

# SUSPENSION CLAMPS: DHCSA

ALUMINUM

DHCSA

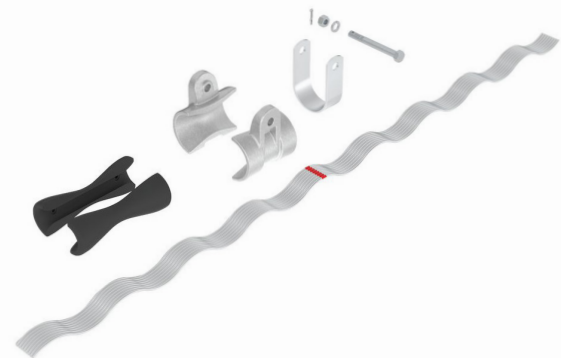
## DOUBLE HELICAL CUSHION SUSPENSION ASSEMBLY

**THE DHCSA IS A BOLTED ALUMINUM SUSPENSION CLAMP DESIGNED TO PROVIDE ENHANCED CONDUCTOR SUPPORT AND PROTECTION.**

The DHCSA 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 install.

### FEATURES & BENEFITS

- Rated for up to 250°C
- The DHCSA clamps are two HCSA clamps with one shared set of helical rods
- Designed for use on standard voltage applications with all aluminum, ACSR, ACSS, or aluminum alloy conductors
- No Fitting
- Clamping Range of 0.543 - 0.907 inches
- Double Suspension for 30° - 60° line angle application



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**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.	Rods per Set	Std. Pack		Assembly Wt. (LBS)	L Inches [mm]	Yoke Plate Attachment Spacing [mm]	Helical Rod Color Code
		ACSR/ACSS	AAC/AAAC					Rods					
DHCSA0555	0.543-0.555 [13.79-14.10]	NA	NA	20000	58 [1473]	0.182	10	6	6	34	5.31 [135]	12.00 [3304.8]	BLACK
DHCSA0573	0.556-0.573 [14.12-14.55]	4/0 (6/1)	246.7 (7) 250 (7)	20000	58 [1473]	0.182	11	6	6	35	5.31 [135]	12.00 [3304.8]	WHITE
DHCSA0594	0.574-0.594 [14.58-15.09]	NA	250 (19) 266.8 (7)	20000	58 [1473]	0.182	11	6	6	35	5.31 [135]	12.00 [3304.8]	BROWN
DHCSA0606	0.595-0.606 [15.11-15.39]	NA	NA	20000	58 [1473]	0.182	11	6	6	35	5.31 [135]	12.00 [3304.8]	ORANGE
DHCSA0619	0.607-0.619 [15.42-15.72]	266.8 (18/1)	NA	20000	58 [1473]	0.182	11	6	6	35	5.31 [135]	12.00 [3304.8]	PURPLE
DHCSA0645	0.620-0.645 [15.75-16.36]	266.8 (26/7)	312.8 (19) 300 (19)	20000	66 [1676]	0.182	12	6	6	37	5.31 [135]	18.00 [457.2]	RED
DHCSA0673	0.646-0.673 [16.41-17.09]	266.8 (30/7)	336.4 (19)	30000	72 [1829]	0.204	11	6	6	46	7.20 [183]	18.00 [457.2]	BLUE
DHCSA0690	0.674-0.690 [17.12-17.53]	300 (26/7) 336.4 (18/1)	350 (19)	30000	72 [1829]	0.204	11	6	6	46	7.20 [183]	18.00 [457.2]	GREEN
DHCSA0710	0.691-0.710 [17.55-18.03]	336.4 (22/7)	NA	30000	72 [1829]	0.204	12	6	6	47	7.20 [183]	18.00 [457.2]	YELLOW
DHCSA0731	0.711-0.731 [18.06-18.57]	336.4 (26/7)	394.5 (19) 397.5 (19)	30000	72 [1829]	0.204	12	6	6	47	7.20 [183]	18.00 [457.2]	BLACK
DHCSA0750	0.732-0.750 [18.59-19.05]	336.4 (30/7) 397.5 (18/1)	NA	30000	72 [1829]	0.204	12	6	6	47	7.20 [183]	18.00 [457.2]	WHITE
DHCSA0768	0.751-0.768 [19.08-19.51]	397.5 (20/7)	NA	40000	78 [1981]	0.250	10	3	3	34	8.00 [203]	18.00 [457.2]	BROWN
DHCSA0795	0.769-0.795 [19.53-20.19]	397.5 (24/7) 397.5 (26/7)	450 (19) 465.4 (19)	40000	78 [1981]	0.250	11	3	3	35	8.00 [203]	18.00 [457.2]	ORANGE
DHCSA0824	0.796-0.824 [20.22-20.93]	397.5 (30/7) 477 (18/1)	500 (19)	40000	78 [1981]	0.250	11	3	3	35	8.00 [203]	18.00 [457.2]	PURPLE
DHCSA0845	0.825-0.845 [20.96-21.46]	NA	559.5 (19) 556.5 (19)	40000	82 [2083]	0.250	11	3	3	36	8.00 [203]	18.00 [457.2]	RED
DHCSA0870	0.846-0.870 [21.49-22.10]	477 (24/7) 477 (26/7)	550 (37) 556.5 (19)	40000	82 [2083]	0.250	11	3	3	36	8.00 [203]	18.00 [457.2]	BLUE
DHCSA0893	0.871-0.893 [22.12-22.68]	556.5 (18/1) 477 (30/7)	600 (37)	40000	82 [2083]	0.250	12	3	3	37	8.00 [203]	18.00 [457.2]	GREEN
DHCSA0907	0.894-0.907 [22.71-23.04]	556.5 (22/7)	NA	40000	82 [2083]	0.250	12	3	3	37	8.00 [203]	18.00 [457.2]	GREEN

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

