANCHOR, 3/4", 50,000#, GALV.	150D	1B15P01
397	67-4	SHAAN 004	SHACKLE, ANCHOR, 3/4", 60,000#, GALV.	52D	1B15P01
398	68-1	SLEAJ 003	ALUMINUM SLEEVE JUMPER FOR 556.5ACSR, 24/7, COMPRESSION SPLICE, NON-TENSION ONLY, PREFILLED WITH INHIBITOR	136D	1B13W01
399	68-2	SLEAJ 004	SLEEVE, 652.4 AAAC, 19, ALUMINUM JUMPER, COMPRESSION SPLICE, NON-TENSION ONLY	136D	1B13W01
400	68-3	SLEAJ 005	ALUMINUM SLEEVE JUMPER FOR 954 ACSR 54/7, COMPRESSION SPLICE, NON-TENSION ONLY, PREFILLED WITH INHIBITOR	66D	1B13V01
401	68-4	SLEAJ 006	ALUMINUM SLEEVE JUMPER FOR 954 AAC 61, COMPRESSION SPLICE, NON-TENSION ONLY, PREFILLED WITH INHIBITOR	178D	1B13V02
402	68-5	SLEAJ 007	ALUMINUM SLEEVE JUMPER FOR 1590 ACSR 54/19, COMPRESSION SPLICE, NON-TENSION ONLY, PREFILLED WITH INHIBITOR	155D	1B13U01
403	84-1	SLEFT 008	SLEEVE, 636 37-STR AAC, FULL-TENSION ALUMINUM, COMPRESSION TYPE	171D	1B12N03
404	84-2	SLEFT 010	SLEEVE, 556.5 ACSR 24/7, FULL-TENSION ALUMINUM, COMPRESSION TYPE TO INCLUDE THE SLEEVE AND INSERT	24D	1B12N05
405	84-3	SLEFT 011	SLEEVE, 652.4 AAAC 19, FULL-TENSION ALUMINUM, COMPRESSION TYPE	24D	1B12O01
406	84-4	SLEFT 012	SLEEVE, 954.0 AAC 61, FULL-TENSION ALUMINUM, COMPRESSION TYPE	24D	1B13U02
407	84-5	SLEFT 013	SLEEVE, 954.0 ACSR 54/7, FULL-TENSION ALUMINUM, COMPRESSION TYPE, NOTE THAT ALL ACSR SPLICES HAVE ALUMINUM AND STEEL SLEEVES.	24D	1B13U03
408	84-6	SLEFT 014	SLEEVE, 1590 ACSR 54/19, FULL-TENSION ALUMINUM, COMPRESSION TYPE, NOTE THAT ACSR SLEEVES COME WITH ALUMINUM AND STEEL SLEEVES	164D	1P20U01
409	84-7	SLEFT 015	SLEEVE, 954 SSAC, FULL-TENSION ALUMINUM, COMPRESSION TYPE "CARDINAL"	96D	1P20U01
410	84-8	SLEFT 016	SLEEVE, FULL-TENSION FOR EHS 3/8" STEEL SHIELD WIRE	56D	1B12O01
411	84-9	SLEFT 017	SLEEVE, FULL-TENSION FOR 1192KCM ALUM. TO 636KCM ALUM. CONNECTOR RATED FOR 636KCM COND.	70D	1B13U04
412	84-10	SLEFT 020	SLEEVE, COMPRESSION, FULL-TENSION FOR 2500 AAC CONDUCTOR.	42D	1B13U05
413	84-11	SLEFT 021	SLEEVE, FULL TENSION, 3/0-4/0, COMPRESSION SPLICE FOR COPPER & COPPERWELD CONDUCTOR. VERSACRIMP TOOL VC6 OR VC7 REQUIRED.	42D	1B13U04
414		SLERE 001	SLEEVE, 336 AAC 19-STR., REPAIR		1B.12.002
415		SLERE 002	SLEEVE, 477 26/7 STR. - 636 26/7 STR., REPAIR FOR AAC, ACSR, AAAC		1B.15.P03
416		SLERE 003	SLEEVE, 954 AAC 61-STR., REPAIR		1B.15.R03
417		SLERE 004	SLEEVE, 954 ACSR 54/7-STR., REPAIR		1P.05.H02
418		SLERE 005	SLEEVE, 1590 ACSR 54/19-STR., REPAIR		1B.15.P05
419		SLERE 006	SLEEVE, 954 ACSS, REPAIR - COMPRESSION "CARDINAL"		1B.23.002
420		SLESW 001	SLEEVE, 3#7-CW SHIELD WIRE, FULL-TENSION	137D	1B15Q03
421		SLESW 002	SLEEVE, 3#6-CW SHIELD WIRE, FULL-TENSION	52D	1B15Q03
422		SLESW 003	SLEEVE, 7#10-AW SHIELD WIRE, FULL-TENSION	139D	1B15Q04
423		SLESW 004	SLEEVE, 3#6-AW SHIELD WIRE, FULL-TENSION	143D	1B15Q04
424	69-1	SOCEY 001	SOCKET, EYE, 52-5 NEMA, FORGED STEEL GALVANIZED, BETHEA NATIONAL P/N SEL-687	153D	1B15Q05
425	69-2	SOCEY 003	SOCKET - EYE, STRENGTH = 25,000#, L = 2 5/16", EYE = 13/16", FORGED STEEL, GALVANIZED	40D	1B15Q05
426	69-3	SOCEY 004	SOCKET, EYE, 52-3 & 4 NEMA, FORGED STEEL GALVANIZED, LAPP P/N 36912	124D	1B15R01
427	69-4	SOCEY 005	SOCKET, EYE, 52-8 NEMA, FORGED STEEL GALVANIZED	150D	1B15R02
428	69-5	SOCEY 006	SOCKET, EYE, 52-3 & 4 NEMA, FORGED STEEL GALVANIZED, CHANCE P/N C904-0090	290D	1B15R03
429	69-6	SOCEY 007	SOCKET, EYE, 52-8/11, DUCTILE IRON, GALVANIZED. FOR 954 AND 1590 CONDUCTOR HARDWARE; 1 1/16 EYE THICKNESS AND HOLE DIAMETER.	280D	1B15R05
430	70-1	STAPL 002	STAPLE, COPPERWELD, 3/8" X 1-1/2" 50-POUND BOX	72D	1P11G01
431	70-2	STAPL 003	STAPLE, COPPERWELD, 1/2" X 2" TO ATTACH GROUND WIRE MOLDING TO POLE 50-POUND BOX	60D	1P11G01
432	71-1	SUPSH 001	SUPPORT, SHIELD WIRE, GALVANIZED,	134D	1Y04
433	86-	TAGHO XXX	TAG HOLDER, TRANSMISSION POLES,		
434	92-	TAGRT XXX	TAG, NUMBER X, 5"W X 7"H FOR TRANSMISSION POLES. 3M ENGINEERING GRADE YELLOW REFLECTIVE SHEETING WITH 3M OPAQUE BLACK BACKGROUND INK, 25 PIECES PER RE-SEALABLE CLEAR POLY BAG 001 - 013		

		ITEM ID	GENERAL DESCRIPTION	LEAD TIME	BIN
435	82-1	TEECO 001	TEE TAP CONNECTOR FOR 954 ACSR	68D	1B15S03
436	82-2	TEECO 002	TEE TAP CONNECTOR FOR 1590 ACSR	68D	1B15S04
437	72-1	TEEDE 001	TEE, A36 STEEL, CONCRETE POLE APPLICATION - DEADEND AND GUYING, H.D.G. 6" B.H.S., 1 1/4" HOLE ATTACHMENT	155D	1P20T05
438	72-2	TEEDE 002	TEE, MALLEABLE IRON, FOR WOOD POLE APPLICATION DEADEND AND GUYING, H.D.G., 6" B.H.S.,	73D	1P20U02
439	72-3	TEEDE 003	TEE, DUCTILE IRON, CONCRETE POLE APPLICATION - DEADEND AND GUYING, H.D.G., 6" B.H.S., 1 1/16 HOLE ATTACHMENT	42D	1P20U04
440	72-4	TEEDE 005	TEE, ASTM A36 STEEL, FOR CONCRETE POLE APPLICATION, H.D.G., 6" B.H.S., HORIZONTAL ATTACHMENT HOLE	50D	1Y04
441	73-1	THIEY 001	THIMBLE EYELET, 3/4", MALLEABLE IRON, HOT DIPPED, GALVANIZED	120D	1B12T04
442	73-2	THIEY 002	THIMBLE EYE, TWIN, 1" DIAMETER	100D	1B16M05
443	74-1	WASBA 500	BELLEVILLE SPRING WASHER FOR 1/2" BOLT, 301 SS ***NO SUBSTITUTE*** KEY BELLEVILLE P/N K1063-E-109-S	51D	1B06C09
444	75-1	WASFG 500	FLAT ROUND WASHER FOR 1/2" BOLT, 316 SS ** STD PKG 100 EACH **	43D	1B06C11
445	76-1	WASRD 001	WASHER, ROUND, 1/2" BOLT SIZE, BRONZE - TIN PLATED, 1-1/4" OD	49D	1B12U03
446	76-2	WASRD 002	WASHER, ROUND, 3/8" BOLT SIZE X 1" DIA, GALVANIZED	76D	1B12U03
447	76-3	WASRD 003	ROUND WASHER FOR 1/2" BOLT, 1 3/8" DIAMETER, GALVANIZED	52D	1B12U04
448	76-4	WASRD 004	ROUND WASHER FOR 5/8" BOLT, 1 3/4" DIAMETER, GALVANIZED	40D	1P11J02
449	76-5	WASRD 005	ROUND WASHER FOR 3/4" BOLT, 2" DIAMETER, GALVANIZED	52D	1P11J03
450	76-6	WASRD 006	ROUND WASHER FOR 7/8" BOLT, 2 1/2" DIAMETER, GALVANIZED	62D	1P20U02
451	76-7	WASRD 007	ROUND WASHER FOR 1" BOLT, 2 1/2" DIAMETER, GALVANIZED	66D	1B15T02
452	77-1	WASSC 001	SQUARE CURVED WASHER FOR 5/8" OR 3/4" BOLTS, RIBBED MALLEABLE IRON-GALVANIZED, 4" X 4" SIZE	134D	1P20U04
453	77-2	WASSC 002	SQUARE CURVED WASHER FOR 7/8" BOLTS, RIBBED MALLEABLE IRON-GALVANIZED, 4" X 4" SIZE	52D	1P20U05
454	77-3	WASSC 003	SQUARE CURVED WASHER FOR 1" BOLTS, RIBBED MALLEABLE IRON-GALVANIZED, 4" X 4" SIZE	37D	1B15T02
455	78-1	WASSF 001	WASHER, SQUARE FLAT, 2" SQ X 1/8", 1/2" BOLT SIZE, GALVANIZED	38D	1P10J01
456	78-2	WASSF 002	WASHER, SQUARE FLAT, 2 1/4" SQ X 3/16", 5/8" BOLT SIZE, GALVANIZED	41D	1P10J01
457	78-3	WASSF 003	WASHER, SQUARE FLAT, 3" SQ X 1/4", 5/8" X 3/4" BOLT SIZE, GALVANIZED	37D	1P11J04
458	78-4	WASSF 004	SQUARE FLAT WASHER FOR 3/4" & 7/8" BOLT, 4" SQ X 1/4", GALVANIZED	80D	1P20U05
459	78-5	WASSF 005	WASHER, SQUARE FLAT, 4" SQ X 1/2", 1" BOLT SIZE, GALVANIZED	123D	1P20U03
460	79-1	WASSP 001	WASHER, SPRING, 5/8" BOLT SIZE, DOUBLE COIL HELICAL TYPE, GALVANIZED	37D	1B12T02
461	79-2	WASSP 002	WASHER, SPRING, 3/4" BOLT SIZE, DOUBLE COIL HELICAL TYPE, GALVANIZED (EXTRA HEAVY DUTY)	68D	1P10J04
462	79-3	WASSP 003	WASHER, SPRING, 1/2" BOLT SIZE, LEAF TYPE, GALVANIZED	157D	1B12T03
463	79-4	WASSP 004	WASHER, SPRING, 5/8"		
464	79-5	WASSP 005	WASHER, SPRING, 3/4"		
465	79-6	WASSP 006	WASHER, SPRING, 7/8" BOLT SIZE, LEAF TYPE, GALVANIZED	178D	1B18W03
466	80-1	YOKPL 001	YOKE PLATE, SUSPENSION, VEE STRING TYPE, 8" INSULATOR SPACING, 30000#, GALVANIZED, 15/16" HOLE DIA	179D	1B15T03
467	80-3	YOKPL 003	YOKE PLATE, SUSPENSION, TRIANGULAR STRAIN, 16" INSULATOR SPACING, 40000#, GALVANIZED, 15/16" HOLE DIA	200D	1B15T04
468	80-4	YOKPL 004	YOKE PLATE, SUSPENSION, TRIANGULAR STRAIN, 13" INSULATOR SPACING, 60000#, GALVANIZED, 15/16" HOLE DIA	52D	1B15T05
469	80-5	YOKPL 005	YOKE PLATE, SUSPENSION, TRIANGULAR STRAIN, 18" INSULATOR SPACING, 60000#, GALVANIZED, 15/16" HOLE DIA	52D	1B15T05

DRAWINGS

ADPCT 001

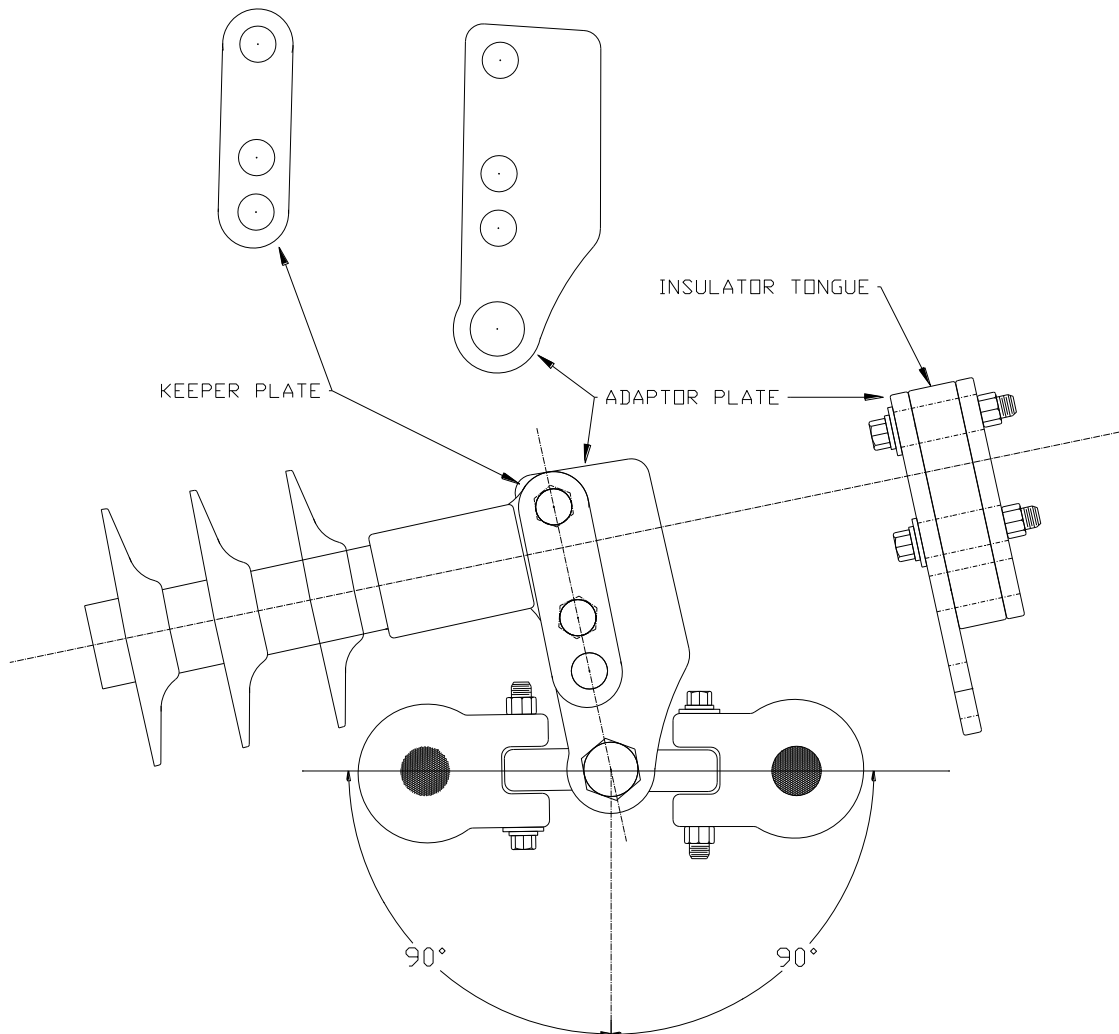
GENERAL DESCRIPTION : TRUNNION ADAPTER FOR O.B, LAPP, AND RELIABLE 2 ½" DIAMETER POLYMER POST INSULATORS (69KV AND 138KV). CONVERTS 2-HOLE BLADE TO TOP POST CLAMP. MATERIAL IS ALUMINUM ALLOY, HARDWARE IS H.D.G, RATED STRENGTH = 2,800 LBS.



NOTE: THIS ADAPTER WILL NOT WORK WITH 230KV INSULATORS BECAUSE OF A LARGER DIAMETER POST. A TRUNNION CLAMP TYPICALLY HAS A RATING OF 5000 LBS. A 3.5" DIAMETER INSULATOR IS USED FOR HEAVIER LOAD APPLICATIONS SO ATTACHING A TRUNNION IS NOT COMMON

ADPPI 001

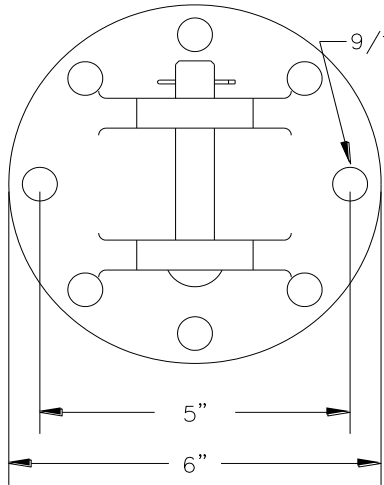
GENERAL DESCRIPTION: ADAPTER PLATE, HORIZONTAL LINE POST, USED ON ANGLED LINES TO PREVENT CONDUCTOR FROM CONTACTING INSULATOR SHEDS.



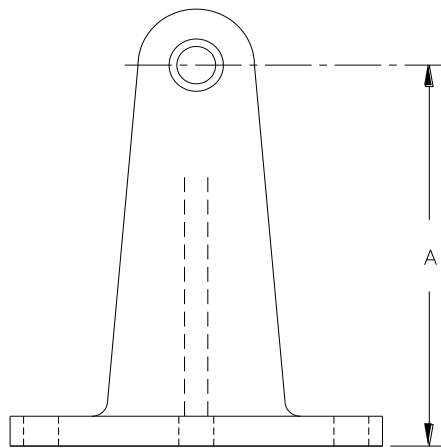
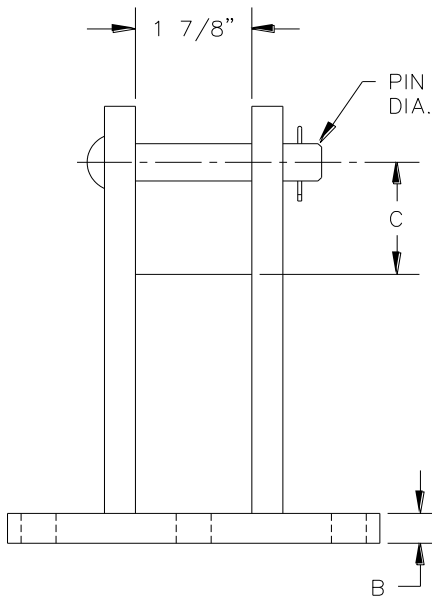
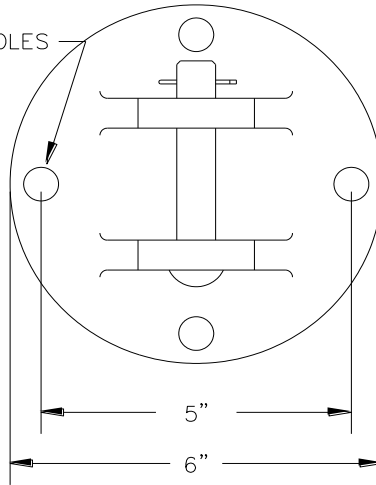
ADPSI 001 - 002 (MAINTENANCE ONLY)

GENERAL DESCRIPTION: ADAPTER, HORIZONTAL VEE INSULATOR STRUT,

001 - COLD END



002 - HOT END



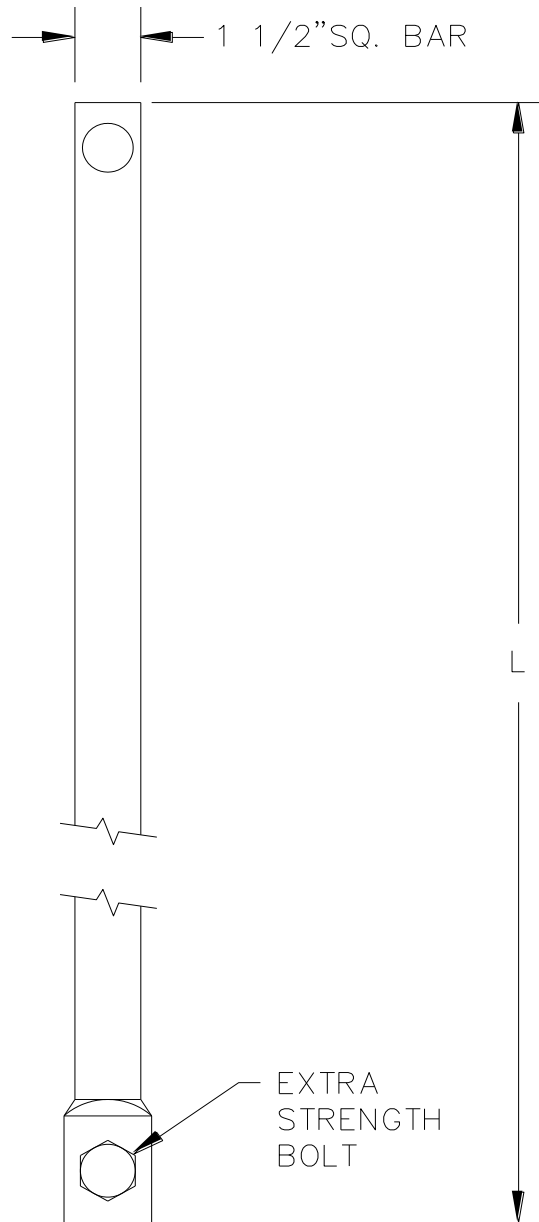
ITEM SPECIFICATION

ITEM	A	B	C	PIN DIA.
001	2 1/2"	3/8"	1 3/4"	3/4"
002	6 3/8"	1/2"	1 7/8"	5/8"

FOR USE WITH INSST 004-010. INCLUDES LAPP BOLT KIT J-097535.

ANCEX 002 - 003

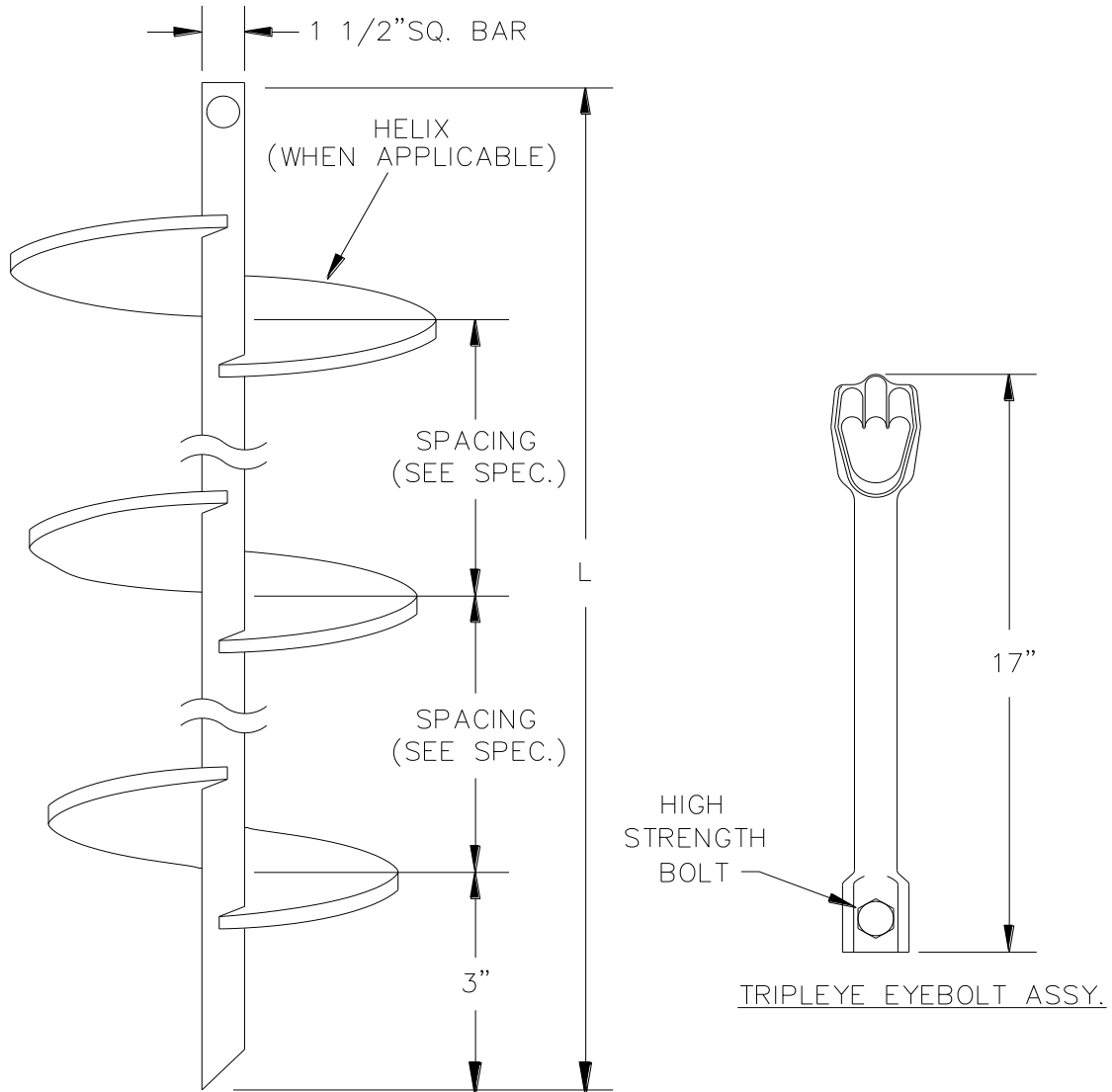
GENERAL DESCRIPTION: ANCHOR EXTENSION, HOT DIPPED GALVANIZED WITH HIGH STRENGTH BOLT.



NOTE: L = 42" FOR ANCEX002
L = 60" FOR ANCEX003

ANCMS 002 - 003

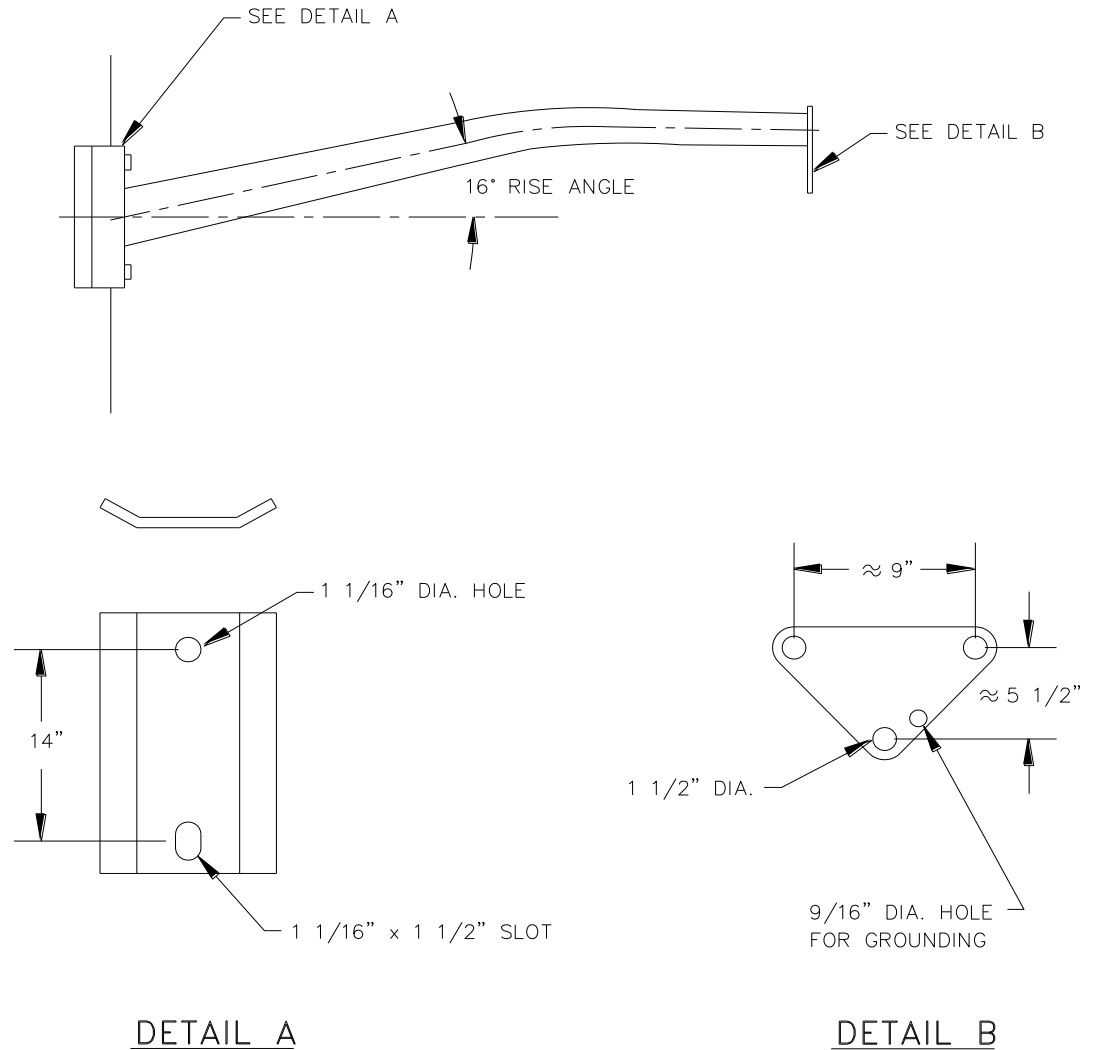
GENERAL DESCRIPTION: MULTI-HELIX SCREW ANCHOR, 1 1/2" SQUARE SHAFT, WITH TRIPLEYE GUY ADAPTER, HOT DIPPED GALVANIZED.



ITEM	L	HELIXES	SPACING
002	60"	10" & 12"	48"
003	90"	10", 12", & 14"	36"

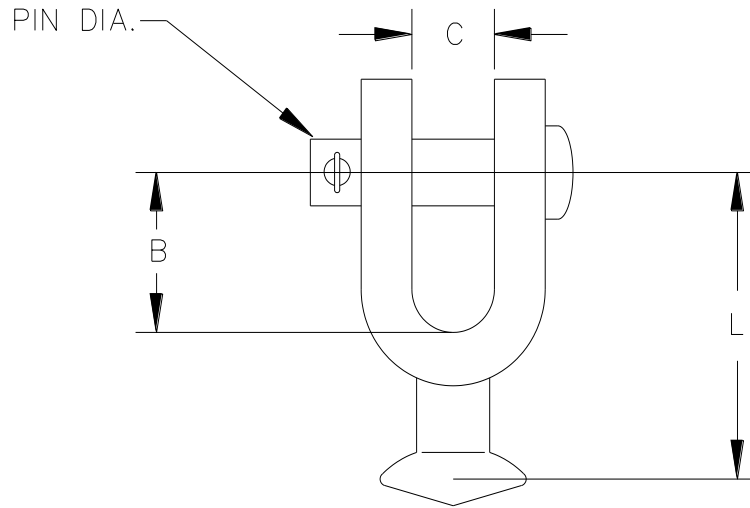
ARMST 012

GENERAL DESCRIPTION: 6.5' DAVIT ARM FOR SHIELD WIRE, HOT DIPPED GALVANIZED



BALFI 001, 003

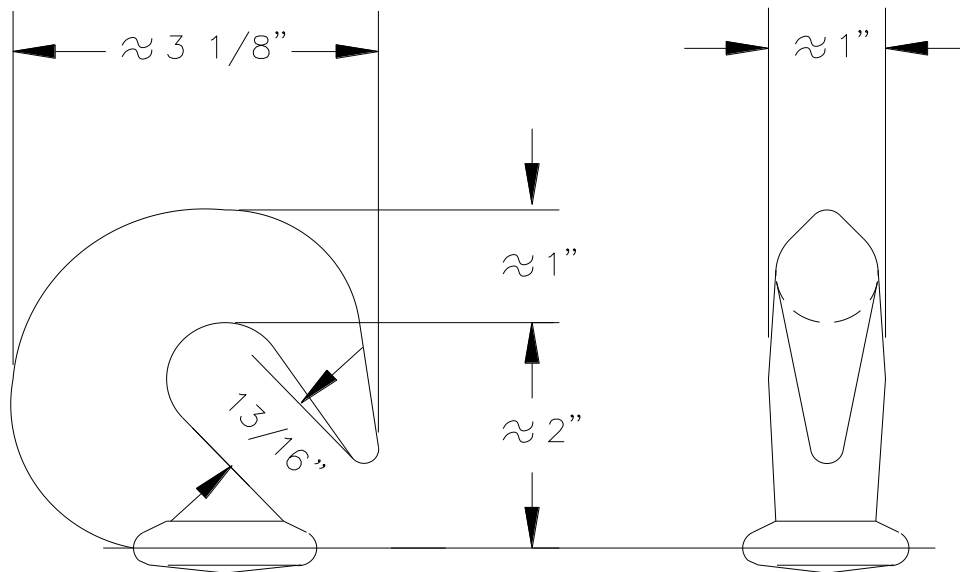
GENERAL DESCRIPTION: BALL-CLEVIS, HOT DIPPED GALVANIZED, COTTER PIN IS STAINLESS STEEL.



ITEM	STRENGTH	L	B	C	PIN DIA.	CLASS
001	30,000 LBS	3"	1 1/2"	7/8"	5/8"	52-3/5
003	50,000 LBS	4 3/16"	2"	1"	7/8"	52-8/11

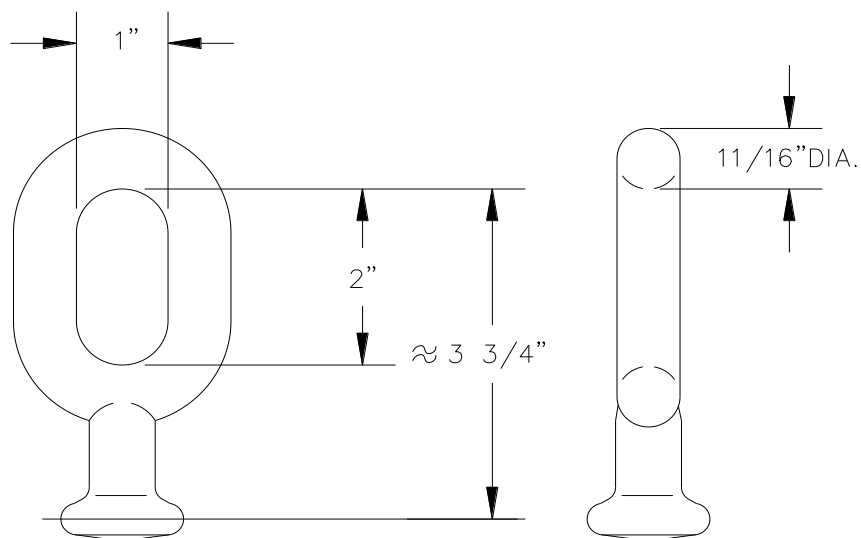
BALFI 004

GENERAL DESCRIPTION: BALL-HOOK, SELF LOCKING TYPE, HOT DIPPED GALVANIZED. ANSI CLASS 52-3/5, ULTIMATE STRENGTH = 30,000LBS.



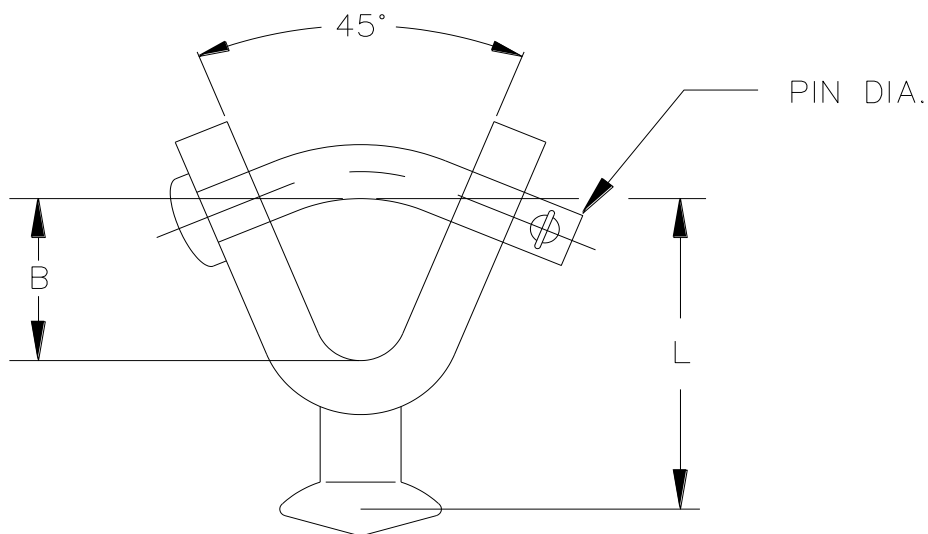
BALFI 005

GENERAL DESCRIPTION: BALL-EYE, HOT DIPPED GALVANIZED. ANSI CLASS 52-3/5, ULTIMATE STRENGTH = 30,000LBS.



BALFI 007 - 008

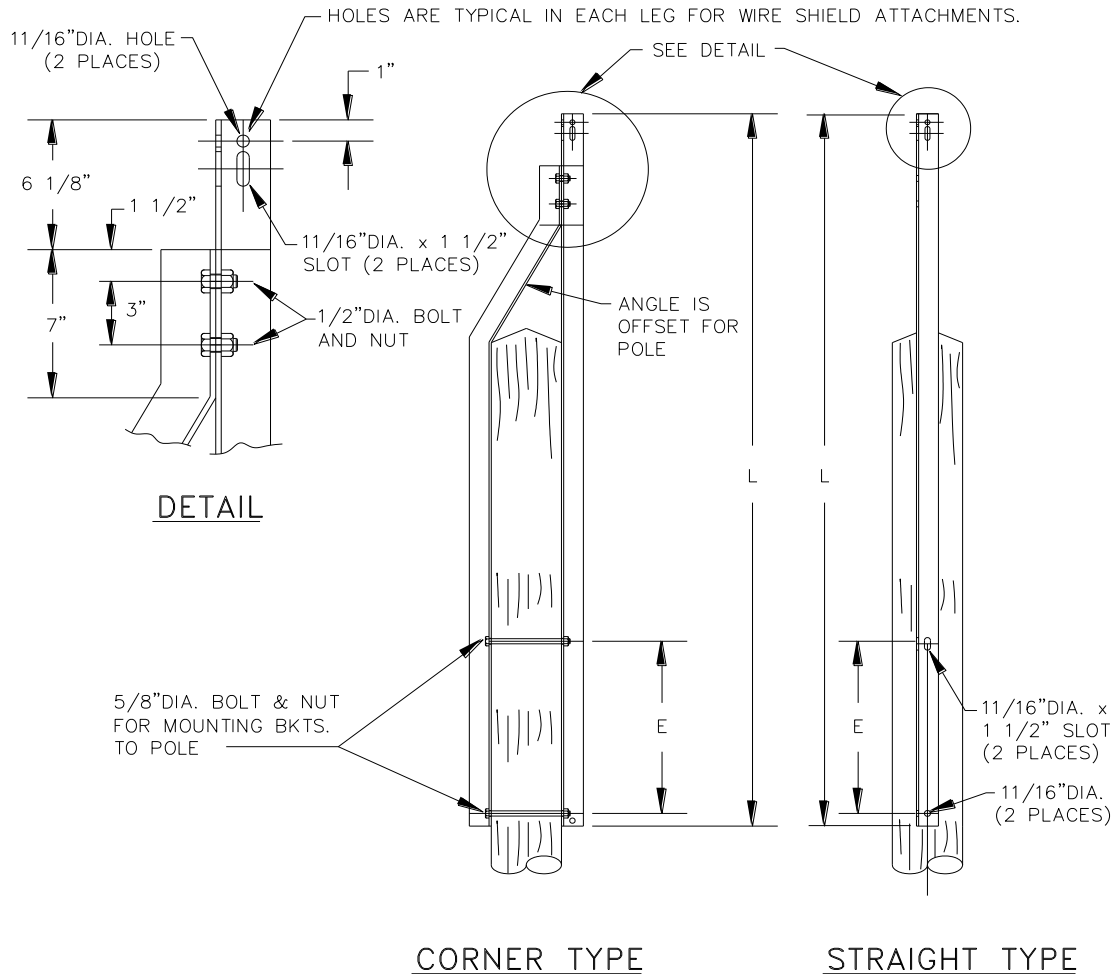
GENERAL DESCRIPTION: BALL Y-CLEVIS, HOT DIPPED GALVANIZED, COTTER PIN IS STAINLESS STEEL.



ITEM	STRENGTH	L	B	PIN DIA.	CLASS
007	30,000 LBS	3"	1 1/2"	3/4"	52-3/5
008	50,000 LBS	4 3/16"	1 3/4"	7/8"	52-8/11

BAYSW 002 - 005

GENERAL DESCRIPTION: BAYONET FOR SHIELD WIRE, A-36 STEEL ANGLE, HOT DIPPED GALVANIZED

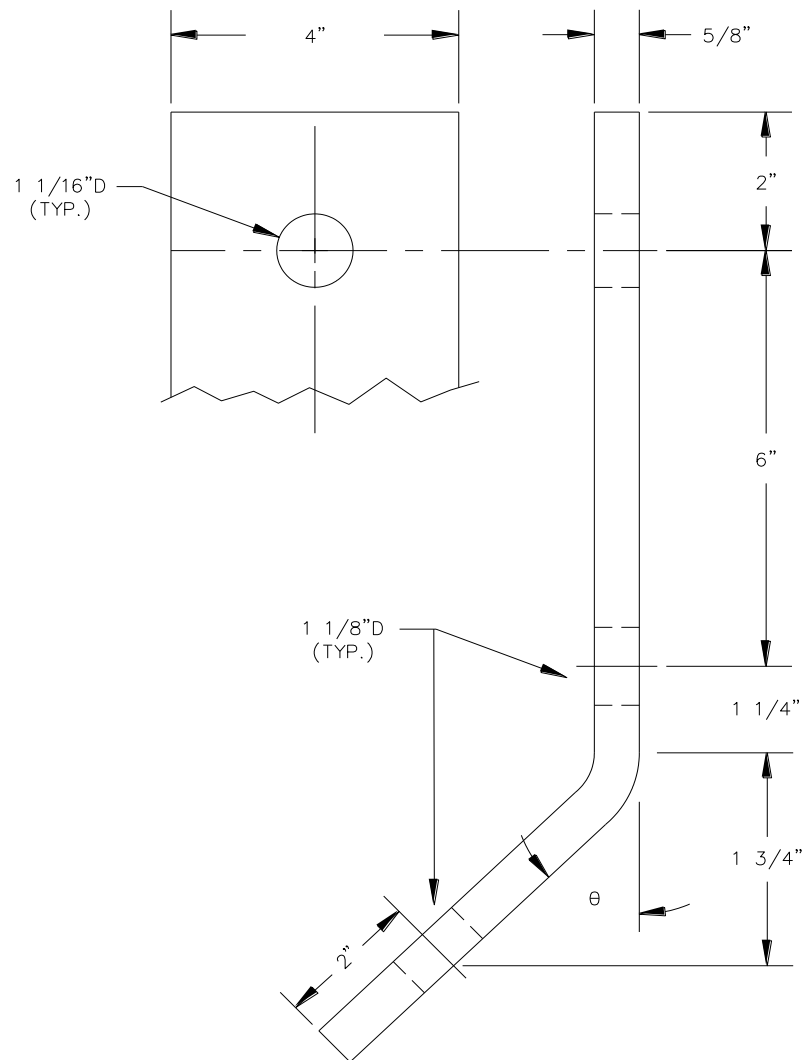


ITEM	TYPE	ANGLE SIZE	L	E
002	CORNER	2 1/2" x 2 1/2" x 1/4"	84"	20"
003	CORNER	3" x 3" x 1/4"	40"	10"
004	STRAIGHT	2" x 2" x 1/4"	40"	10"
005*	STRAIGHT	3" x 3" x 1/4"	84"	20"

* INACTIVATED ITEM

BKTLP 001 - 002

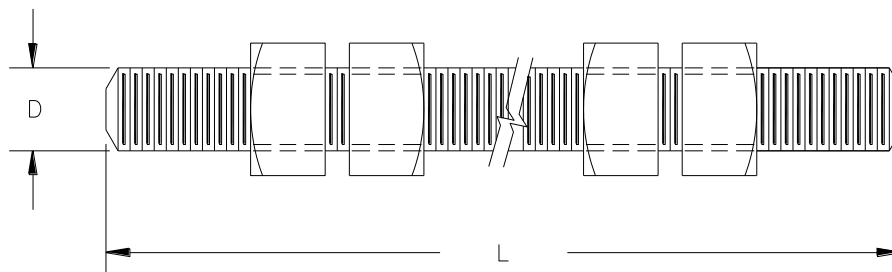
GENERAL DESCRIPTION: BRACKET, BRACED LINE POST INSULATOR. MATERIAL IS HOT DIPPED GALVANIZED.



ITEM	001	002
ANGLE	46°	53°

BOLDA 018 - 046

GENERAL DESCRIPTION: BOLT, DOUBLE ARMING, ROLL THREADED FULL LENGTH, WITH CONE POINTS AT BOTH ENDS AND 4 SQUARE NUTS ATTACHED. HIGH STRENGTH, HOT DIPPED GALVANIZED

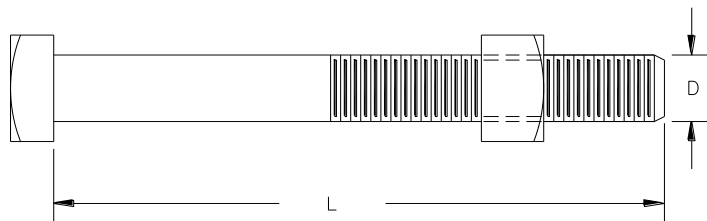


ITEM	018	019	020	021	022	023	024	025	026	027	028	029	030	031	032
D	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "
L	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	14"	16"	18"

ITEM	033	034	035	036	037	038	039	040	041	042	043	044	045	046
D	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "
L	20"	22"	24"	30"	32"	34"	36"	38"	28"	26"	40"	42"	44"	46"

BOLMS 015 - 076

GENERAL DESCRIPTION: BOLT, MACHINE, SQUARE HEAD, HOT DIPPED GALVANIZED, WITH SQUARE NUT ATTACHED. MANUFACTURED IN ACCORDANCE WITH ASTM A-153 FOR ZINC COATINGS.



ITEM	015	016	017	018	019	020	021	022	023	024	025	026	027	028	029
D	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
L	2"	3"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	2"

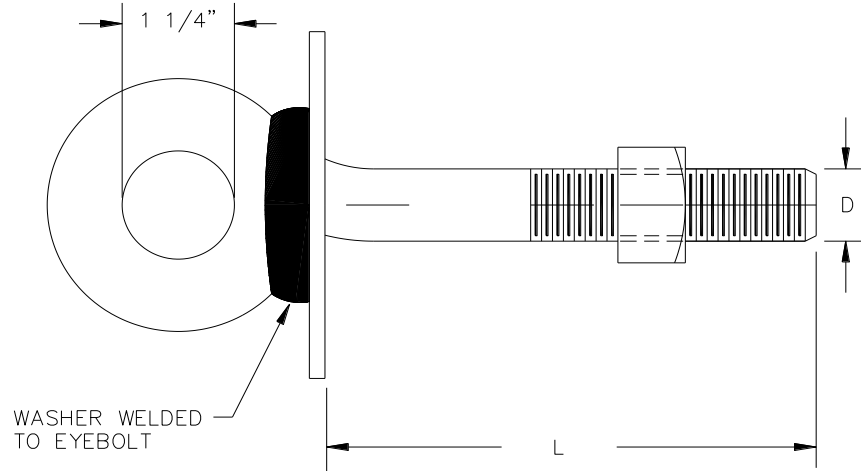
ITEM	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044
D	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "
L	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	32"

ITEM	045	046	047	048	049	050	051	052	053	054	055	057	058	059
D	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	1"	1"	1"
L	3"	4 1/2"	12"	14"	16"	18"	20"	22"	24"	26"	28"	12"	14"	16"

ITEM	060	061	062	063	064	065	070	071	072	073	074	075	076
D	1"	1"	1"	1"	1"	1"	1"	1"	1"	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "
L	18"	20"	22"	24"	26"	34"	28"	30"	32"	30"	32"	36"	38"

BOLSE 001 - 025

GENERAL DESCRIPTION: BOLT, SHOULDER EYE, HOT DIPPED GALVANIZED, WITH SQUARE NUT ATTACHED. .

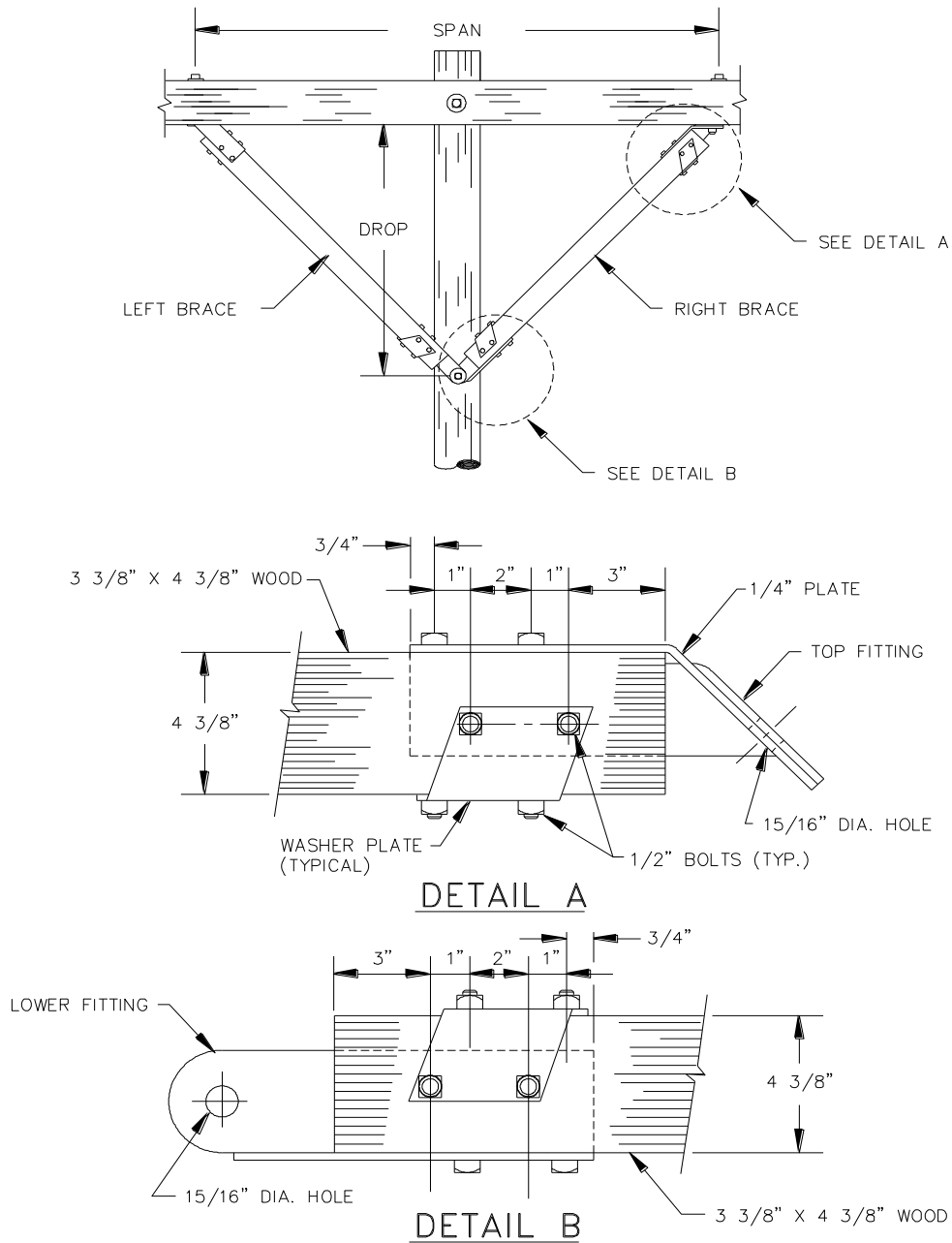


ITEM	001	002	003	004	005	006	007	008	009	010	011	012	013
D	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "
L	6"	8"	10"	12"	14"	16"	18"	8"	10"	12"	14"	16"	18"

ITEM	014	015	016	017	018	019	020	021	022	023	024	025
D	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "
L	20"	22"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"

BRCCF 001 - 004

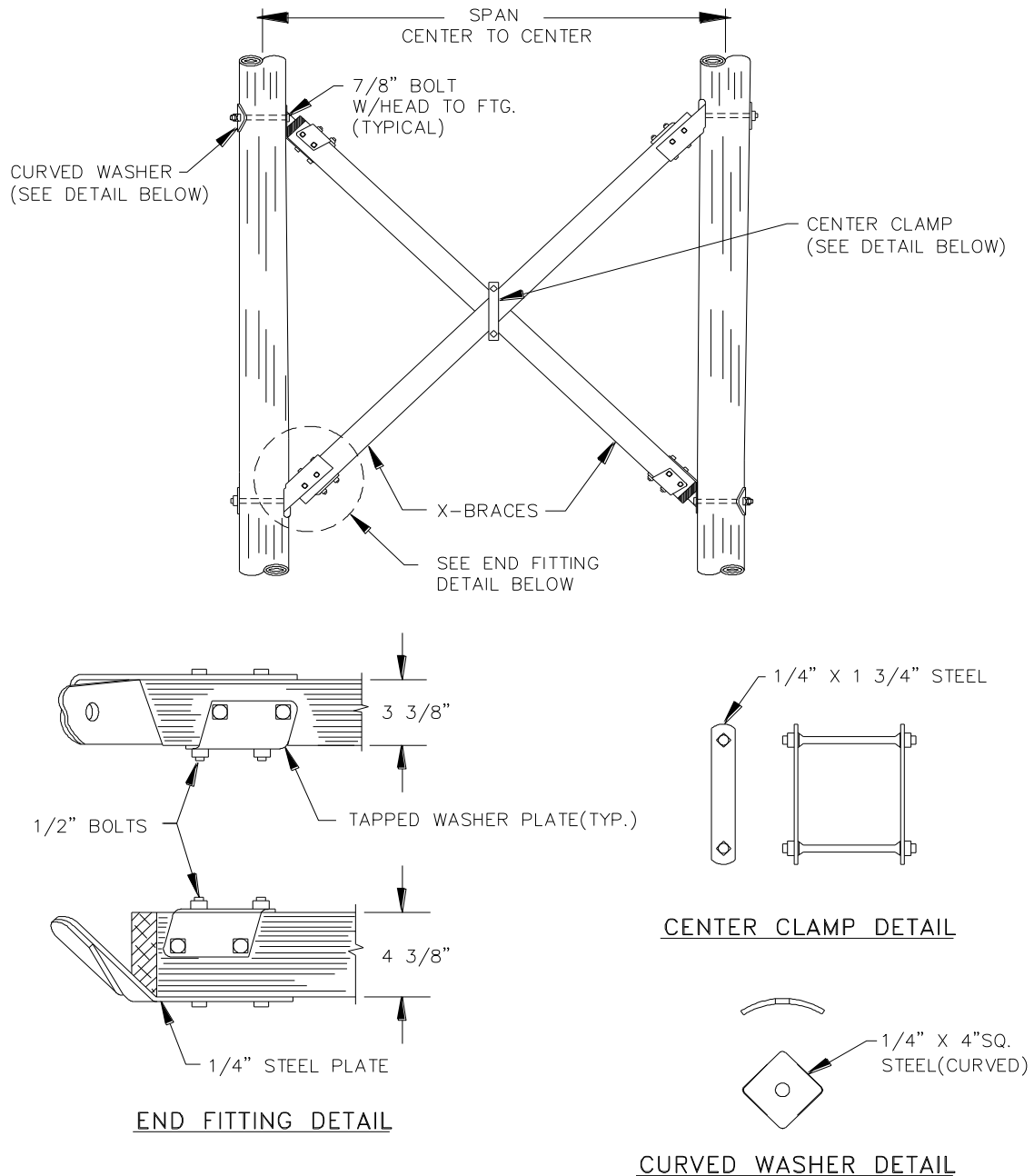
GENERAL DESCRIPTION: CROSSARM BRACE, PAIR, $3\frac{3}{8}$ " X $4\frac{3}{8}$ " FIR WITH GALVANIZED END FITTINGS, PENTA TREATED



ITEM	001	002	003	004
SPAN	9' 0"	10' 6"	14' 0"	19' 0"
DROP	3' 0"	3' 6"	4' 6"	6' 10"

BRCCX 001/002/004/005

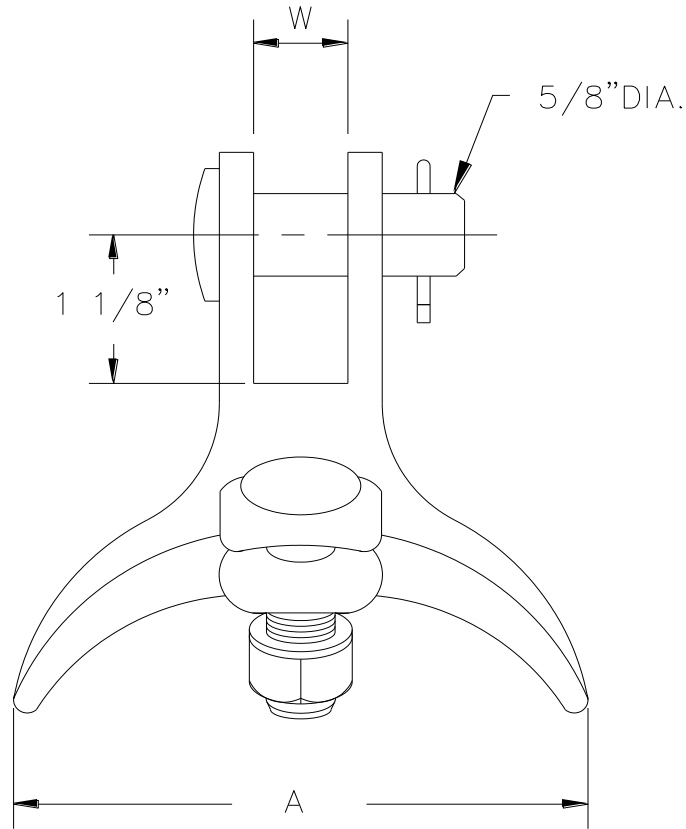
GENERAL DESCRIPTION: WOOD (FIR) X BRACE, 3 3/8 X 4 3/8, FITTINGS AND HARDWARE ARE HOT DIPPED GALVANIZED, 20,000LB TENSION RATING



ITEM	001	002	004	005
SPAN	10' 0"	10' 6"	14' 0"	19' 6"

CLAAAN 001 – 002

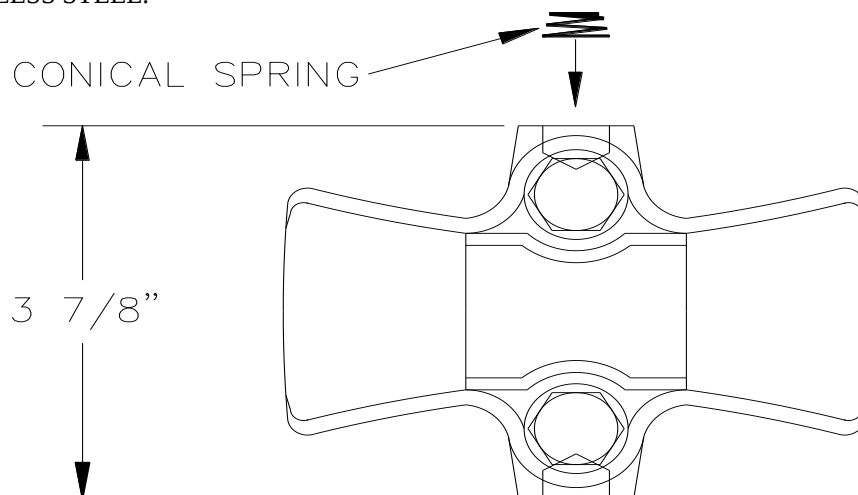
GENERAL DESCRIPTION: CLAMP, SUSPENSION ANGLE, HARDWARE IS HOT DIPPED GALVANIZED, COTTER PIN IS STAINLESS STEEL.



ITEM	CLAMPING RANGE	MATERIAL	ULTIMATE STRENGTH	A	W
001	0.16 – 0.60	DUCTILE IRON GALVANIZED	7,000 LBS	4 ³ / ₁₆ "	¹¹ / ₁₆ "
002	0.16 – 0.75	ALUMINUM	10,000 LBS	4 ¹ / ₂ "	1 ¹ / ₁₆ "

CLACT 001/003 – 006/010 – 012

GENERAL DESCRIPTION: CLAMP, POST INSULATOR, HARDWARE IS HOT DIPPED GALVANIZED, COTTER PIN IS STAINLESS STEEL.



NOTE: THIS DRAWING IS A COMMON DESIGN, HOWEVER, SOME DESIGNS MAY DIFFER IN THE LENGTH AND BOLT HOLE PATTERN. ITEMS 010, 011, 012 ARE ANGLE CLAMPS FOR USE ON LINE ANGLES GREATER THAN 15° BUT LESS THAN 40°.

ITEM	MAT.	CLAMPING RANGE(INCHES)	LENGTH		ITEM	MAT.	CLAMPING RANGE (INCHES)	LENGTH
001	FE	0.25 – 0.56	5 1/4"		006	AL	2.00 – 2.70	8 1/2"
003	AL	0.50 – 1.06	5 1/4"		010	AL	0.50 – 1.06	5 1/4"
004	AL	1.00 – 1.50	5 1/4"		011	AL	1.00 – 1.50	5 1/4"
005	AL	1.50 – 2.00	6 1/2"		012	AL	1.50 – 2.00	6 1/2"

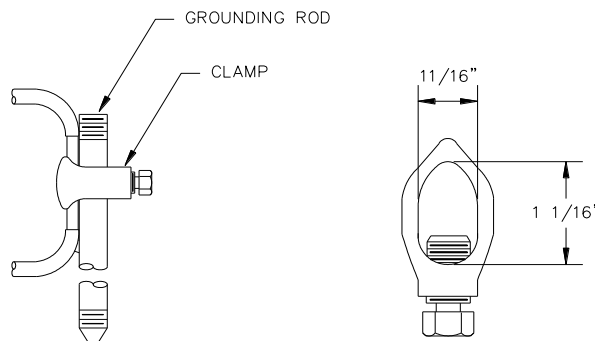
CLAGR 001

GENERAL DESCRIPTION: CLAMP, GROUND ROD, 5/8" - 4SOL "HAMMERLOCK"

CLAGR 002

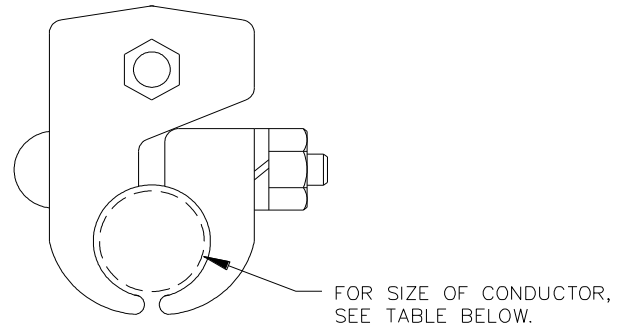
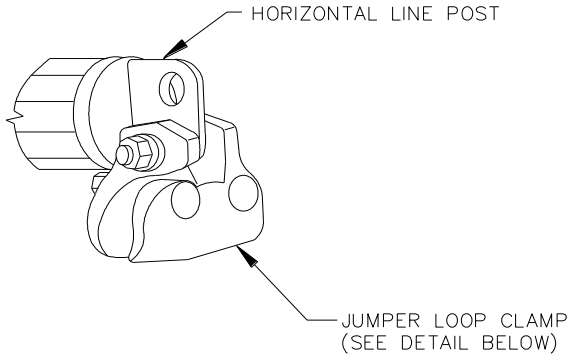
GENERAL DESCRIPTION: CLAMP, GROUND ROD, 5/8", 8 SOL - 1/0 STR. "WEDDING BAND"

** MAINTENANCE ONLY **



CLAJU 001 - 002

GENERAL DESCRIPTION: CLAMP, JUMPER LOOP , USE ON SLACK SPANS ONLY

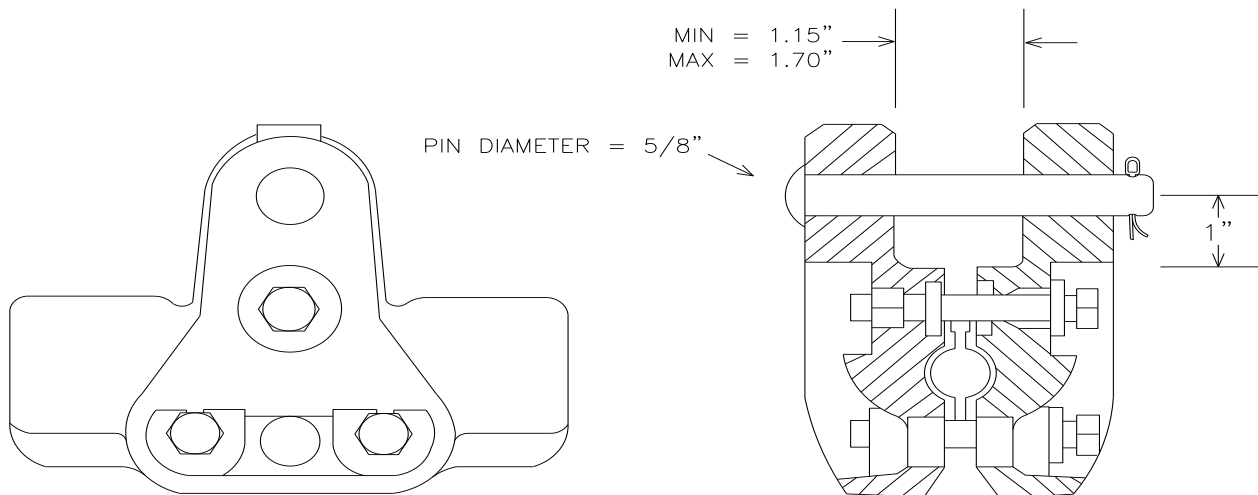


CLAMP DETAIL

ITEM	CONDUCTOR DIAMETER RANGE	CONDUCTOR
001	1.00" – 1.40"	954 AAC 954 ACSR
002	1.40" – 1.55"	1590 ACSR

CLAJU 005 – 008/010

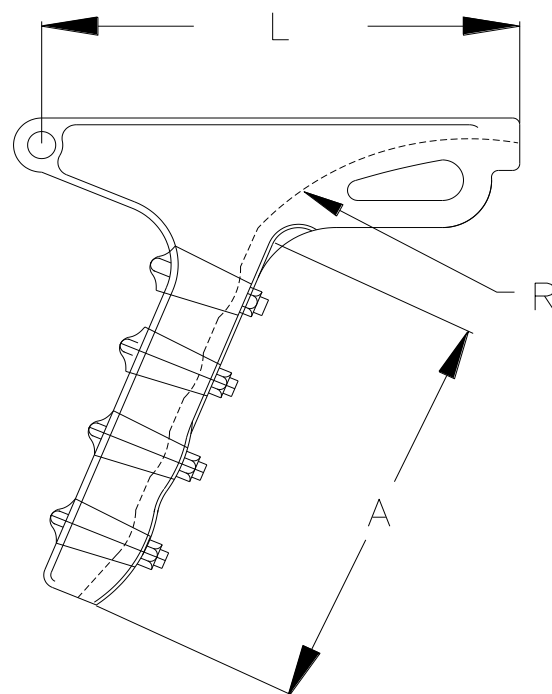
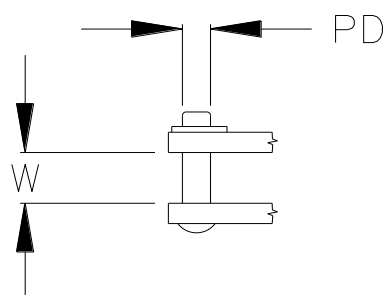
GENERAL DESCRIPTION: CLAMP, CUSHION GRIP JUMPER LOOP



ITEM	005	006	007	008	010
CONDUCTOR	556 ACSR, 652 AAAC	954 AAC	954 ACSR	1590 ACSR	954 ACSS

CLAQD 001/003 – 008/020

GENERAL DESCRIPTION: CLAMP, DEADEND, HOT DIPPED GALVANIZED STEEL BOLTS, NUTS, AND WASHERS

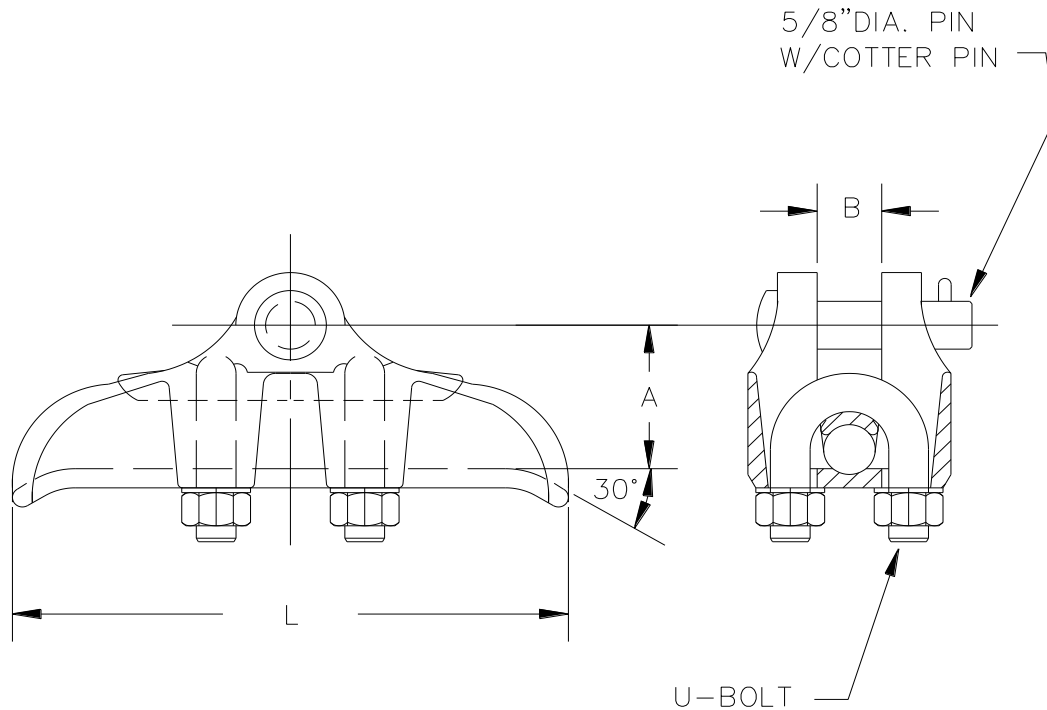


ITEM	L APROX.	A APROX.	W	CLAMPING RANGE	PD RANGE	MATERIAL	ULTIMATE STRENGTH	CONDUCTOR RANGE
001	11 ³ / ₈ "	8 ¹ / ₂ "	1"	.40" - .84"	⁵ / ₈ "	DUCTILE IRON	25,000 LBS	4/0 -500 Cu/Al
003	12 ³ / ₄ "	11 ¹ / ₂ "	1 ¹ / ₄ "	0.58" – 1.02"	⁵ / ₈ " – ³ / ₄ "	ALUMINUM	25,000 LBS	336-652 AAAC
004	12"	9"	1"	.475" - .886"	⁵ / ₈ "	ALUMINUM	23,000 LBS	4/0-556AAC
005	14 ³ / ₈ "	11 ³ / ₄ "	1 ¹ / ₂ "	.710" – 1.318"	⁵ / ₈ " – ³ / ₄ "	ALUMINUM	30,000 LBS	336-1272 ACSR 397-1431 AAC
006	16 ¹ / ₂ "	14 ¹ / ₂ "	1 ⁵ / ₈ "	1.20" – 1.52"	⁵ / ₈ " – ³ / ₄ "	ALUMINUM	30,000 LBS	1033-1510 ACSR 1100-1700 AAC
008	6 ¹ / ₂ "	5"	³ / ₄ "	.20" – .55"	⁵ / ₈ "	DUCTILE IRON	19,000 LBS	3#6 AW
020	18.94"	17.00"	2.38"	1.38" – 2.00"	⁷ / ₈ "	ALUMINUM	60,000 LBS	2500 AAC

NOTE: DIMENSIONS "L" AND "A" MAY VARY SEVERAL INCHES BETWEEN MANUFACTURERS

CLASU 001/002/006 - 009

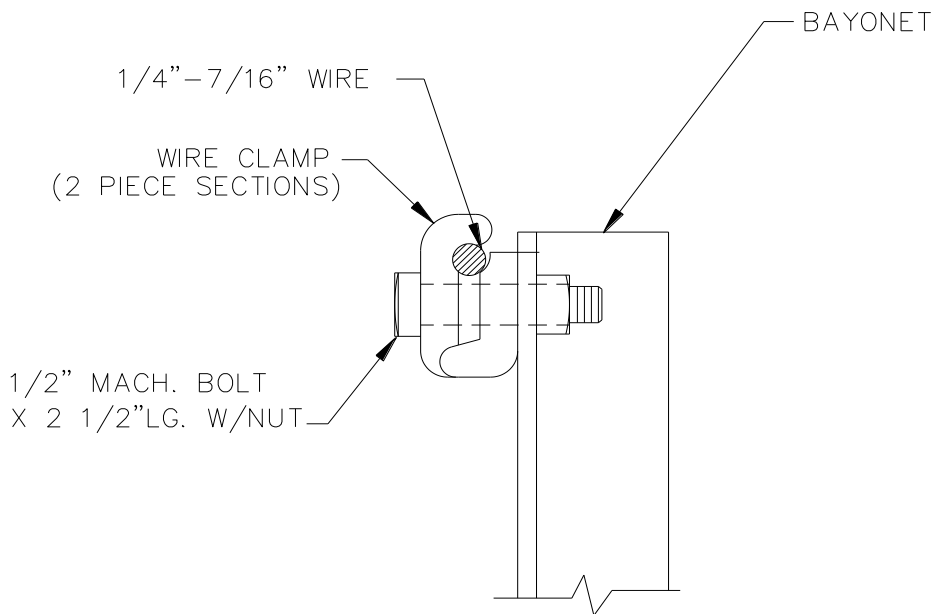
GENERAL DESCRIPTION: CLAMP, SUSPENSION, HARDWARE IS GALVANIZED STEEL, COTTER PIN IS STAINLESS STEEL



ITEM	CLAMPING RANGE	MATERIAL	L (RANGE)	A (RANGE)	B (RANGE)	ULTIMATE STRENGTH	CONDUCTOR
001	.25" - .62"	ALUMINUM	6 1/2" - 7"	2 1/8" - 2 9/32"	3/4" - 29/32"	15,000 LBS	3#6 7#10
002	.50" - 1.04"	ALUMINUM	7 1/2" - 8 1/8"	2 1/2" - 2 3/4"	1 1/16" - 1 1/4"	25,000 LBS	3/0 - 336AAC
006	1.00" - 1.39"	ALUMINUM	8" - 9 3/16"	2 7/16" - 3 1/8"	1 5/16" - 1 5/8"	25,000 LBS	652 AAAC 636 AAC
007	1.25" - 1.82"	ALUMINUM	9 7/8" - 10 1/8"	3 11/64" - 3 1/2"	1 7/8" - 2 1/8"	25,000 LBS	954 AAC 954ACSR
008	2.00" - 2.52"	ALUMINUM	11" - 12"	4 1/8" - 4 3/8"	2 1/2" - 2 3/4"	25,000 LBS	1590 ACSR
009	.20" - .60"	HDG DUCTILE IRON	6 1/2" - 6 3/4"	2 1/8" - 2 3/8"	1 1/16" - 3/4"	16,000 LBS	2 - 4/0 Cu.

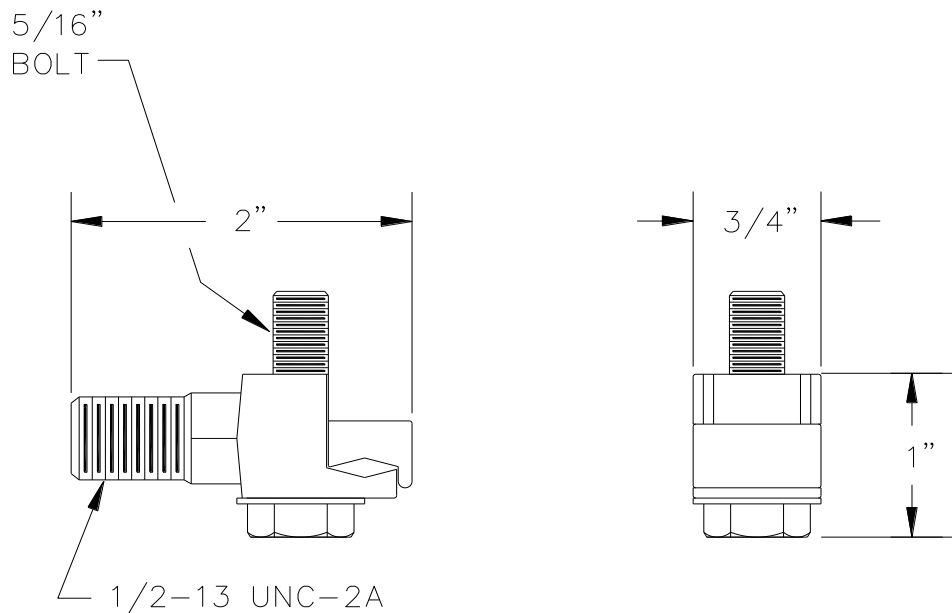
CLASW 001

GENERAL DESCRIPTION: CLAMP, STATIC WIRE, HOT DIPPED GALVANIZED STEEL, FOR USE WITH BAYONETS



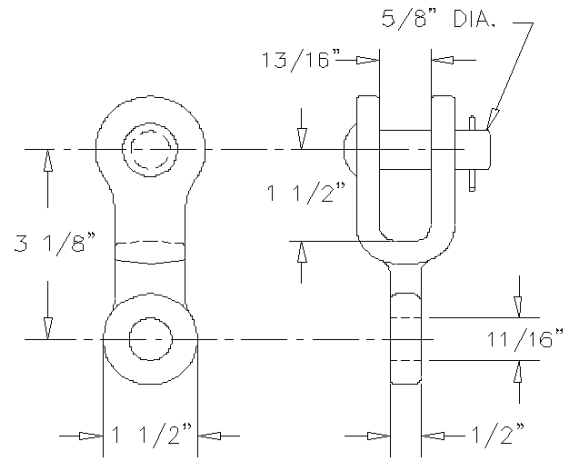
CLATG 001

GENERAL DESCRIPTION: TRANSFORMER GROUNDING CONNECTOR, MATERIAL IS HIGH CONDUCTIVITY BRONZE



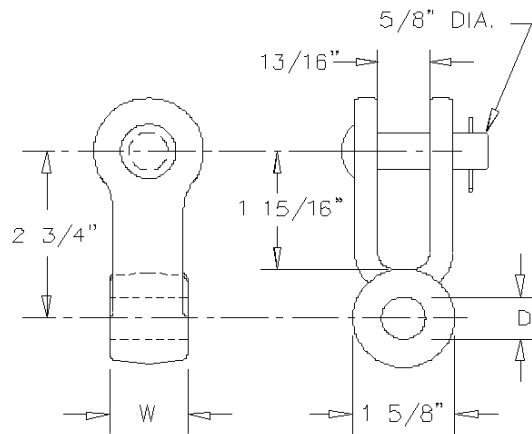
CLEEY 001 - 003

GENERAL DESCRIPTION: CLEVIS, EYE, 30,000# ULTIMATE STRENGTH, DROP-FORGED STEEL, HOT DIPPED GALVANIZED, CLEVIS PIN IS GALVANIZED STEEL, COTTER PIN IS STAINLESS STEEL.



CLEEY001

GENERAL DESCRIPTION: CLEVIS, EYE, 90 DEGREES.



CLEEY002*/003

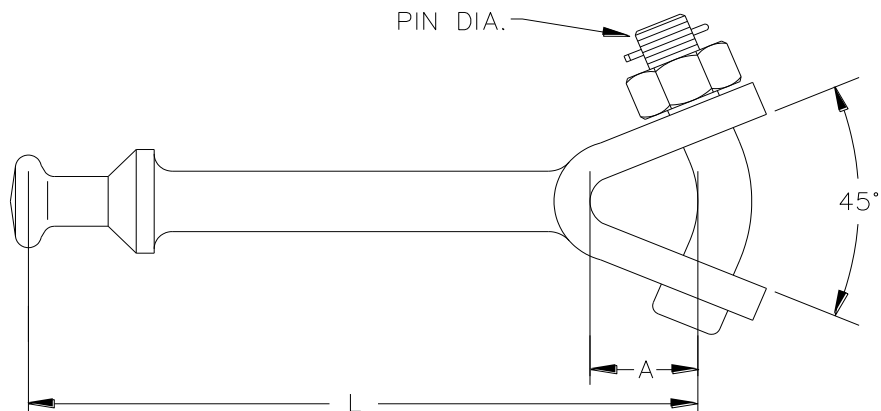
GENERAL DESCRIPTION: CLEVIS, EYE, STANDARD.

*INACTIVE ITEM

W=1 1/16" & D=1 1/16" FOR CLEEY002
W=1 1/4" & D=1 3/16" FOR CLEEY003

CLEHL 001 - 003

GENERAL DESCRIPTION: HOT LINE BALL CLEVIS

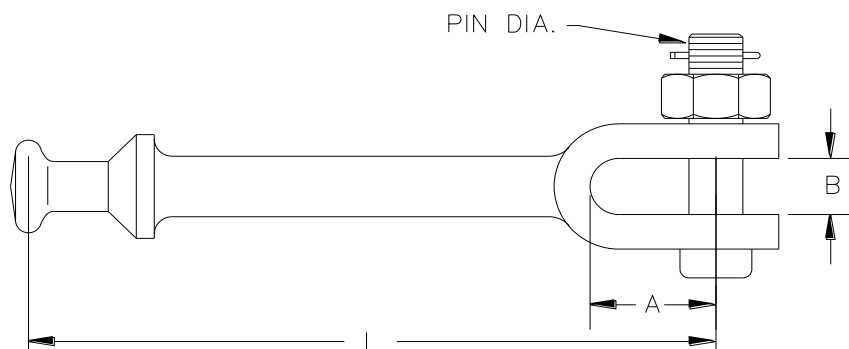


CLEHL001,002

GENERAL DESCRIPTION: HOT LINE BALL- Y-CLEVIS, HOT DIP GALVANIZED STEEL.
HARDWARE IS GALVANIZED STEEL. COTTER PIN IS STAINLESS STEEL.

ITEM SPECIFICATION

ITEM	CLASS	ULTIMATE STRENGTH	L (RANGE)	A (RANGE)	PIN DIA.
001	52-3/5	30,000 lbs.	9 5/16"-10 1/8"	1 1/2"-1 7/8"	3/4"
002	52-8/11	50,000 lbs.	9 5/16"-10 1/4"	1 1/2"-1 7/8"	7/8"



CLEHL003

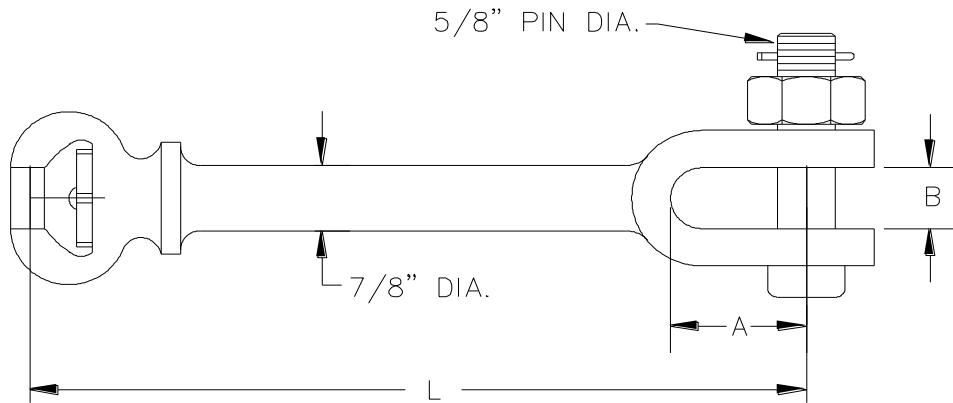
GENERAL DESCRIPTION: HOT LINE BALL CLEVIS, HOT DIP GALVANIZED STEEL.
HARDWARE IS GALVANIZED STEEL. COTTER PIN IS STAINLESS STEEL.

ITEM SPECIFICATION

ITEM	CLASS	ULTIMATE STRENGTH	L (RANGE)	A (RANGE)	B (RANGE)	PIN DIA.
003	52-3/5	30,000 lbs.	9 9/16"-9 3/4"	1 1/2"-1 3/4"	13/16"-15/16"	5/8"

CLEHL 004 - 005

GENERAL DESCRIPTION: HOT LINE SOCKET CLEVIS

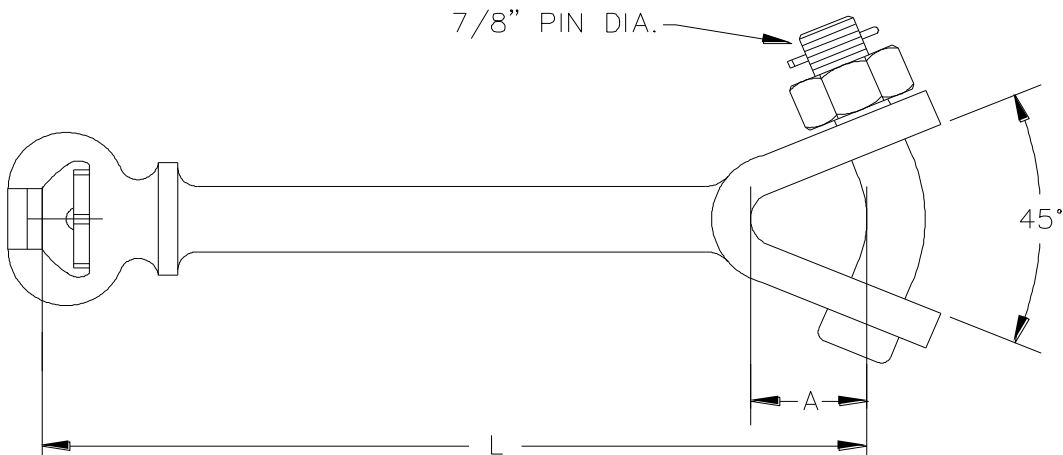


CLEHL004

GENERAL DESCRIPTION: SOCKET-CLEVIS, DUCTILE IRON OR FORGED STEEL, HOT DIP GALV.
CLEVIS PIN IS GALVANIZED STEEL. COTTER PIN IS STAINLESS STEEL.

ITEM SPECIFICATION

ITEM	ANSI CLASS	ULTIMATE STRENGTH	L (RANGE)	A (RANGE)	B (RANGE)
004	52-3/5	30,000 lbs.	9 3/4"-10"	1 1/2"-2"	15/16"-1 1/8"



CLEHL005

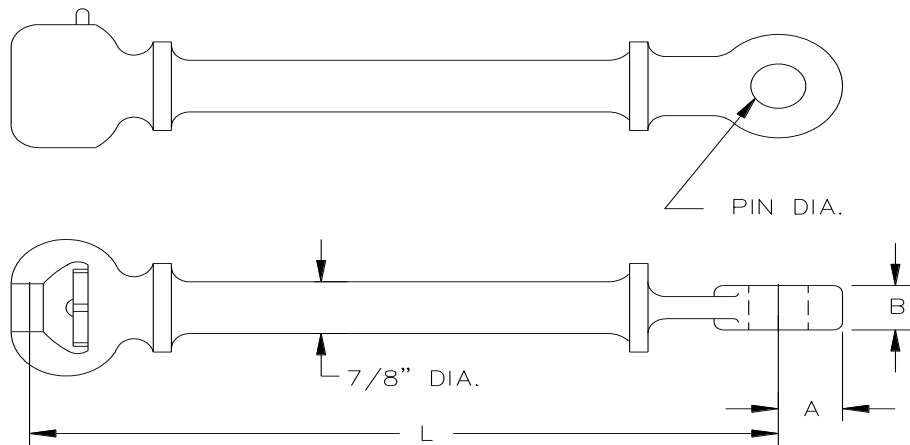
GENERAL DESCRIPTION: SOCKET-Y CLEVIS, DUCTILE IRON OR FORGED STEEL, HOT DIP GALV.
CLEVIS PIN IS GALVANIZED STEEL. COTTER PIN IS STAINLESS STEEL.

ITEM SPECIFICATION

ITEM	ANSI CLASS	ULTIMATE STRENGTH	L (RANGE)	A (RANGE)
005	52-8/11	50,000 lbs.	9 11/16"-12"	1 5/8"-2 1/4"

CLEHL 006 - 008

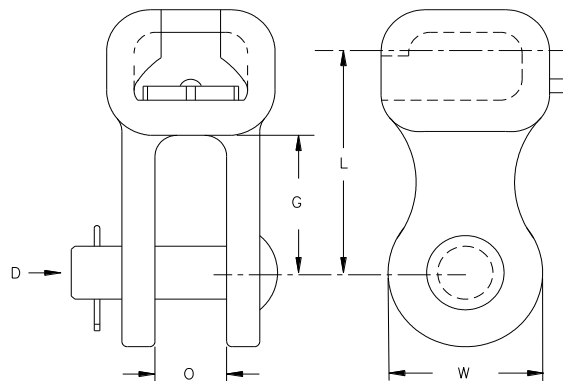
GENERAL DESCRIPTION: HOT LINE SOCKET EYE, DUCTILE IRON OR FORGED STEEL, HOT DIPPED GALVANIZED, COTTER PIN IS STAINLESS STEEL



ITEM	ANSI CLASS	ULTIMATE STRENGTH	L	A	B	PIN DIA.
006	52-3/5	30,000 LBS	10"	7/8"	3/4"	13/16"
007	52-3/5	30,000 LBS	10"	1"	1"	1"
008	52-8/11	40,000 LBS	10"	1 1/16"	3/4"	13/16"

CLESO 001-005

GENERAL DESCRIPTION: SOCKET CLEVIS, FORGED STEEL, HOT DIPPED GALVANIZED

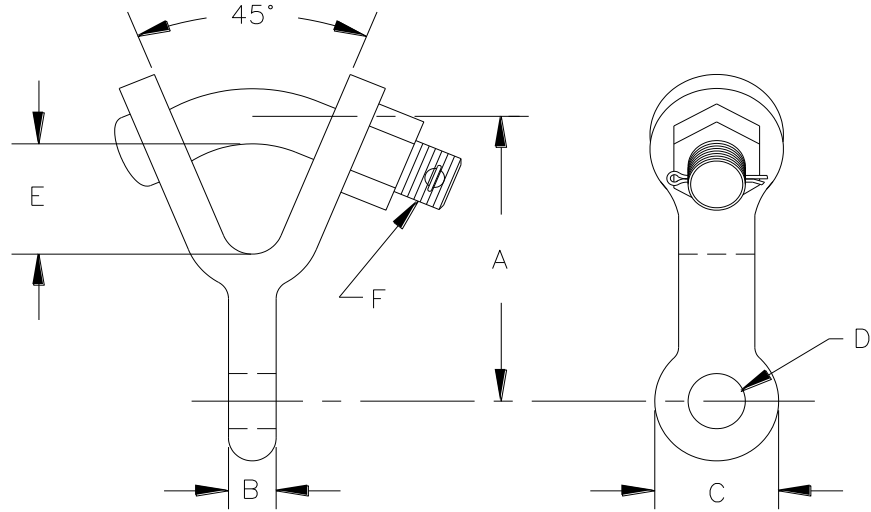


Item	Class	Strength	O	L	G	W	D
001	52-3/5	30,000 lb	13/16"	2 5/8"	1 5/8"	1 3/4"	5/8"
002	52-3/5	35,000 lb	13/16"	4 1/2"	2"	2"	5/8"
003	52-8/11	50,000 lb	1 1/8"-1 5/16"	4 1/2"	2 1/4"	2"	3/4"-7/8"
004	52-3/5	30,000 lb	N/A	2 3/4"	1 9/16"	2"	3/4"
005	52-8/11	50,000 lb	N/A	2 15/16"	1 5/8"	2 1/4"	7/8"

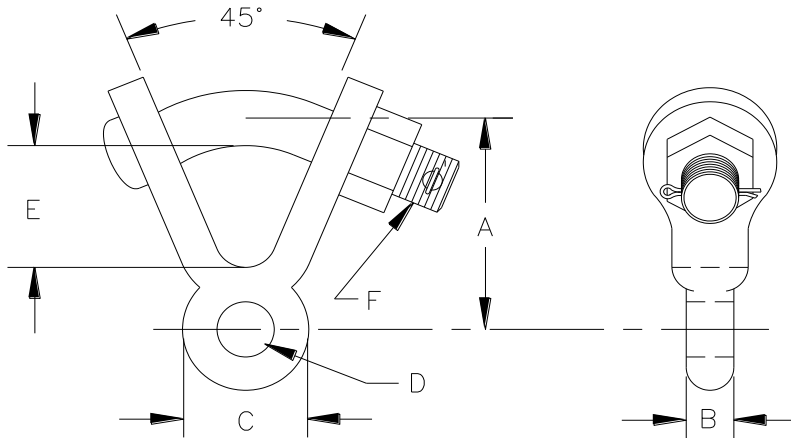
NOTE: ITEMS 004 AND 005 ARE SOCKET Y-CLEVIS

CLETE 001 - 006

GENERAL DESCRIPTION: Y-CLEVIS, TOWER EYE, HOT DIPPED GALVANIZED, HEAT TREATED, COTTER PIN IS STAINLESS STEEL.



TYPE 1(STANDARD)



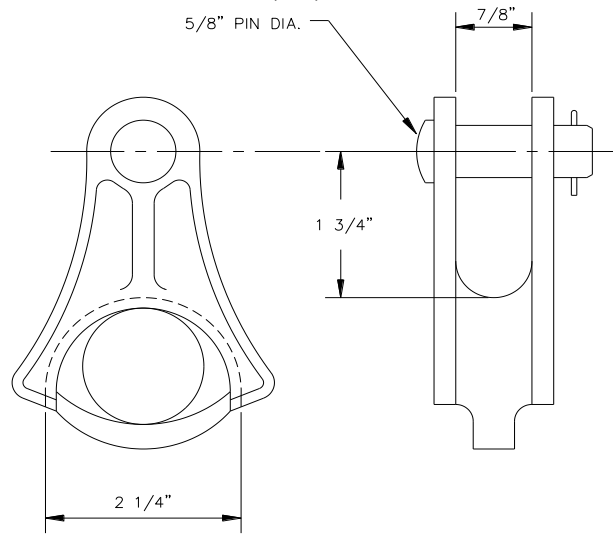
TYPE 2(90°)

ITEM	TYPE	A	B	C	D	E	F
001	1	3 7/8"	5/8"	1 5/8"	11/16"	1 1/2"	3/4"
002	1	3 7/8"	1"	1 5/8"	11/16"	1 1/2"	3/4"
003*	1	3 7/8"	1 5/8"	1 5/8"	11/16"	1 1/2"	3/4"
004	2	3 7/8"	5/8"	1 11/16"	3/4"	1 21/32"	3/4"
005	2	3 7/8"	1 3/8"	1 11/16"	3/4"	1 21/32"	3/4"
006	2	3 7/8"	1 5/8"	1 11/16"	3/4"	1 21/32"	3/4"

*INACTIVATED ITEM

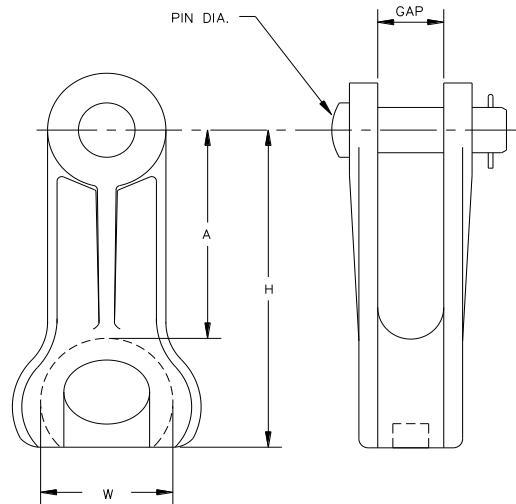
CLETH 001

GENERAL DESCRIPTION: THIMBLE CLEVIS, DUCTILE IRON HOT DIPPED GALVANIZED, GALVANIZED CLEVIS PIN, COTTER PIN IS STAINLESS STEEL; 20,000 LB STRENGTH.



CLETH 002 - 003

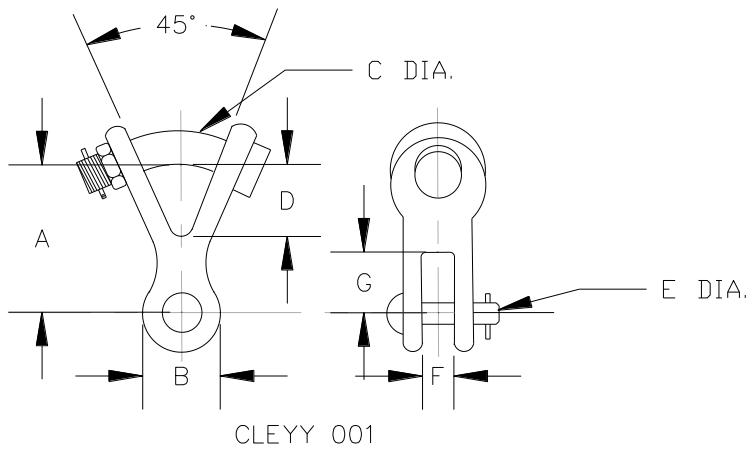
GENERAL DESCRIPTION: THIMBLE CLEVIS, DUCTILE IRON, HOT DIPPED GALVANIZED, COTTER PIN IS STAINLESS STEEL.



ITEM	ULTIMATE STRENGTH	H	W	A	GAP	PIN DIA.
002	40,000 LBS	5"	$2 \frac{1}{4}"$	$2 \frac{1}{4}"$	$\frac{7}{8}"$	$\frac{3}{4}"$
003	60,000 LBS	$5 \frac{7}{8}"$	$2 \frac{1}{2}"$	$3 \frac{1}{2}"$	$1 \frac{1}{16}"$	1"

CLEYY 001- 002

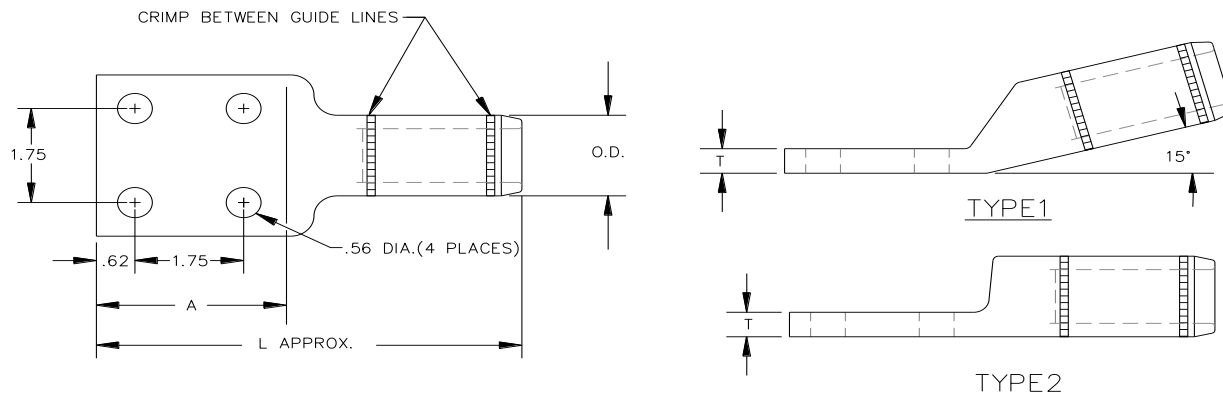
GENERAL DESCRIPTION: CLEVIS, 'Y', 90-DEGREE



ITEM	ULTIMATE STRENGTH	A	B	C	D	E	F	G
001	30,000 LBS	3 ⁵ / ₈ "	1 ³ / ₄ "	³ / ₄ "	1 ⁹ / ₁₆ "	⁵ / ₈ "	¹³ / ₁₆ "	1 ⁹ / ₁₆ "
002	50,000 LBS		2"	⁷ / ₈ "	1 ⁹ / ₁₆ "	⁷ / ₈ "	1 ¹¹ / ₁₆ "	2 ¹ / ₄ "

CNNAJ 002/005 – 008/010/020

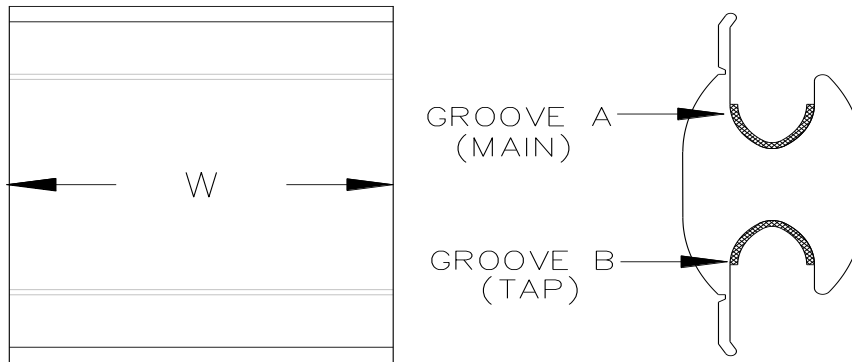
GENERAL DESCRIPTION: ALUMINUM COMPRESSION TERMINAL FOR TRANSMISSION LINES.



ITEM	TYPE	CONDUCTOR			A (RANGE)	L (RANGE)	T (RANGE)	O.D. (RANGE)
		ACAR	ALUMINUM	ACSR				
002	1	634.9 – 653.1	600 – 650	556.5	3.06" – 3.5"	9.75" – 12.31"	.31" – .44"	1.5" – 1.68"
005	1	1650 42/19	1700-1800	1590	3.06" – 3.5"	13.36" – 17.44"	.69" – .86"	2.5"
006	2	840 – 927	795 – 1000	715 - 874	3.15" – 3.5"	8.63" – 14.75"	.41" – .56"	1.8" – 1.88"
007	2	983 – 1198	10.33 – 1272	900 – 1100	3.15" – 3.5"	10.77" – 14.88"	.41" – .75"	1.87" – 1.97"
008	2		1700 – 1800	1590	3.15" – 4.25"	12.94" – 17.56"	.75" – .88"	2.5"
010			954 ACSS					
020	2		2500 ACC			17.9"	.88"	

CNNCP 002, 003, 016

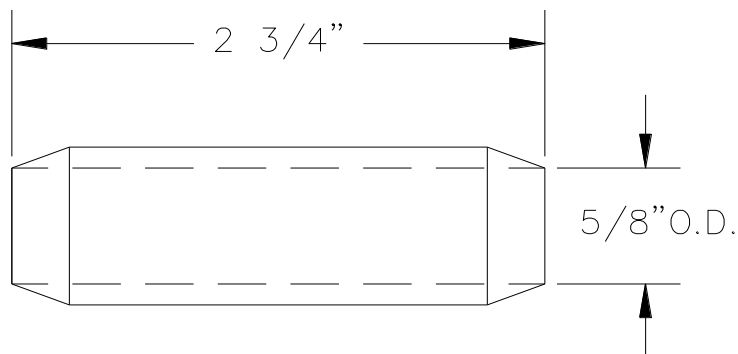
GENERAL DESCRIPTION: ALUMINUM ALLOY COMPRESSION CONNECTOR FOR ALUMINUM TO ALUMINUM AND ALUMINUM TO COPPER.



ITEM	W	CONDUCTOR RANGE			
		GROOVE A		GROOVE B	
		MAX	MIN	MAX	MIN
002	1 ³ / ₈ "	.420"	.258"	.332"	.162"
003	1 ¹ / ₂ "	.420"	.232"	.420"	.232"
016	1 ³ / ₁₆ "	.258"	.204"	.204"	.128"

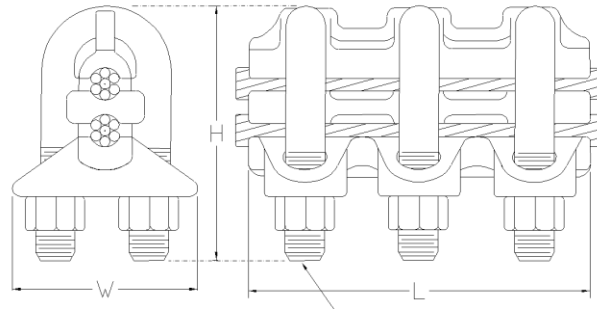
CNNGR 002

GENERAL DESCRIPTION: COUPLING, GROUND ROD, "THREADLESS".



CNNPA 133/137/141/145

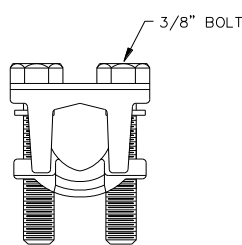
GENERAL DESCRIPTION: CONNECTOR, PARALLEL TAP, ALUMINUM, 3 U-BOLTS



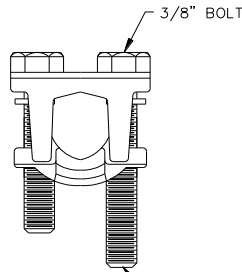
ITEM	CONDUCTOR	L	W	H	J
133	556 ACSR	5 ⁷ / ₈ "	3 ¹ / ₈ "	4 ¹¹ / ₁₆ "	⁵ / ₈ "
137	954 AAC	6 ³ / ₄ "	3 ⁵ / ₁₆ "	5 ¹ / ₂ "	⁵ / ₈ "
141	954 ACSR	8"	3 ⁷ / ₈ "	6 ³ / ₈ "	³ / ₄ "
145	1590 ACSR	9 ³ / ₄ "	4 ¹ / ₈ "	6 ³ / ₈ "	³ / ₄ "

CNNTB 001 - 004

GENERAL DESCRIPTION: HIGH STRENGTH BRONZE CONNECTORS FOR COPPER TO COPPER CONNECTIONS. USE JOINT COMPOUND WITH ALUMINUM AND ACSR CONNECTORS



TYPE 1



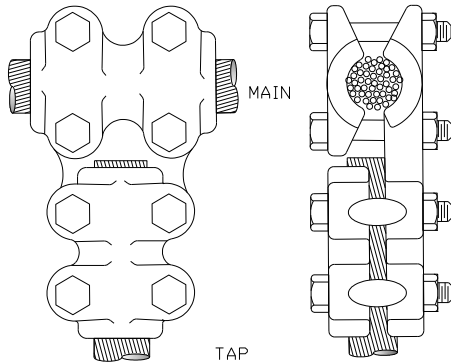
TYPE 2

EXTRA LONG BOLT ALLOWS FOR EASY INSTALLATION OF TWO CONDUCTORS OF MAX. RANGE

ITEM	MAXIMUM EQUAL RUN & TAP	MINIMUM RUN	MINIMUM TAP
001	4/0 STRANDED	1/0 STRANDED	#8
002	350 MCM	250MCM	#10
003	500 MCM	400 MCM	#10
004	800 MCM	400 MCM	3/0 STRANDED

CNTE 206 - 227

GENERAL DESCRIPTION: TEE, BOLTED, STRAIGHT, CABLE TO CABLE.



ITEM	MAIN (ACSR)	TAP (ACSR)
206	556 - 795	#4 - 4/0
208	556 - 795	4/0 - 336
209	556 - 795	556 - 795
210	715 - 1113	#4 - 4/0
211	715 - 1113	4/0 - 336
213	715 - 1113	556 - 795
214	715 - 1113	715 - 1113
224	1272 - 1590	4/0 - 336
227	1272 - 1590	1272 - 1590

COBAS 005 – 007

GENERAL DESCRIPTION: CONDUCTOR, ALUMINUM CLAD STEEL WIRE



ITEM	NO. AND SIZE OF WIRES	NOMINAL DIAMETER	BREAKING LOAD LBS
005	3 No. 6 AWG	.349"	10,280
006	7 No. 7 AWG	.433"	19,060
007	7 No. 10 AWG	.306"	10,020

COBCO 025/026/028/029

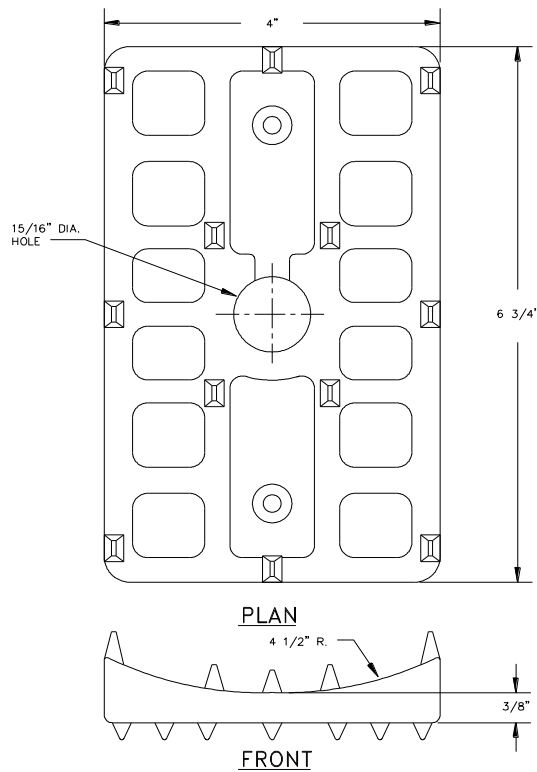
GENERAL DESCRIPTION: CONDUCTOR, SOLID, BARE COPPER



ITEM	WIRE SIZE/TYPE	DIAMETER	BREAKING STRENGTH
025	#6, SOFT DRAWN	.1620	2433 LBS
026	#6, HARD DRAWN	.1620	2433 LBS
028	#4, SOFT DRAWN	.2043	3541 LBS
029	#2, HARD DRAWN	.2576	5056 LBS

CXAGA 001

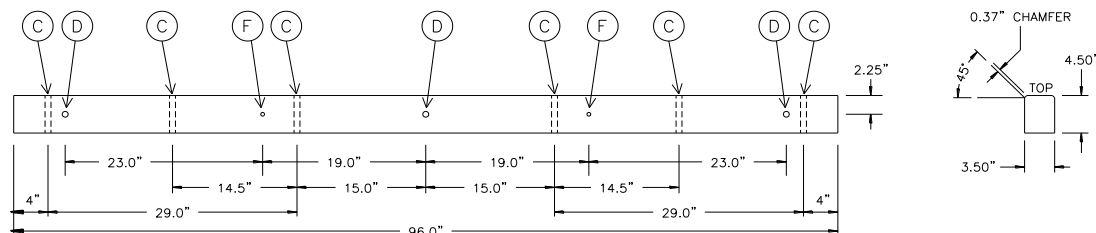
GENERAL DESCRIPTION: CROSSARM GAIN, ROUND TO FLAT DOUBLE TOOTH FACE, ALUMINUM ALLOY



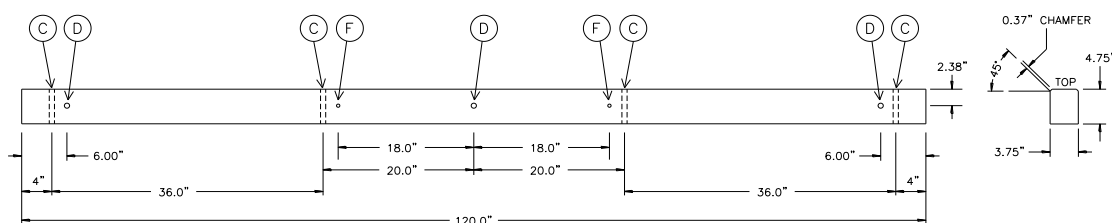
CXAWO 001 - 005

GENERAL DESCRIPTION: CROSSARM FOR WOOD POLE STRUCTURES, TREATED SOUTHERN YELLOW PINE OR DOUGLAS FIR. NOTE: ALL DIMENSIONS ARE IN INCHES

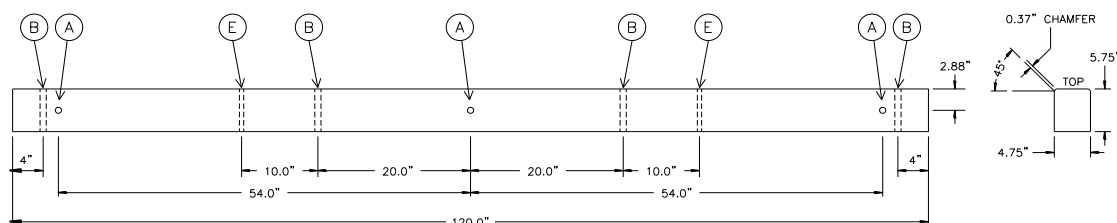
CXAWO001



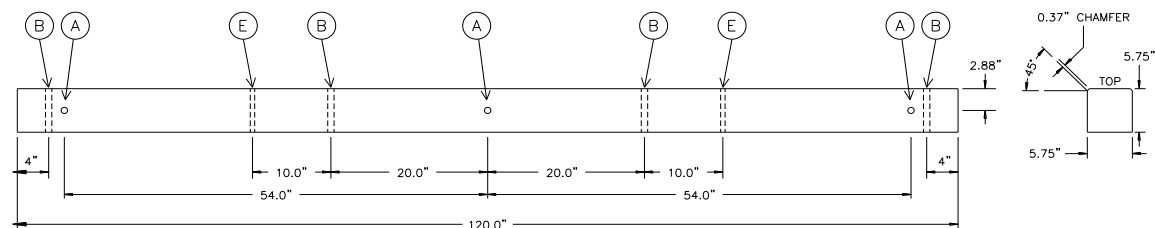
CXAWO003



CXAWO004



CXAWO005

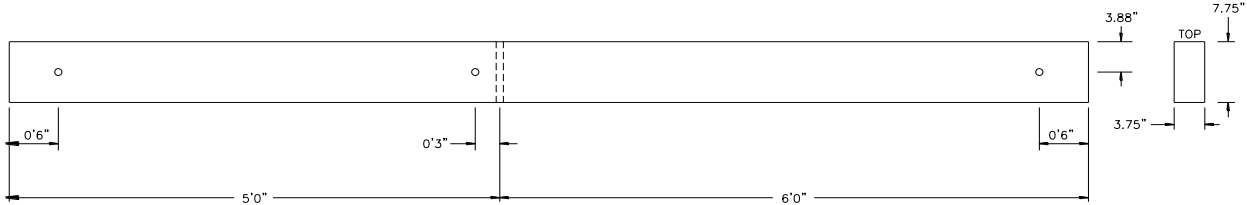


HOLE	DIAMETER	HOLE	DIAMETER	HOLE	DIAMETER
A	$\frac{13}{16}$ "	C	$\frac{11}{16}$ "	E	$\frac{9}{16}$ "
B	$\frac{13}{16}$ "	D	$\frac{11}{16}$ "	F	$\frac{7}{16}$ "

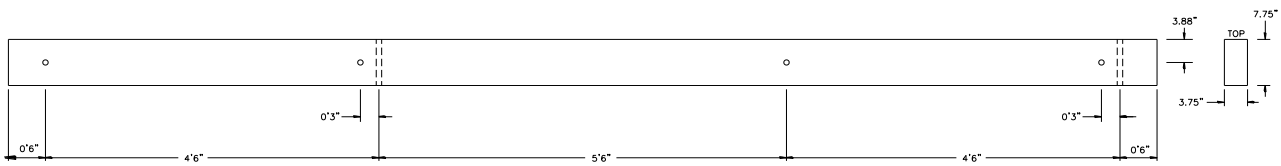
CXAWO 006 - 010

GENERAL DESCRIPTION: CROSSARM FOR WOOD POLE STRUCTURES. TREATED SOUTHERN YELLOW PINE OR DOUGLAS FIR

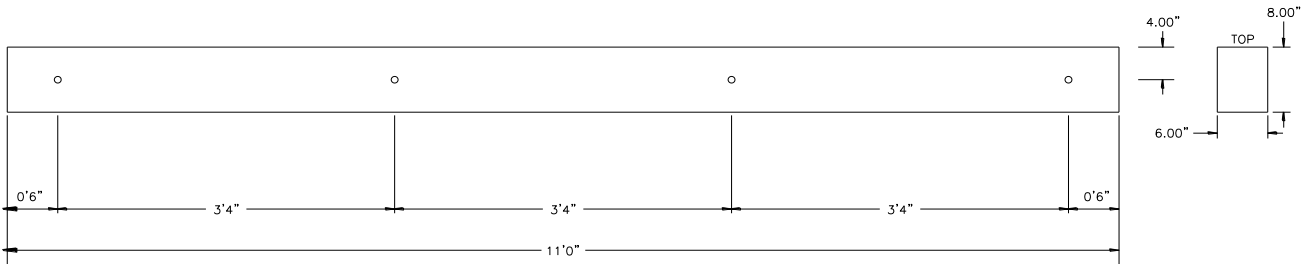
CXAWO006



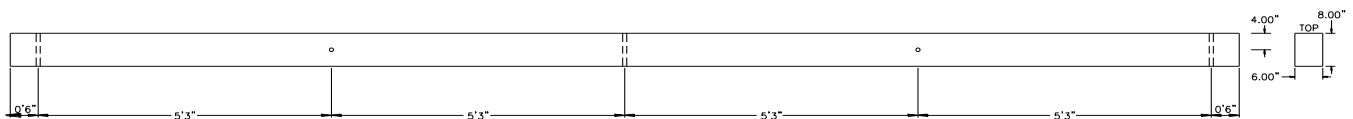
CXAWO007



CXAWO008



CXAWO010



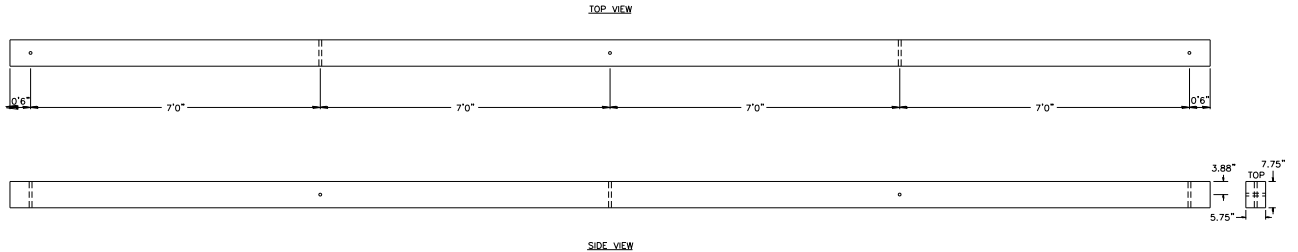
STRUCTURE	HOLE DIAMETER		STRUCTURE	HOLE DIAMETER
006	$\frac{7}{8}$ "		008	$\frac{13}{16}$ "
007	$\frac{7}{8}$ "		010	$\frac{7}{8}$ "

NOTE: ALL HOLES SHALL HAVE A TOLERANCE OF $\pm \frac{1}{16}$ ";
ALL DIMENSIONS SHALL HAVE A TOLERANCE OF $\pm \frac{1}{8}$ ".

CXAWO 012

GENERAL DESCRIPTION: CROSSARMS FOR WOOD POLE STRUCTURES. TREATED SOUTHERN YELLOW PINE OR DOUGLAS FIR

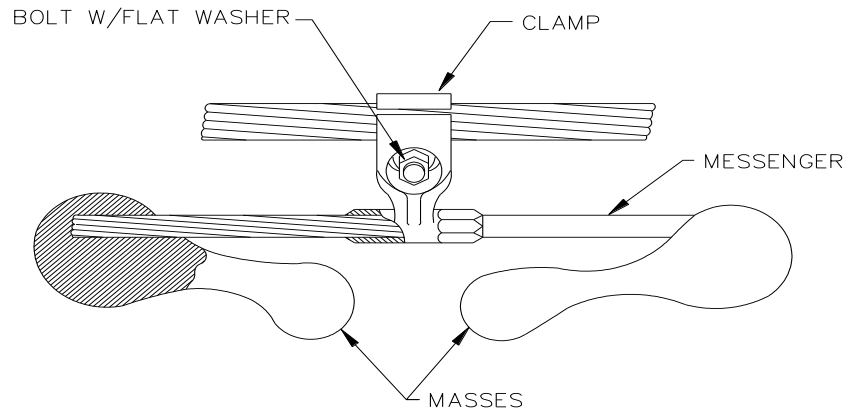
CXAWO012



STRUCTURE	DIAMETER
012	$\frac{13}{16}$ "

DAPVI 001 – 005D

GENERAL DESCRIPTION: VIBRATION DAMPER FOR ALUMINUM CONDUCTORS. ALUMINUM CLAMP & HARDWARE WITH GALVANIZED MESSENGER AND ZINC CASTINGS.

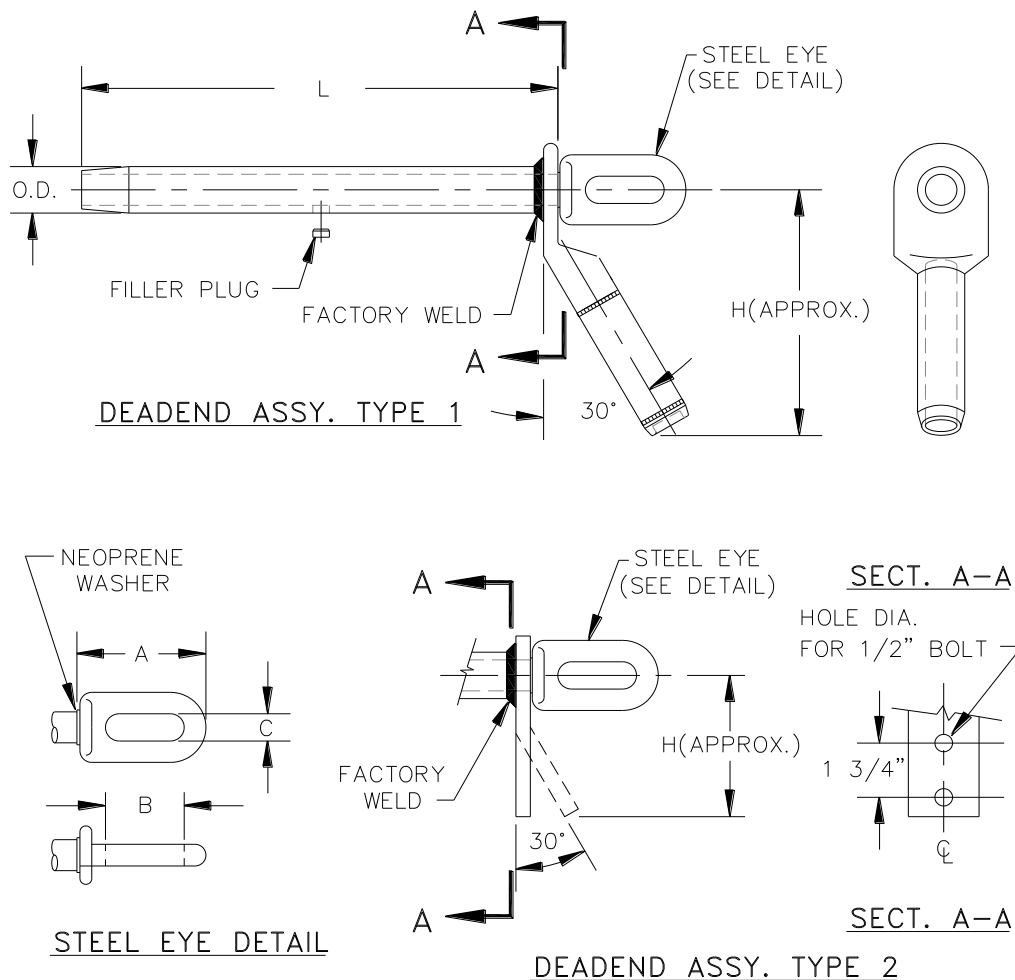


ITEM	RANGE	ITEM	RANGE	ITEM	RANGE	ITEM	RANGE	ITEM	RANGE
001	.27" - .36"	002	.57" -.60"	003	.87" - .95"	004	1.09" - 1.21"	005	1.50" - 1.69"

NOTE: RANGE REFERS TO CONDUCTOR DIAMETER RANGE

DEACB 003 - 017

GENERAL DESCRIPTION: DEADEND, FULL TENSION, ASSEMBLIES FOR CONDUCTOR

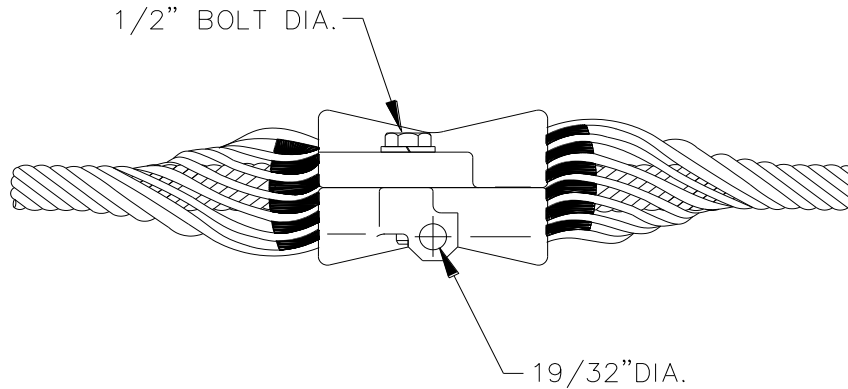


ITEM	TYPE	O.D.	L	A	B	C	CONDUCTOR
003	1	1.50"	15.0" – 19.0"	4.0"	2.5"	.88"	556 PARAKEET
005	1	1.97"	19.5" – 22.5"	4.5"	2.7"	1.25"	954 CARDINAL
007	1	2.50"	22.0" – 25.0"	5.0"	2.7"	1.25"	1590 FALCON
010	2	1.50"	15.0" – 19.0"	4.0"	2.5"	.88"	556 PARAKEET
012	2	1.97"	19.5" – 22.5"	4.5"	2.7"	1.25"	954 CARDINAL
014	2	2.50"	22.0" – 25.0"	5.0"	2.7"	1.25"	1590 FALCON
016	2		28"	3.96"	2.62"	1.24"	954 ACSS CARDINAL
017	2				2.62"	1.25"	954 ACSS CARDINAL

NOTE: 016 IS FOR CIRCUIT 847

GRIAR 001 - 004

GENERAL DESCRIPTION: SUPPORT, ARMOR GRIP, GALVANIZED MALLEABLE IRON OR HIGH STRENGTH ALUMINUM ALLOY KEEPER AND BODY, GALVANIZED CAP SCREWS AND WASHERS, WITH STAINLESS STEEL INSERT FOR TRUNNION AND ALUMINUM ALLOY RODS.

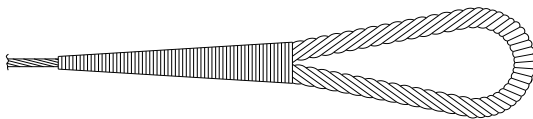


ITEM	CONDUCTOR TYPE	DIAMETER RANGE (INCHES)	ROD DIA. (INCHES)	COLOR CODE	ROD LENGTH (INCHES)
001	556 24/7	0.908 – 0.920	.25	YELLOW	53
002	652	0.921 – 0.937	.25	BLACK	53
003	954 54/7	1.176 – 1.208	.31	ORANGE	62
004	954 37 ALL ALUM.	1.119 – 1.136	.31	BLACK	62
005*	1590 54/7	1.517 – 1.557	.365	RED	78

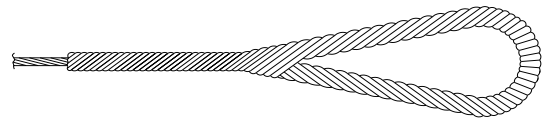
* INACTIVATED ITEM

GRIPR 001 - 005

GENERAL DESCRIPTION: GUY DEAD END, TYPE 1(ALUMINUM CLAD), TYPE 2 (COPPER CLAD)



TYPE 1

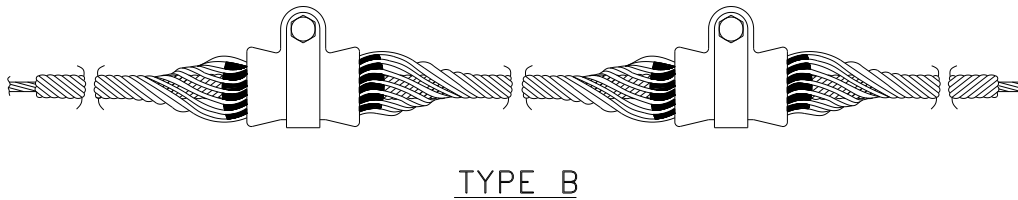
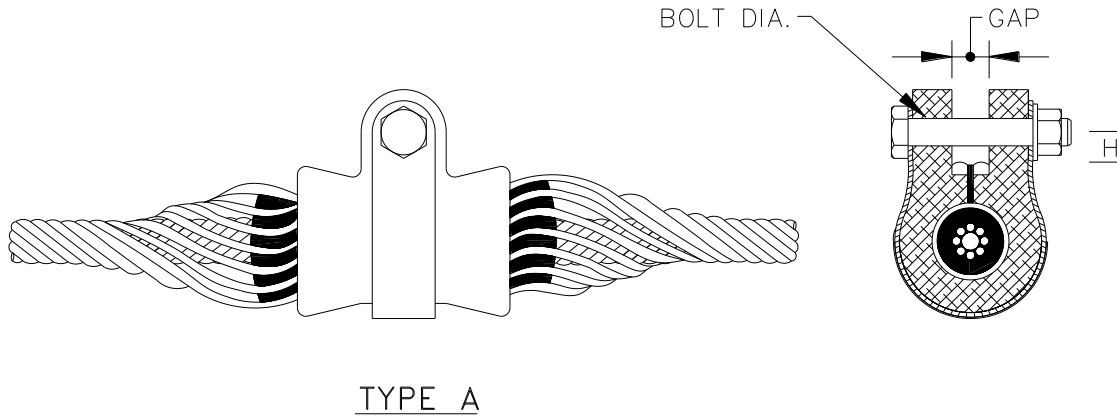


TYPE 2

ITEM	TYPE	CONDUCTOR SIZE	HOLDING STRENGTH	COLOR CODE	ROD LENGTH (INCHES)
001	1	3#6, 7#9	12,500 LBS	YELLOW	29
002	1	3#7, 7#10	10,020 LBS	BLACK	26
003	2	3#6, 7#9	12,500 LBS	GREEN	27
004	2	3#7, 7#10	10,000 LBS	RED	25
005	1	7#7	19,060 LBS	GREEN	36

GRISA 001 – 010/020

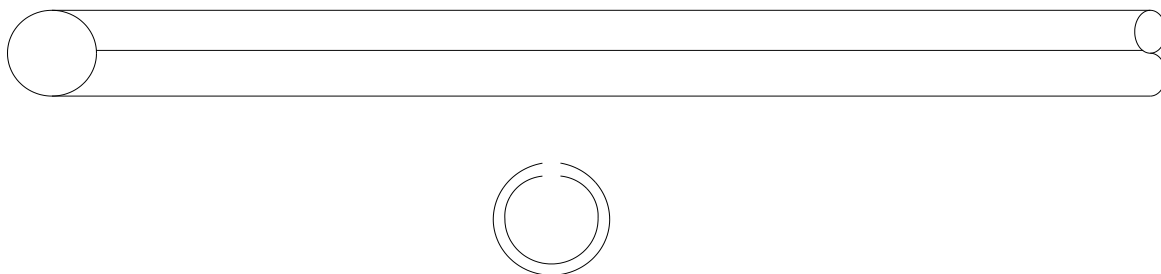
GENERAL DESCRIPTION: SINGLE (A) AND DOUBLE (B) ARMOR GRIP ASSEMBLY; USE DOUBLE GRIP FOR LINE ANGLES OF 30 – 60 DEGREES



ITEM	TYPE	CONDUCTOR RANGE (INCHES)	BOLT DIA.	GAP	H	CONDUCTOR
001	A	0.908 – 0.920	$\frac{5}{8}$ "	$\frac{7}{8}$ "	1"	556 ACSR
002	A	0.921 – 0.937	$\frac{5}{8}$ "	$\frac{7}{8}$ "	1"	652 AAAC
003	A	1.119 – 1.136	$\frac{5}{8}$ "	$1\frac{3}{16}$ "	1"	954 AAC
004	A	1.176 – 1.208	$\frac{5}{8}$ "	$1\frac{3}{16}$ "	1"	954 ACSR
005	A	1.517 – 1.557	$\frac{3}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{8}$ "	1590 ACSR
006	B	1.119 – 1.136	$\frac{5}{8}$ "	$1\frac{3}{16}$ "	1"	954 AAC
007	B	1.176 – 1.208	$\frac{5}{8}$ "	$1\frac{3}{16}$ "	1"	954 ACSR
008	B	1.517 – 1.557	$\frac{3}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{8}$ "	1590 ACSR
009	A	1.189 – 1.208	$\frac{3}{4}$ "	$2\frac{1}{4}$ "	$1\frac{1}{8}$ "	954 ACSS
010	B	1.189 – 1.208	$\frac{3}{4}$ "	$2\frac{1}{4}$ "	$1\frac{1}{8}$ "	954 ACSS
020	A	1.791 – 1.828	$\frac{3}{4}$ "	$2\frac{1}{4}$ "	$1\frac{1}{8}$ "	2500 AAC

GUAGW 001 - 003

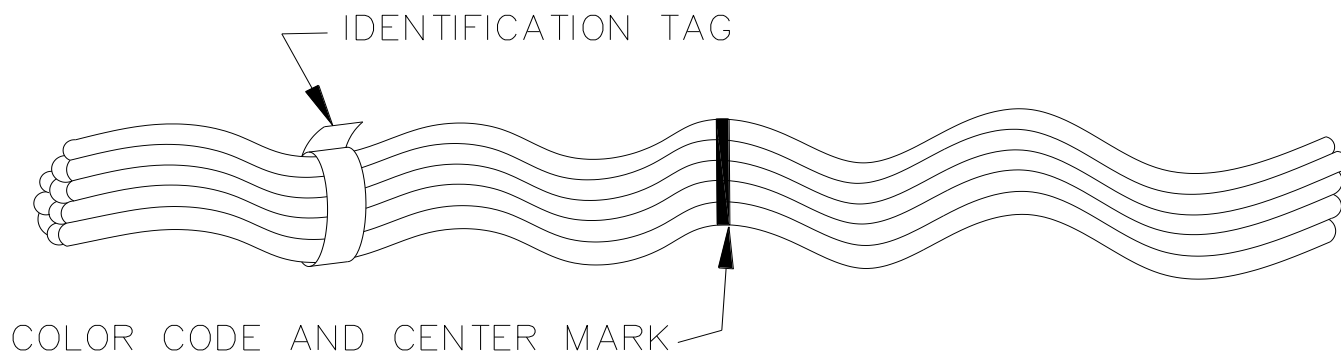
GENERAL DESCRIPTION: GUY GUARD, PVC



ITEM	OUTSIDE DIAMETER (INCHES)	LENGTH (FEET)	APPLICATION
001	$\frac{1}{2}" \times \frac{1}{2}"$	8	WOOD POLES
002	$1 \frac{1}{2}"$	8	$\frac{1}{2}"$ OR $\frac{7}{16}"$ GUY WIRE
003	2"	8	$\frac{9}{16}"$ & $\frac{3}{4}"$ GUY WIRE

GUALI 001 - 009

GENERAL DESCRIPTION: LINE GUARD, ALUMINUM

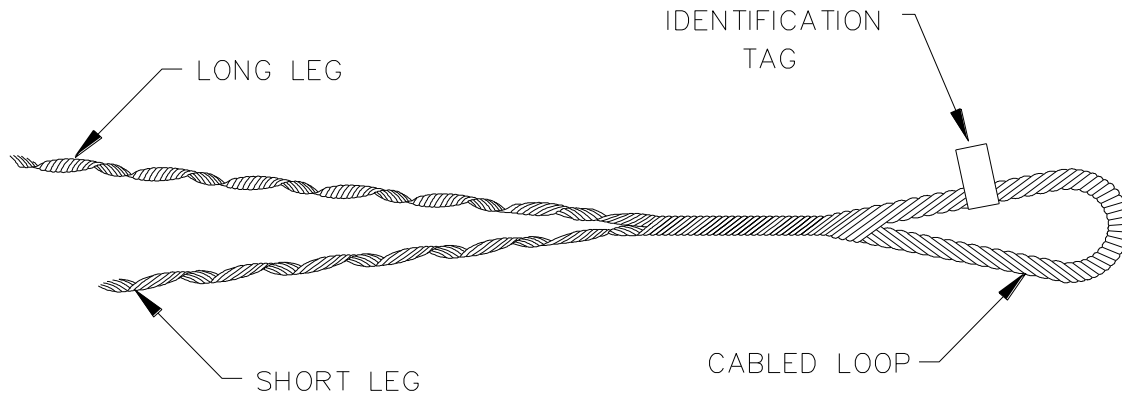


ITEM	CONDUCTOR RANGE (INCHES)	LENGTH (INCHES)	ROD DIA.	COLOR CODE	CONDUCTOR
001	0.347 – 0.366	23	.121	GREEN	3#6 AW
002	0.309 – 0.326	21	.121	RED	2 ACSR
003	0.290 – 0.308	21	.121	PURPLE	7#10 AW
004	0.390 – 0.413	25	.121	YELLOW	1/0 AAAC
005	0.367 – 0.389	23	.121	BLACK	7#7 AW
006	0.491 – 0.521	29	.121	ORANGE	3/0 ACSR
007	0.656 – 0.679	35	.146	BROWN	336 AAC
008	0.899 – 0.954	43	.167	GREEN	556 ACSR
009*	1.209 -1.268	53	.250	BLACK	1192 AAC

* INACTIVATED ITEM

GUYGR 001 - 005

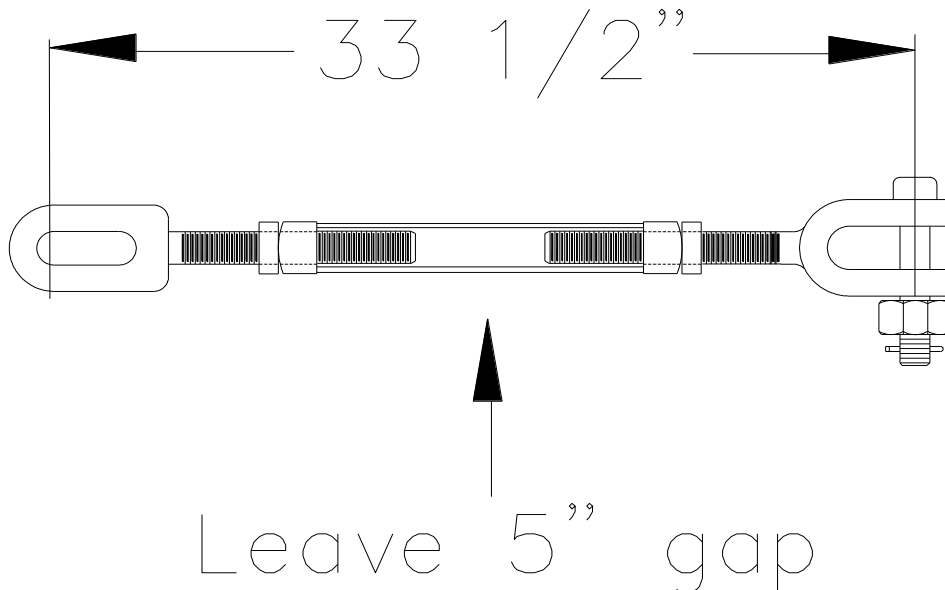
GENERAL DESCRIPTION: GUY GRIP, GALVANIZED



ITEM	SIZE (INCHES)	LENGTH (INCHES)	STRENGTH LBS	COLOR CODE
001	$\frac{3}{8}$	35	15,400	ORANGE
002	$\frac{7}{16}$	38	20,800	GREEN
003	$\frac{1}{2}$	49	26,900	BLUE
004	$\frac{9}{16}$	55	35,000	YELLOW
005	$\frac{3}{4}$	76	58,300	ORANGE

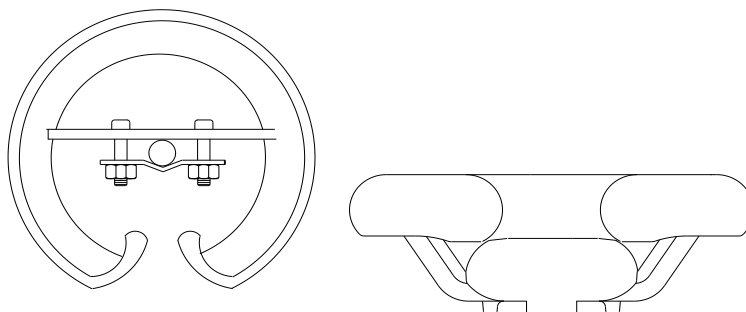
HDWTU 001

GENERAL DESCRIPTION: TURNBUCKLE, CLEVIS-EYE, 12" TAKE UP, 76,000#



INSCR 001 - 006

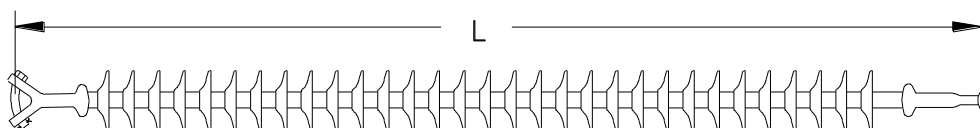
GENERAL DESCRIPTION: CORONA RING FOR 138kV & 230kV INSULATORS. DO NOT MIX INSULATORS AND CORONA RINGS.



ITEM	DESCRIPTION
001	CORONA RING, FOR MACLEAN 138/230KV 50,000 LBS SML DEAD-END INSULATORS
002	CORONA RING FOR NGK 138KV AND 230KV INSULATORS (INSDE002 & 003; INSSU009 & 010; INSLP013 & 014)
003	CORONA RING, FOR MACLEAN 138/230KV 30,000 LBS SML SUSPENSION AND BRACED LINE POST INSULATORS
004	CORONA RING, FOR MACLEAN 138/230KV 2.5" POST INSULATORS
005	CORONA RING, FOR NGK INSULATOR (INSDE006 & 007)
006	CORONA RING, FOR NGK POST INSULATORS (INSHPO24 & 025)

INSDE 002 – 004/006/007/010

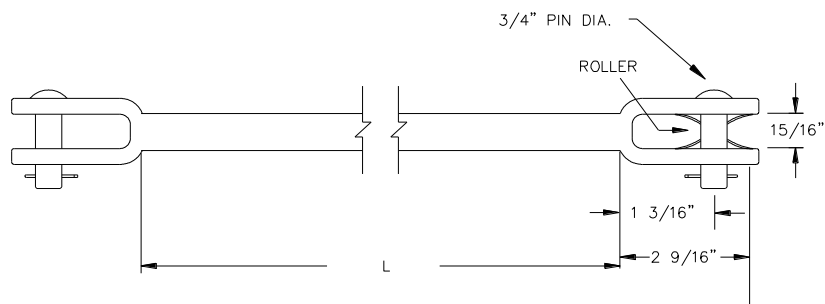
GENERAL DESCRIPTION: INSULATOR, SILICON DEADEND WITH NEMA 8/11 Y-CLEVIS BALL END FITTINGS, ECR GLASS, 50,000 LBS SML. ALL 138kV & 230 kV INSULATORS INCLUDE CORONA RING



ITEM	DESCRIPTION	L	DRY ARC	LEAKAGE
002	230 KV NEW CONSTRUCTION	111"	95"	250"
003	230 KV 15-BELL REPLACEMENT 138 KV NEW CONSTRUCTION	89"	78"	200"
004	138 KV 11-BELL REPLACEMENT 69KV NEW CONSTRUCTION	66"	55"	150"
006	14-BELL REPLACEMENT	83"	67"	200"
007	17-BELL REPLACEMENT	100"	84"	250"
010	69 KV 7-BELL REPLACEMENT	43"	32"	100"

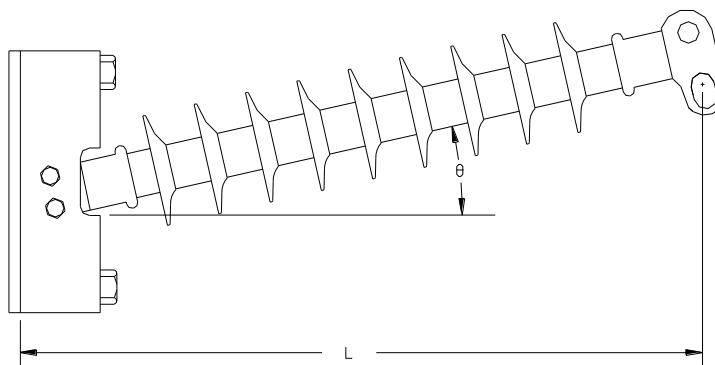
INSGB 008

GENERAL DESCRIPTION: INSULATOR, STRAIN, 144" ROD LENGTH, 21000#.



INSHP 020 – 025/030/032/035

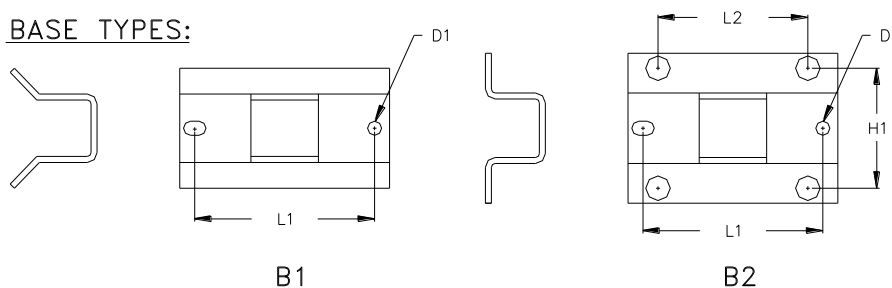
GENERAL DESCRIPTION: INSULATOR, SILICON POST WITH DROP TONGUE



VOLTAGE (V) =
 θ =
 DRY ARC DISTANCE (DA) =
 LEAKAGE DISTANCE (LD) =
 TENSION WORKING LOAD (TWL) =
 MAXIMUM WORKING CANTILEVER LOAD (WCL) =

SEE ITEM SPECIFICATIONS

BASE TYPES:

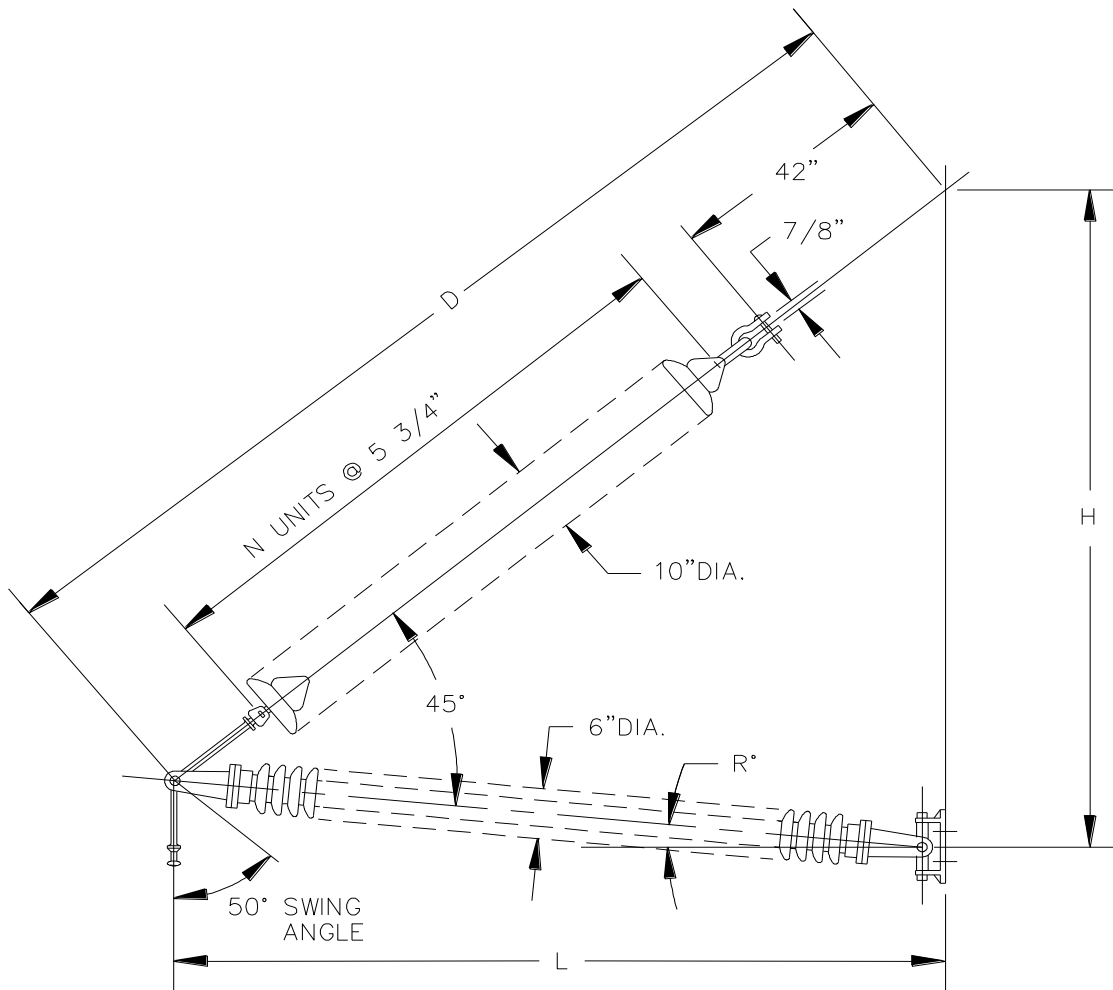


ITEM SPECIFICATIONS:

ITEM	VOLTAGE	θ	DA	LD	TWL	WCL	L	BASE TYPE	L1	L2	H1	D1
020	69kV	12°	36"	95"	7,500lbs	2,000lbs	45"	B1	12"	-	-	0.90"
021	69kV	12°	36"	95"	7,500lbs	2,000lbs	45"	B2	12"	10"	8"	0.90"
022	138kV	12°	49"	145"	7,500lbs	1,700lbs	54"	B2	12"	10"	8"	0.90"
023	138kV	12°	49"	145"	7,500lbs	1,700lbs	54"	B1	12"	-	-	0.90"
024	230kV	17°	78"	240"	10,000lbs	1,600lbs	86"	B2	14"	12"	10"	1.05"
025	230kV	17°	78"	240"	10,000lbs	1,600lbs	86"	B1	14"	-	-	1.05"
030	138kV	12°	49.5"	147"	2,500lbs	1,573lbs	58"	B1	12"	-	-	0.94"
032	230kV	17°	78.1"	232"	2,500lbs	1,703lbs	88"	B1	14"	-	-	1.06"
035	138kV	17°	48"	149"	10,000lbs	2,600lbs	60"	B2	10"-12"	10"-12"	8"-10"	1.06"

INSHV 001-002

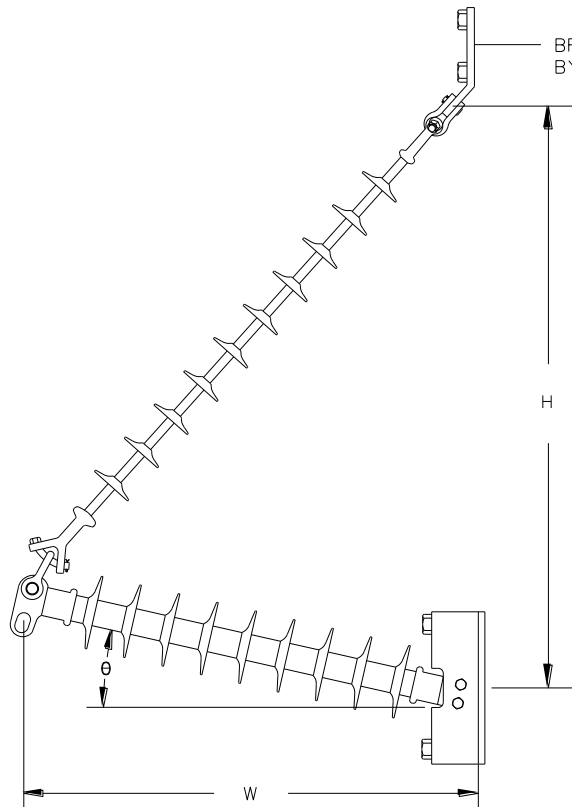
GENERAL DESCRIPTION: INSULATOR, HORIZONTAL VEE, HARDWARE IS H.D.G.



ITEM	VOLTAGE	UNITS	D	L	H	R
001	138KV	10	102 ¹ / ₁₆ "	79 ³ / ₄ "	73 ¹ / ₈ "	5
002	230KV	14	141 ³ / ₄ "	108 ⁹ / ₁₆ "	100 ³ / ₈ "	7

INSLP 011 - 014

GENERAL DESCRIPTION: INSULATOR, BRACED LINE POST, SILICON. ALL 138KV & 230KV INSULATORS TO INCLUDE CORONA RING ON SUSPENSION SUBASSEMBLY INSULATOR.



VOLTAGE (V) =

θ =

DRY ARC DISTANCE (DA) =

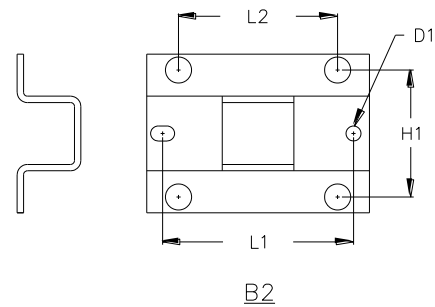
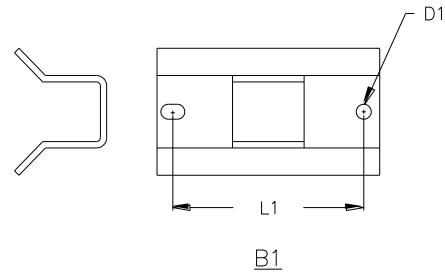
LEAKAGE DISTANCE (LD) =

TENSION WORKING LOAD (TWL) =

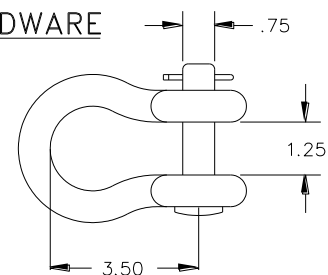
WORKING VERTICAL LOAD (WVL) =

SEE ITEM SPECIFICATIONS

BASE TYPES:



HARDWARE

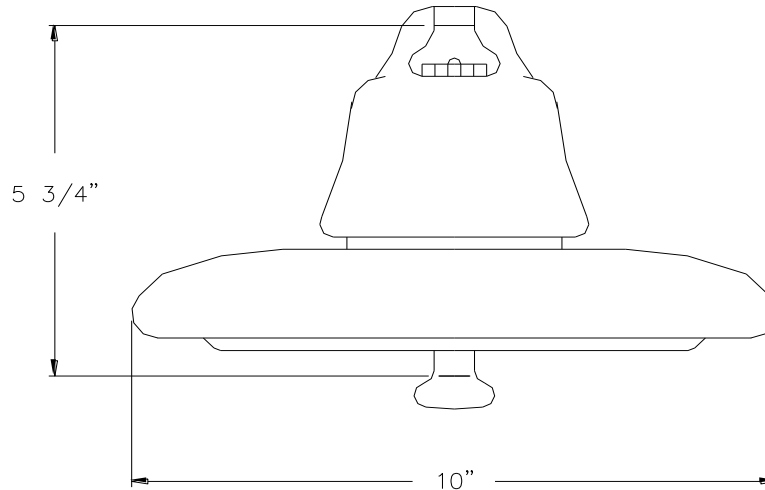


ITEM SPECIFICATIONS:

ITEM	VOLTAGE	θ	DA	LD	TWL	WVL	H	BASE TYPE	L1	L2	H1	D1
011	138kV	12°	49"	145"	7,500lbs	9,500lbs	66"	B2	12"	10"	8"	0.90"
012	138kV	12°	49"	145"	7,500lbs	9,500lbs	66"	B1	12"	-	-	0.90"
013	230kV	17°	94"	240"	5,000lbs	8,400lbs	94"	B2	14"	14"	10"	0.90"
014	230kV	17°	94"	240"	5,000lbs	8,400lbs	94"	B1	14"	-	-	0.90"

INSSU 003 - 005

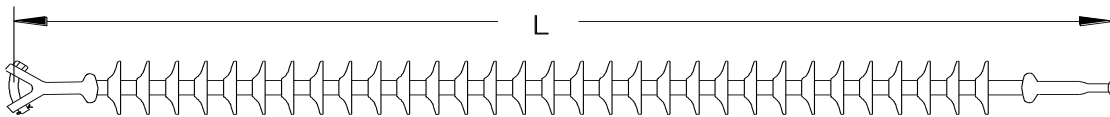
GENERAL DESCRIPTION: INSULATOR, PORCELAIN BELL WITH GALVANIZED END FITTINGS



ITEM	ANSI	STRENGTH		ITEM	ANSI	STRENGTH		ITEM	ANSI	STRENGTH
003	52-3	20,000		004	52-5	30,000		005	52-8	40,000

INSSU 007 - 010

GENERAL DESCRIPTION: INSULATOR, SUSPENSION, SILICON WITH NEMA 3/5 Y-CLEVIS BALL END FITTINGS, ECR GLASS, 30,000 LBS SML. 138KV & 230 KV INSULATORS SHALL INCLUDE CORONA RING



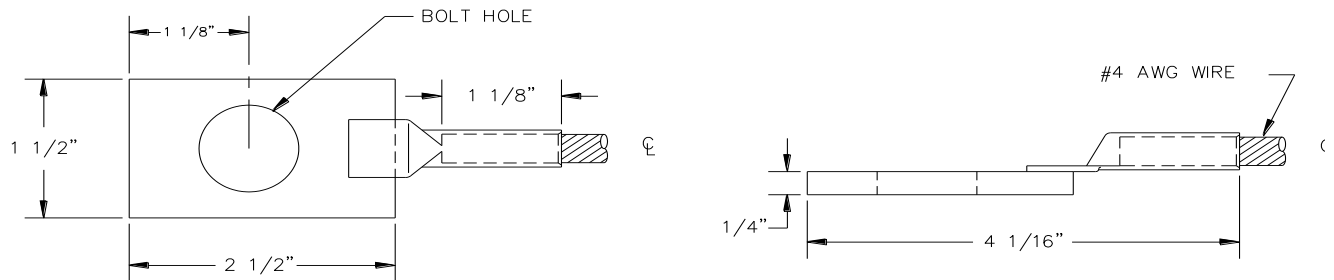
ITEM	KV	L	B		ITEM	KV	L	B		ITEM	KV	L	B
007	69	43"	7		008	138	66"	11		009	230	89"	15

'B' STANDS FOR THE NUMBER OF BELLS THIS
INSULATOR IS AN EXACT REPLACEMENT FOR

ITEM	KV	L	B
010	230	83"	n/a

LUGGR 001 – 003

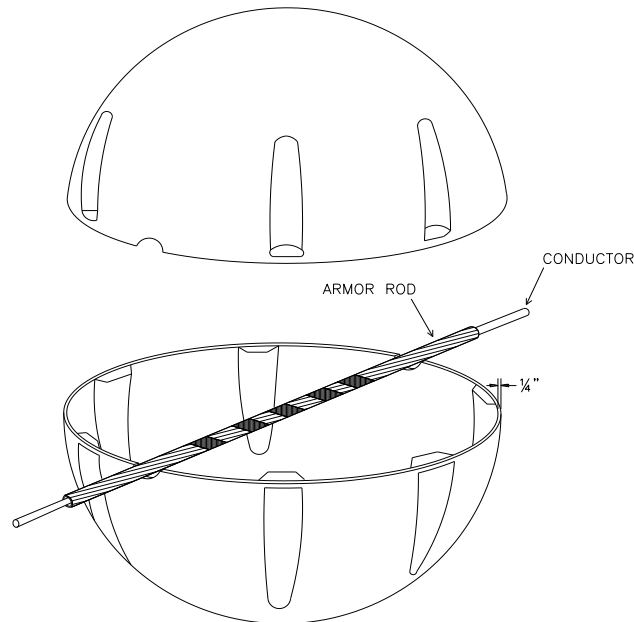
GENERAL DESCRIPTION: LUG FOR #4 SOLID WIRE, TIN PLATED COPPER, COMPRESSION



ITEM	BOLT HOLE DIAMETER
001	$1\frac{13}{16}$ "
002	$1\frac{15}{16}$ "
003	$1\frac{1}{16}$ "

MARPL

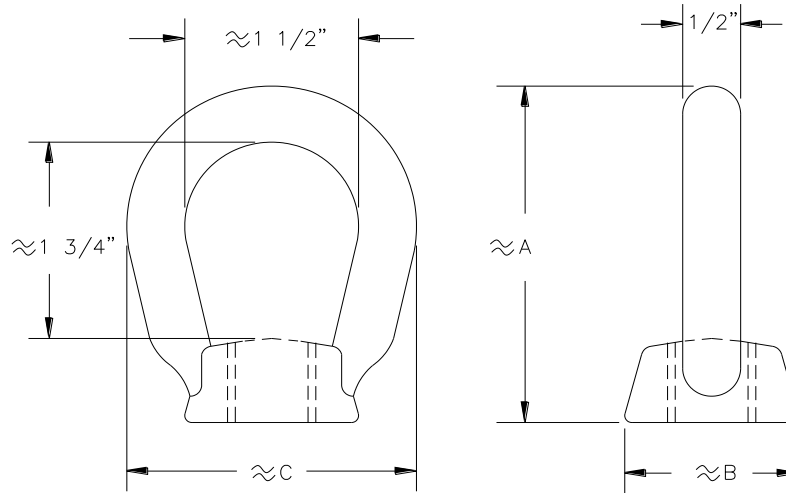
GENERAL DESCRIPTION: POWER LINE MARKER WITH CORONA PROTECTION FOR ENERGIZED TRANSMISSION LINES, ORANGE.



NOTE: THIS IS A NON-STOCK ITEM BUT CAN USUALLY BE DELIVERED WITHIN A WEEK. TO SPECIFY SELECT BALL DIAMETER (24 OR 36 INCH) BN (CORONA PROTECTION) AND WIRE TYPE AND SIZE. EX: 24BN954ACSR. THE BALL COMES WITH ALL CONNECTING HARDWARE. TANA (573) 796-3812

NUTEY 001 - 004

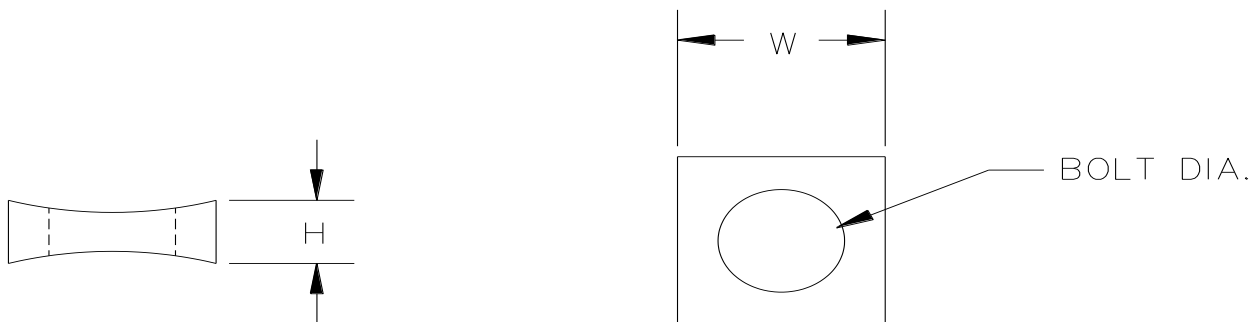
GENERAL DESCRIPTION: EYENUT, FORGED STEEL, H.D.G.,



ITEM	BOLT SIZE	A	B	C
001	1/2"	3"	1 1/4"	2 1/8"
002	5/8"	3"	1 3/8"	2 1/2"
003	3/4"	3"	1 3/8"	2 1/2"
004	7/8"			

NUTSL 002 - 006

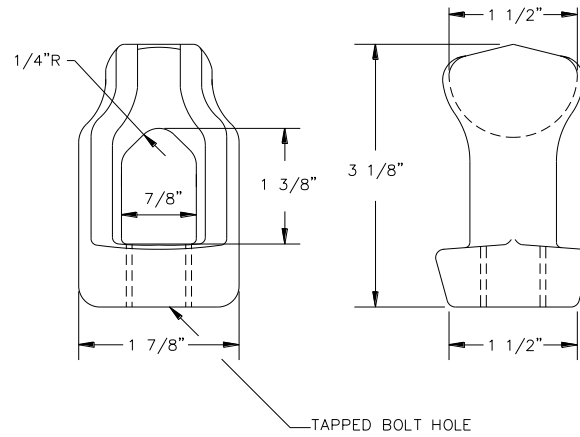
GENERAL DESCRIPTION: SQUARE MF LOCKNUT, H.D.G. STEEL



ITEM	W	H	BOLT DIA.
002	13/16"	19/64"	1/2"
003	1"	3/8"	5/8"
004	1 1/8"	7/16"	3/4"
005	1 5/16"	15/32"	7/8"
006	1 1/2"	15/32"	1"

NUTTE 001 - 004

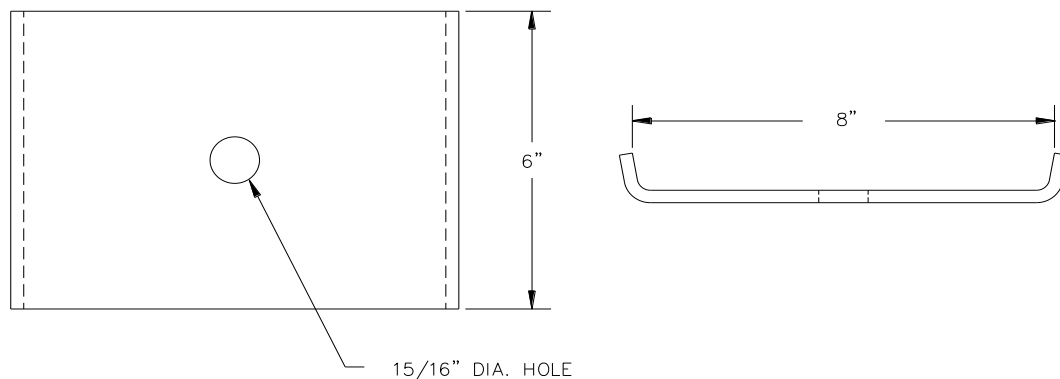
GENERAL DESCRIPTION: EYENUT, THIMBLE, FORGED STEEL, H.D.G.



ITEM	TYPE	BOLT SIZE
001	SINGLE	5/8"
002	SINGLE	3/4"
003	TWIN	3/4"
004	SINGLE	7/8"

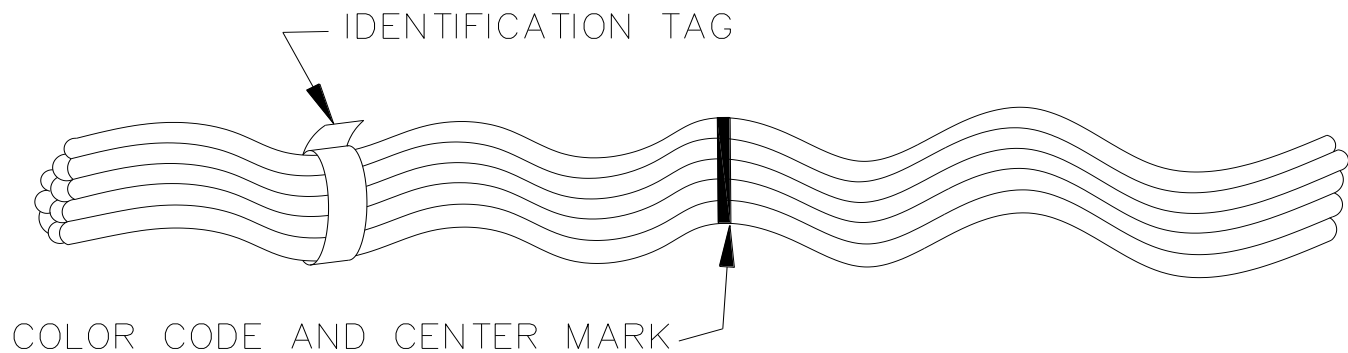
PLACR 001

GENERAL DESCRIPTION: PLATE, CROSSARM REINFORCING, H.D.G.



RODAR 005 - 008

GENERAL DESCRIPTION: ARMOR ROD, ALUMINUM ALLOY



ITEM	CONDUCTOR DIA. RANGE	WIRE TYPE	LENGTH (INCHES)	ROD DIA. (INCHES)	RODS PER SET	COLOR CODE
005	0.908 – 0.929	556 ASCR	80	.250	13	GREEN
006	1.099 – 1.139	954 AAC	100	.310	12	ORANGE
007	1.162 – 1.208	954 ASCR	100	.310	13	RED
008	1.509 – 1.578	1590 ASCR	100	.436	12	GREEN

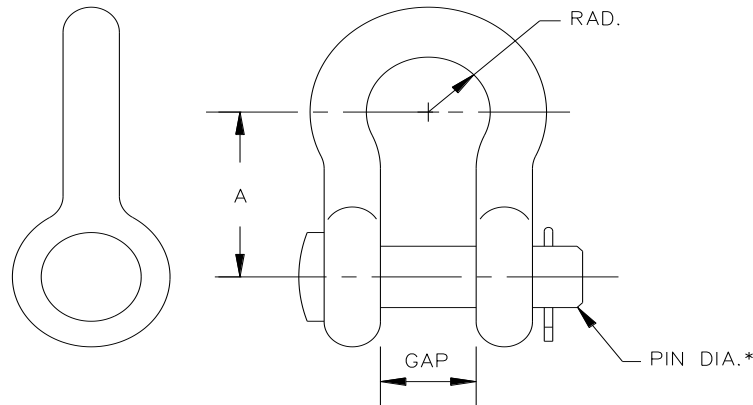
RODGR 003

GENERAL DESCRIPTION: GROUND ROD, $\frac{5}{8}$ " X 8', THREADLESS

SHAAN 001 - 004

GENERAL DESCRIPTION: ANCHOR SHACKLE W/PIN, FORCED STEEL, H.D.G., STAINLESS STEEL COTTER PIN

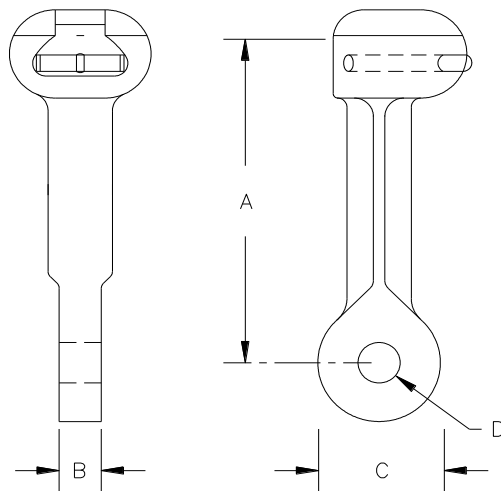
NOTE: ITEM 003 SUPPLIED WITH BOLT, NUT, AND COTTER PIN



ITEM	A	GAP	PIN DIA.	RAD	STRENGTH
001	2 ³ / ₁₆ "	⁷ / ₈ "	⁵ / ₈ "	⁵ / ₈ "	25,000 LBS
002	2 ³ / ₄ "	1 ¹ / ₁₆ "	³ / ₄ "	³ / ₄ "	35,000 LBS
003	3 ¹ / ₂ "	⁷ / ₈ "	³ / ₄ "	³ / ₄ "	50,000 LBS
004	3 ¹ / ₂ "	⁷ / ₈ "	³ / ₄ "	³ / ₄ "	60,000 LBS

SOCEY 001 - 005

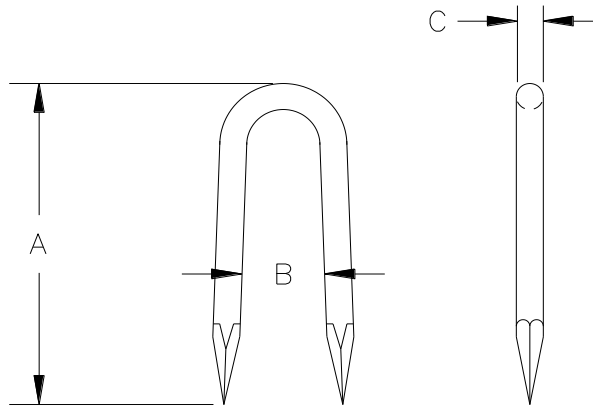
GENERAL DESCRIPTION: SOCKET-EYE, H.D.G. DUCTILE IRON/FORGED STEEL, S.S. COTTER PIN



ITEM	STRENGTH	A	B	C	D
001	35,000 LBS	5 ¹ / ₂ "	1 ¹ / ₁₆ "	2"	¹¹ / ₁₆ "
003	25,000 LBS	2 ⁵ / ₁₆ "	1 ¹ / ₁₆ "	1 ¹ / ₂ "	¹³ / ₁₆ "
004	20,000 LBS	2 ¹ / ₂ "	¹ / ₂ " - ³ / ₄ "	1 ¹ / ₂ " - 1 ³ / ₄ "	¹¹ / ₁₆ " - ¹³ / ₁₆ "
005	50,000 LBS	5 ⁵ / ₁₆ "	1 ⁷ / ₁₆ "	2 ¹ / ₄ "	¹⁵ / ₁₆ "
007	40,000 LBS	5 ⁵ / ₁₆ "	1 ¹ / ₁₆ "	2 ¹ / ₄ "	1 ¹ / ₁₆ "

STAPL 002 - 003

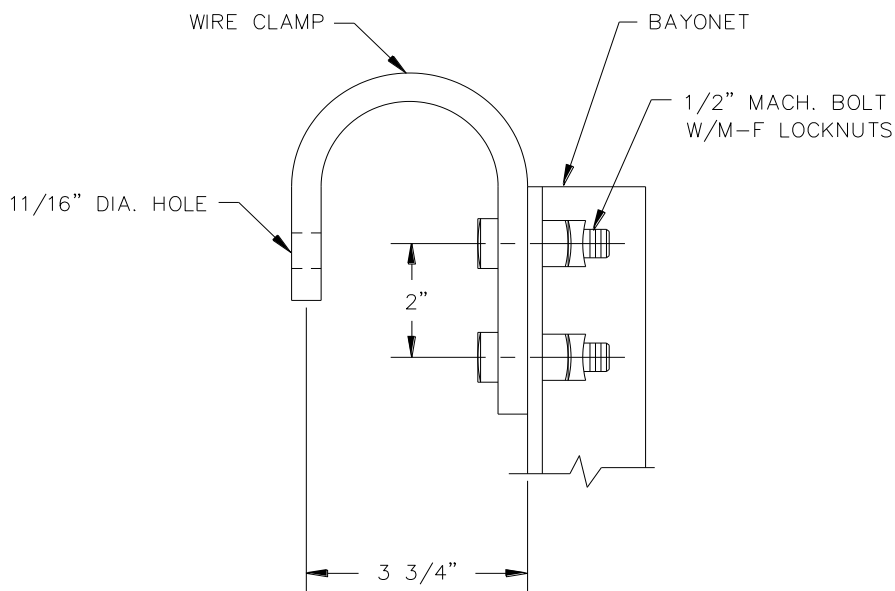
GENERAL DESCRIPTION: STAPLE, COPPER COATED STEEL



ITEM	A	B	C
002	1 1/2"	5/16"	.144"
003	2"	1 1/2"	.162"

SUPSH 001

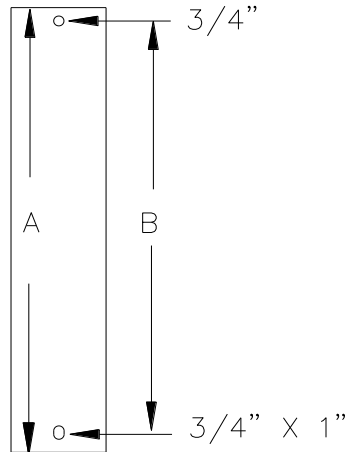
GENERAL DESCRIPTION: STATIC GOOSENECK WIRE CLAMP FOR USE WITH BAYONETS, H.D.G.,



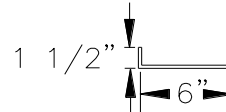
TAGHO 001

GENERAL DESCRIPTION: TAG HOLDER, FIBERGLASS, .25" THICK

(Front View)



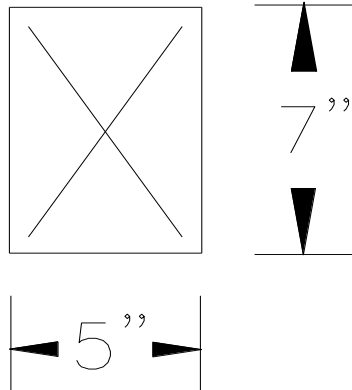
(Top View)



ITEM	USE	A	B
001	WOOD POLES	33"	32"
002	CONCRETE POLES	39"	36"

TAGRT 001- 013

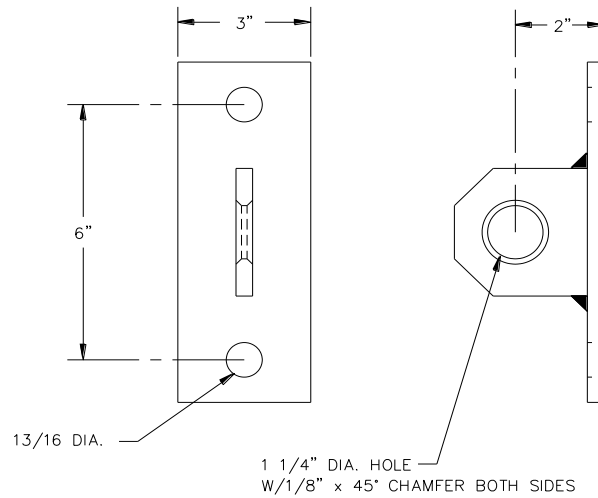
TAG, NUMBER , 5"W X 7"H FOR TRANSMISSION POLES. 3M ENGINEERING GRADE YELLOW REFLECTIVE SHEETING WITH 3M OPAQUE BLACK BACKGROUND INK, 25 PIECES PER RE-SEALABLE CLEAR POLY BAG



ITEM		ITEM		ITEM		ITEM		ITEM	
001	'1'	004	'4'	007	'7'	010	'0'	013	'C'
002	'2'	005	'5'	008	'8'	011	'A'		
003	'3'	006	'6'	009	'T'	012	'B'		

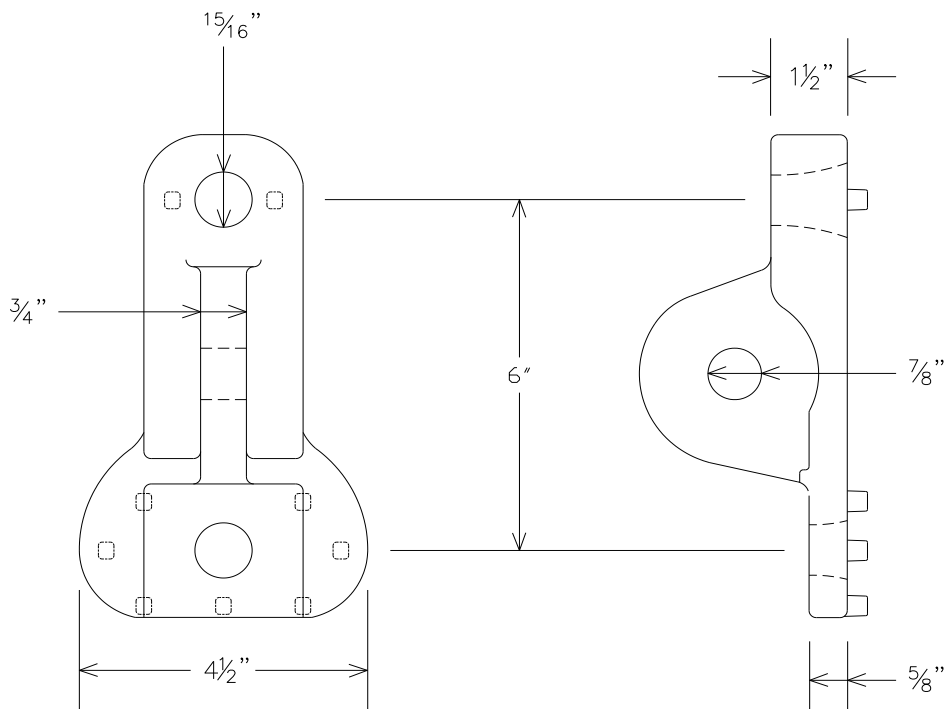
TEEDE 001

GENERAL DESCRIPTION: TEE, DEADEND, VERTICAL, FOR GUYING, H.D.G., NO LONGER USED ON NEW CONSTRUCTION BECAUSE OF FAILURES



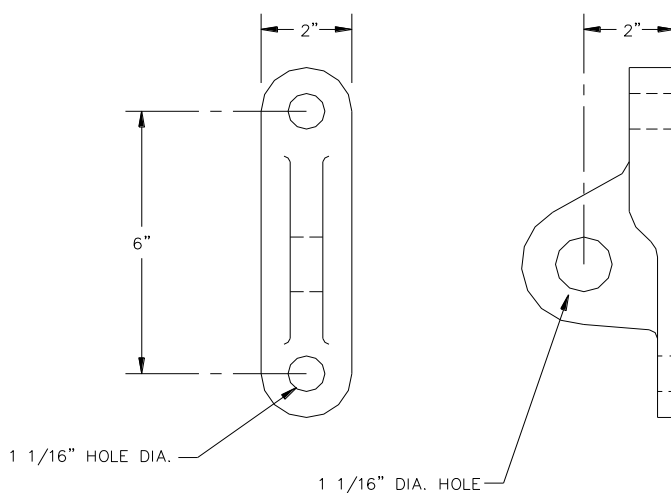
TEEDE 002

GENERAL DESCRIPTION: DEADEND TEE FOR WOOD POLE DEADENDS AND GUYING, H.D.G.,



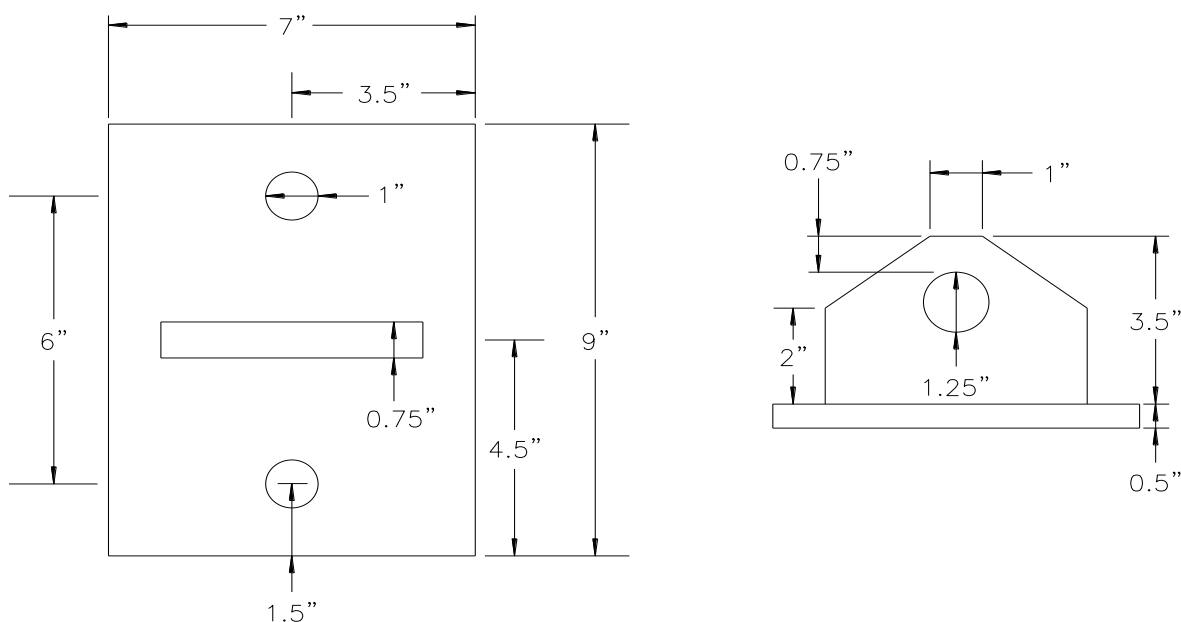
TEEDE 003

GENERAL DESCRIPTION: DEADEND TEE, VERTICAL ATTACHMENT HOLE, H.D.G., 60,000 LBS



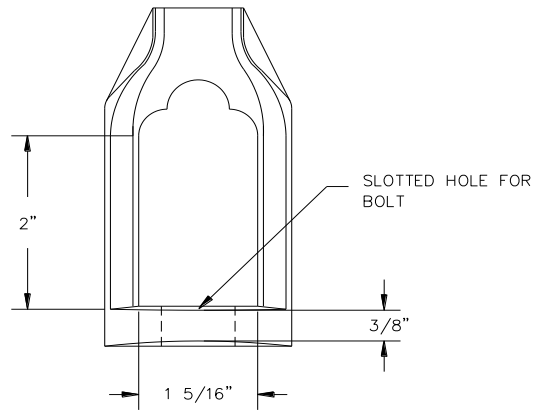
TEEDE 005

GENERAL DESCRIPTION: DEADEND TEE, HORIZONTAL ATTACHMENT HOLE, H.D.G., 20,000LBS



THIEY 001 - 002

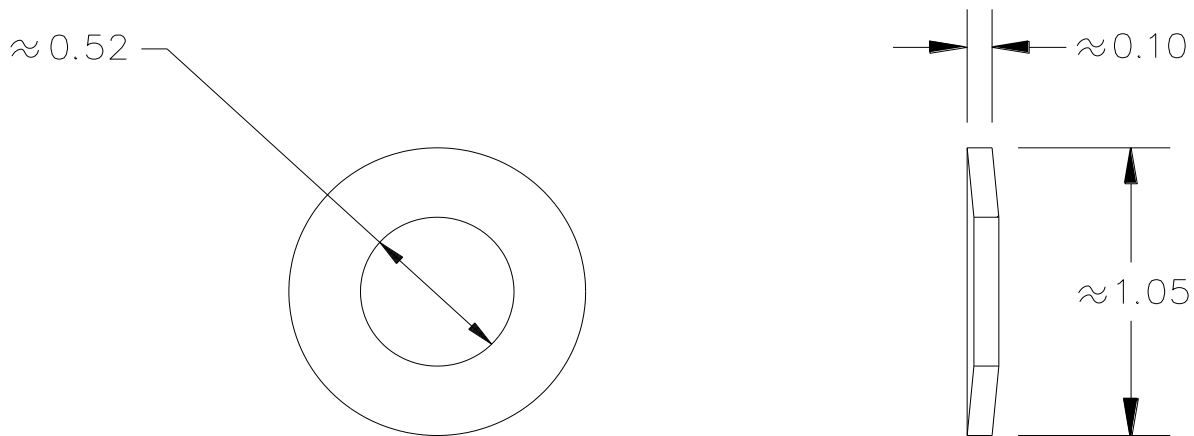
GENERAL DESCRIPTION: THIMBLE EYELET, STRAIGHT, FORGED STEEL, H.D.G.,



ITEM	TYPE	BOLT DIA.
001	SINGLE	$\frac{3}{4}$ "
002	TWIN	1"

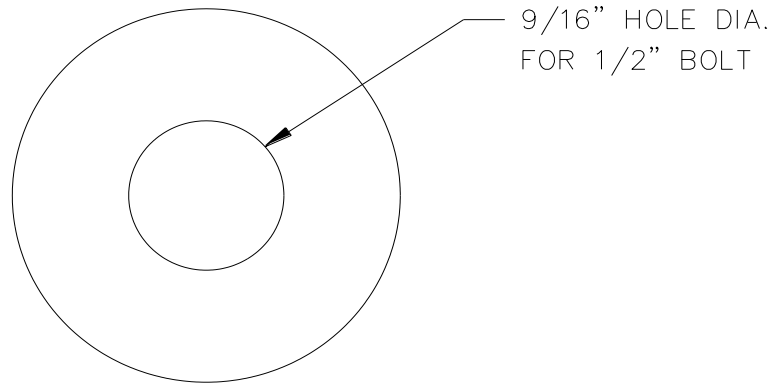
WASBA 500

GENERAL DESCRIPTION: WASHER, BELLVILLE, STAINLESS STEEL FOR $\frac{1}{2}$ " BOLT



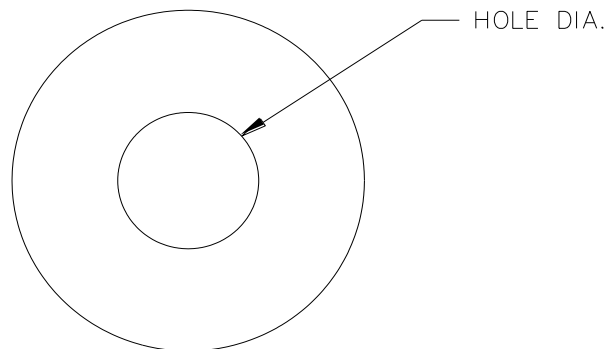
WASFG 500

GENERAL DESCRIPTION: WASHER, ROUND FLAT, 316 STAINLESS STEEL



WASRD 002 - 007

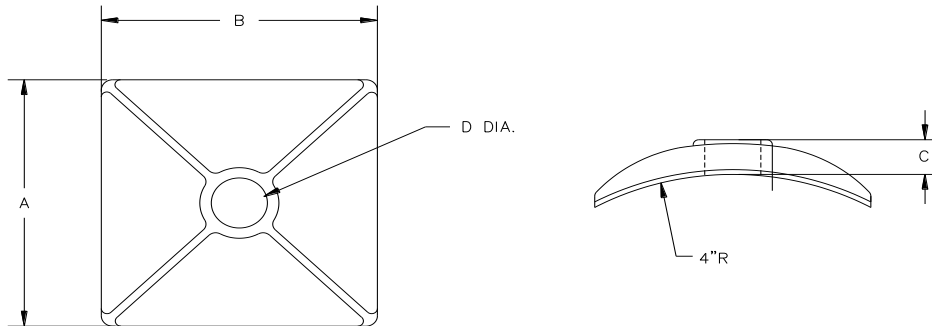
GENERAL DESCRIPTION: ROUND FLAT WASHER, H.D.G. STEEL



ITEM	BOLT SIZE	HOLE DIA.
002	$\frac{3}{8}$ "	$\frac{7}{16}$ "
003	$\frac{1}{2}$ "	$\frac{9}{16}$ "
004	$\frac{5}{8}$ "	$\frac{11}{16}$ "
005	$\frac{3}{4}$ "	$\frac{13}{16}$ "
006	$\frac{7}{8}$ "	$\frac{15}{16}$ "
007	1"	1 $\frac{1}{16}$ "

WASSC 001 - 003

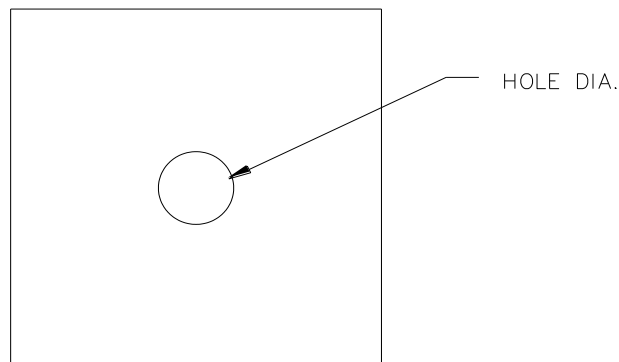
GENERAL DESCRIPTION: WASHER, SQUARE-CURVED, MALLEABLE IRON, H.D.G.,



ITEM	BOLT SIZE	A & B	C	D
001	$\frac{5}{8}'' - \frac{3}{4}''$	4''	$\frac{9}{16}''$	$\frac{13}{16}''$
002	$\frac{3}{4}'' - \frac{7}{8}''$	4''	$\frac{9}{16}''$	$\frac{15}{16}''$
003	$\frac{7}{8}'' - 1''$	5''	$\frac{13}{16}''$	$1\frac{1}{16}''$

WASSF 001 - 005

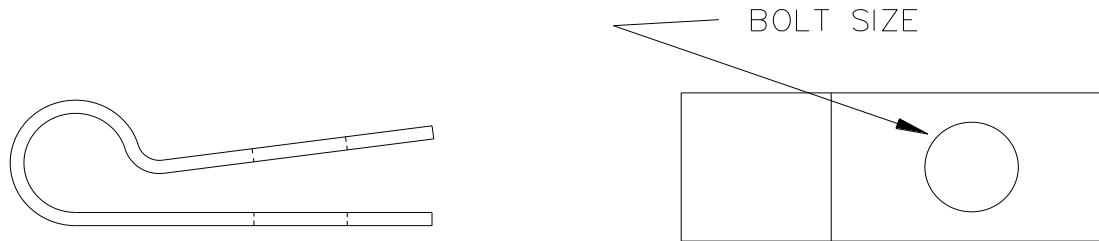
GENERAL DESCRIPTION: WASHER, SQUARE FLAT, H.D.G. STEEL,



ITEM	BOLT SIZE	WASHER SIZE	HOLE DIA.
001	$\frac{1}{2}''$	2'' X 2'' X $\frac{1}{8}''$	$\frac{9}{16}''$
002	$\frac{5}{8}''$	2 $\frac{1}{4}''$ X 2 $\frac{1}{4}''$ X $\frac{3}{16}''$	$\frac{11}{16}''$
003	$\frac{3}{4}''$	3'' X 3'' X $\frac{1}{4}''$	$\frac{13}{16}''$
004	$\frac{7}{8}''$	4'' X 4'' X $\frac{1}{4}''$	$\frac{15}{16}''$
005	1''	4'' X 4'' X $\frac{1}{2}''$	$1\frac{1}{16}''$

WASSP 003 - 006

GENERAL DESCRIPTION: WASHER, SPRING, H.D.G. STEEL

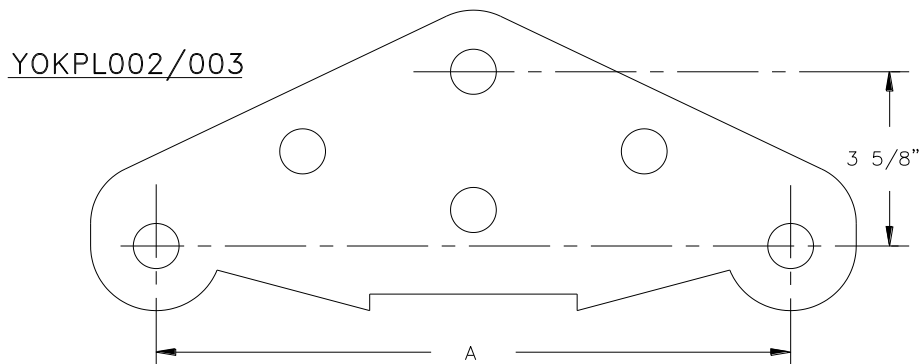
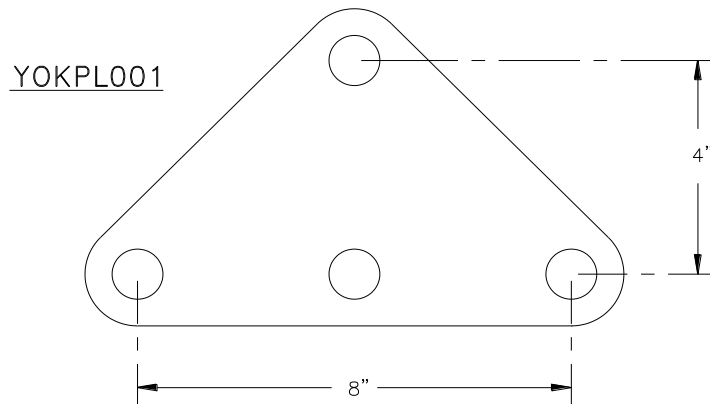


ITEM	BOLT SIZE	ITEM	BOLT SIZE	ITEM	BOLT SIZE	ITEM	BOLT SIZE
003	$\frac{1}{2}$ "	004	$\frac{5}{8}$ "	005	$\frac{3}{4}$ "	006	$\frac{7}{8}$ "

YOKPL 001 - 005

GENERAL DESCRIPTION: YOKE PLATE, SUSPENSION, GALVANIZED STEEL

- 001: VEE STRING TYPE, 8" INSULATOR SPACING, 30,000 #, $\frac{5}{8}$ " THICKNESS, $\frac{15}{16}$ " HOLES.
 002: TRIANGULAR STRAIN, A=13" INSULATOR SPACING, 40,000#, $\frac{5}{8}$ " THICKNESS, $\frac{15}{16}$ " HOLES,
 003: TRIANGULAR STRAIN, A=16" INSULATOR SPACING, 40,000#, $\frac{3}{4}$ " THICKNESS, $\frac{15}{16}$ " HOLES
 004: TRIANGULAR STRAIN, 13" INSULATOR SPACING, 60,000#, $\frac{15}{16}$ " HOLE DIA
 005: TRIANGULAR STRAIN, 18" INSULATOR SPACING, 60,000#, $\frac{15}{16}$ " HOLE DIA



HIGH TEMPERATURE EQUIPMENT:

ADCVF002: COMPOUND, VOID FILLER, HIGH TEMPERATURE (250C)

CLAJU010: CUSHION GRIP ASSEMBLY FOR 954 ACSS

CNNAJ010: ALUMINUM JUMPER TERMINAL FOR 954 ACSS

DEACB016: DEADEND COMPRESSION ASSEMBLY FOR 954ACSS

DEACB017: DEADEND COMPRESSION ASSEMBLY FOR 954ACSS

GRISA009: ARMOR GRIP SUSPENSION ASSEMBLY FOR 954 ACSS (SINGLE)

GRISA010: ARMOR GRIP SUSPENSION ASSEMBLY FOR 954 ACSS (DOUBLE)

SLEFT015: SLEEVE, FULL TENSION, 954ACSS