

## SUSPENSION ALUMINUM CLAMP

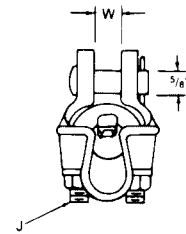
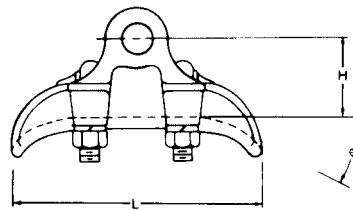
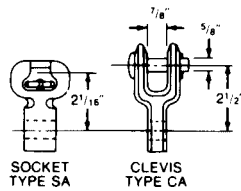
ALUMINUM
<b>HAS</b>

For standard voltage application with all aluminum, ACSR, or aluminum alloy conductor.

Material: Body and Keeper—356 T6 aluminum alloy  
Hardware—galvanized steel  
Socket and Clevis—ductile iron, galvanized  
Cotter Pin—#302 stainless steel



TB

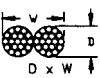









CATALOG NUMBER	FITTING		CLAMPING RANGE INCHES (MM)	ULTIMATE BODY STRENGTH LBS. (KG)	MAX. TAKE-OFF ANGLE	DIMENSIONS INCHES (MM)					APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.				o	L	W	H	J	
HAS-62-N HAS-62-S HAS-62-C	None Socket Clevis	— SA-04 CA-04	.20-.62 (5.08-15.75)	17,000 (7,711)	30°	6-3/4 (171.45)	29/32 (23.02)	2-9/32 (57.94)	1/2 (12.70)	1.9 (.86) 3.2 (1.45) 3.5 (1.59)	
HAS-85-N HAS-85-S HAS-85-C	None Socket Clevis	— SA-06 CA-06	.40-.85 (10.16-21.59)	18,000 (8,165)	30°	7-1/2 (190.50)	15/16 (23.81)	2-9/16 (65.09)	1/2 (12.70)	2.1 (.95) 3.4 (1.54) 3.8 (1.72)	
HAS-104-N HAS-104-S HAS-104-C	None Socket Clevis	— SA-10 CA-10	.50-1.04 (12.70-26.42)	25,000 (11,340)	30°	8-1/8 (206.38)	1-5/32 (29.37)	2-3/4 (69.85)	1/2 (12.70)	2.5 (1.13) 3.9 (1.77) 4.2 (1.91)	
HAS-118-N HAS-118-S HAS-118-C	None Socket Clevis	— SA-10 CA-10	.70-1.18 (17.78-29.97)	25,000 (11,340)	22.5°	8 (203.20)	1-11/32 (34.13)	2-3/4 (69.85)	1/2 (12.70)	2.8 (1.27) 4.2 (1.91) 4.5 (2.04)	
HAS-139-N HAS-139-S HAS-139-C	None Socket Clevis	— SA-13 CA-13	.90-1.39 (22.86-35.31)	25,000 (11,340)	22.5°	8-7/8 (225.43)	1-17/32 (38.89)	3 (76.20)	1/2 (12.70)	3.2 (1.45) 4.9 (2.22) 5.0 (2.27)	
HAS-147-N HAS-147-S HAS-147-C	None Socket Clevis	— SA-13 CA-13	1.00-1.47 (25.40-37.34)	25,000 (11,340)	22.5°	9-3/16 (233.36)	1-9/16 (39.69)	3-1/8 (79.38)	1/2 (12.70)	3.5 (1.59) 5.2 (2.36) 5.3 (2.40)	
HAS-162-N HAS-162-S HAS-162-C	None Socket Clevis	— SA-13 CA-13	1.10-1.62 (27.94-41.15)	25,000 (11,340)	22.5°	9-1/2 (241.30)	1-13/16 (46.04)	3-5/64 (78.18)	1/2 (12.70)	3.8 (1.72) 5.5 (2.49) 5.6 (2.54)	
HAS-182-N HAS-182-S HAS-182-C	None Socket Clevis	— SA-16 CA-16	1.25-1.82 (31.75-46.23)	25,000 (11,340)	25°	10 (254)	1-15/16 (49.21)	3-11/64 (80.57)	1/2 (12.70)	4.2 (1.91) 6.0 (2.72) 6.2 (2.81)	
HAS-204-N HAS-204-S HAS-204-C	None Socket Clevis	— SA-16 CA-16	1.40-2.04 (35.56-51.82)	25,000 (11,340)	20.5°	10-1/2 (266.70)	2-11/64 (55.17)	3-17/32 (89.69)	1/2 (12.70)	4.9 (2.22) 6.7 (3.04) 6.9 (3.13)	
HAS-213-N HAS-213-S HAS-213-C	None Socket Clevis	— SA-16 CA-16	1.40-2.13 (35.56-54.10)	25,000 (11,340)	22°	10-1/2 (266.70)	2-1/4 (57.15)	3-5/8 (92.08)	5/8 (15.88)	6.0(2.72) 7.8(3.54) 8.0(3.63)	
HAS-252-N HAS-252-S HAS-252-C	None Socket Clevis	— SA-22 CA-22	2.00-2.52 (50.80-64.01)	30,000 (13,608) 30,000 (13,608) 25,000 (11,340)	17.5°	12 (304.80)	2-11/16 (68.26)	4-1/4 (107.95)	5/8 (15.88)	9.0 (4.08) 10.8 (4.90) 11.3 (5.13)	

NOTE: Recommended torque on U-bolts: 1/2"—480 in. lbs. 5/8"—720 in. lbs.

SUSPENSION AND STIRRUP CLAMPS

RECOMMENDED APPLICATION CHART OF ANDERSON CLAMPS FOR T-2 CONDUCTOR

CONDUCTOR DATA				RECOMMENDED CLAMPS						
CODE WORD	CONDUCTOR SIZE (QTY.) AWG	DUAL CONDUCTORS OUTSIDE DIMENSIONS INCHES 	T2 CONDUCTOR ULTIMATE STRENGTH LBS	 ALUMINUM SUSPENSION CLAMP DOUBLE GROOVE KEEPER	 345 KV CORONA FREE ALUMINUM SUSPENSION CLAMP DOUBLE GROOVE	 ALUMINUM TRUNION SUSPENSION CLAMP DOUBLE GROOVE KEEPER	 DUCTILE IRON TRUNION SUSPENSION CLAMP WITH ALUMINUM DOUBLE GROOVE KEEPER	 ALUMINUM SUSPENSION CLAMP SINGLE GROOVE	 ALUMINUM TRUNION SUSPENSION CLAMP SINGLE GROOVE	 ALUMINUM MECHANICAL STIRRUP SINGLE GROOVE
T-2 IRIS	(2) 2-7STR. AAC.	.292 x .584	2532					HAS-85	TSC-57 (3)	AHLS-024019-E
T-2 SPARROW	(2) 2-6/1 ACSR	.316 x .682	5580			TSCT2-150	TSCDT2-150	HAS-85	TSC-86 (4)	AHLS-024019-E
T-2 RAVEN	(2) 1/0-6/1 ACSR	.398 x .796	8560	HAST2-118	CFST2-75	TSCT2-150	TSCDT2-150	HAS-104	TSC-86 (3)	AHLS-397021-E
T-2 QUAIL	(2) 2/0-6/1 ACSR	.447 x .894	10,690	HAST2-118	CFST2-75	TSCT2-150	TSCDT2-150	HAS-104	TSC-106-T2(3)	AHLS-397021-E
T-2 PIGEON	(2) 3/0-6/1 ACSR	.502 x 1.004	13,350	HAST2-118	CFST2-75	TSCT2-150	TSCDT2-150	HAS-118	TSC-150-T2(4)	AHLS-954022-E
T-2 PENQUIN	(2) 4/0-6/1 ACSR	.562 x 1.126	16,840	HAST2-139	CFST2-75	TSCT2-150	TSCDT2-150	HAS-139	TSC-150-T2(3)	AHLS-954022-E
T-2 PARTRIDGE	(2) 266.8-26/7 ACSR	.642 x 1.284	22,500	HAST2-139	CFST2-75	TSCT2-200	TSCDT2-200	HAS-139	TSC-150-T2(3)	
T-2 LINNET	(2) 336.4-26/7 ACSR	.721 x 1.442	28,100	HAST2-182	CFST2-75	TSCT2-200	TSCDT2-200	HAS-162	TSC-150-T2(3)	
T-2 CHICKADEE	(2) 397.5-18/1 ACSR	.743 x 1.486	20,080	HAST2-182	CFST2-75	TSCT2-200	TSCDT2-200	HAS-182		
T-2 IBIS	(2) 397.5-26/7 ACSR	.783 x 1.566	32,380	HAST2-182	CFST2-88	TSCT2-200	TSCDT2-200	HAS-182		
T-2 PELICAN	(2) 477.0-18/1 ACSR	.814 x 1.628	23,740	HAST2-182	CFST2-88	TSCT2-200	TSCDT2-200	HAS-182		
T-2 MISTLETOE	(2) 556.5-37 STR.AAC	.858 x 1.716	19,660		CFST2-88	TSCT2-200	TSCDT2-200	HAS-204		
T-2 HAWK	(2) 477.0-26/7 ACSR	.858 x 1.716	38,860		CFST2-88	TSCT2-200	TSCDT2-200	HAS-204		
T-2 OSPREY	(2) 556.5-18/1 ACSR	.879 x 1.758	27,700		CFST2-88	TSCT2-200	TSCDT2-200	HAS-204		
T-2 HEN	(2) 447.0-30/7 ACSR	.883 x 1.766	46,600		CFST2-88	TSCT2-200	TSCDT2-200			
T-2 DOVE	(2) 556.5-26/7 ACSR	.927 x 1.854	44,800		CFST2-130			HAS-204		
T-2 ROOK	(2) 636.0-24/7 ACSR	.977 x 1.954	45,200	HAST2-252	CFST2-130					
T-2 GROSBEAK	(2) 636.0-26/7 ACSR	.990 x 1.980	50,000	HAST2-252	CFST2-130			HAS-227		
T-2 TERN	(2) 795.0-45/7 ACSR	1.063 x 2.126	45,800	HAST2-252	CFST2-130			HAS-252T2		
T-2 RAIL	(2) 954.0-45/7 ACSR	1.165 x 2.330	53,800	HAST2-252	CFST2-130			HAS-252T2		
T-2 BLUEJAY	(2) 1113.0-45/7 ACSR	1.259 x 2.518	61,800		CFST2-130			HAS-280		

(3) ON CATALOG TYPE TSC USE LARGE SIDE OF KEEPER ON CABLE SPECIFIED.

(4) ON CATALOG TYPE TSC USE SMALL SIDE OF KEEPER ON CABLE SPECIFIED.