

SUSPENSION CLAMPS: THCSA (EHV)

TRUNNION HELICAL CUSHION SUSPENSION ASSEMBLY

THE THCSA (EHV) IS A BOLTED ALUMINUM TRUNNION SUSPENSION CLAMP DESIGNED TO PROVIDE ENHANCED CONDUCTOR SUPPORT AND PROTECTION.

The THCSA (EHV) combines a cast aluminum clamp assembly with helical aluminum alloy rod sets and EPDM rubber inserts. The rubber inserts are assembled directly onto the conductor and are held in place with helical rods. The clamp assembly is then bolted around the helical wrapped rubber supporting inserts to complete the trunnion install.

FEATURES & BENEFITS

- Rated for up to 250°C
- Designed for use on standard and EHV voltage applications with all aluminum, ACSR, ACSS, or aluminum alloy conductors
- No Fitting
- Clamping Range of 0.908 - 1.208 inches
- Trunnion Suspension for up to 30° line angle application

ALUMINUM

THCSA (EHV)



hubbelpowersystems.com

For product inquiries, please contact your local sales representative or customer service representative.

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Catalog Number	Conductor Dia. Range Inches [mm]	Nominal Conductor Size (AWG or KCMIL)		ULT. Body Strength (LBS)	Applied Rod Length Inches [mm]	Rod Dia. Inches	Rods per Set	Std. Pack		Assembly Wt. (LBS)	L Inches [mm]	Helical Rod Color Code
		ACSR/ACSS	AAC/AAAC					Rods	Clamp			
THCSA0920E	0.908-0.920 [23.06-23.37]	556.5 (24/7)	636 (37W)	5000	65.40 [1660]	0.250	12	6	6	44	8.80 [224]	YELLOW
THCSA0937E	0.921-0.937 [23.39-23.80]	555.6 (26/7)	650 (61-91W)	5000	66.00 [1676]	0.250	12	6	6	44	8.80 [224]	BLACK
THCSA0962E	0.938-0.962 [23.83-24.43]	605 (24/7)		5000	67.00 [1702]	0.250	12	6	6	44	8.80 [224]	WHITE
THCSA0986E	0.963-0.986 [24.46-25.04]	636 (24/7)	715.5 (61W)	5000	68.00 [1730]	0.250	13	6	6	44	8.80 [224]	BROWN
THCSA1005E	0.987-1.005 [25.07-25.53]	636 (26/7)	750 (61W)	5000	69.10 [1755]	0.250	13	6	6	44	8.80 [224]	ORANGE
THCSA1022E	1.006-1.022 [25.55-25.96]	636 (30/19)		5000	80.30 [2040]	0.310	11	3	3	32	9.00 [229]	PURPLE
THCSA1040E	1.023-1.040 [25.98-26.42]	795 (36/1)	795 (37-61W)	5000	81.10 [2060]	0.310	11	3	3	32	9.00 [229]	RED
THCSA1074E	1.041-1.074 [26.44-27.28]	715.5 (26/7)	833.6 (37)	5000	82.00 [2083]	0.310	11	3	3	32	9.00 [229]	BLUE
THCSA1090E	1.075-1.090 [27.31-27.69]	715.5 (30/19)	874.5 (37W)	5000	82.00 [2083]	0.310	12	3	3	32	9.00 [229]	GREEN
THCSA1118E	1.091-1.118 [27.71-28.40]	795 (26/7)	900 (37-61W)	5000	82.00 [2083]	0.310	12	3	3	32	9.00 [229]	YELLOW
THCSA1136E	1.119-1.136 [28.42-28.85]	900 (45/7)	954 (37W)	5000	82.00 [2083]	0.310	12	3	3	32	9.00 [229]	BLACK
THCSA1152E	1.137-1.152 [28.88-29.26]	795 (30/19)	1000 (61W)	5000	82.00 [2083]	0.310	12	3	3	32	9.00 [229]	WHITE
THCSA1175E	1.153-1.175 [29.29-29.85]	954 (45/7)	1033.5 (37W)	5000	82.00 [2083]	0.310	12	3	3	32	9.00 [229]	BROWN
THCSA1208E	1.176-1.208 [29.87-30.68]	954 (54/7)	1092.3 (61)	5000	82.00 [2083]	0.310	12	3	3	43	9.00 [229]	ORANGE

(1) Right-hand lay standard. (2) For aluminum conductors types & sizes not listed, select catalog number based on dia. range to accommodate conductor.

