

SUSPENSION CLAMPS: SWHCSA

SHIELD WIRE HELICAL CUSHION SUSPENSION ASSEMBLY

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

The SWHCSA 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

- Helical rod suspension clamp for overhead shield wire
- SWHCSAGS for EHS overhead shield wire applications
- SWHCSAAW for Allumoweld® overhead shield wire applications
- No Fitting
- Clamping Range of 0.272 - 0.500 inches

ALUMINUM

SWHCSA



hubbelpowersystems.com

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

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Printed in the U.S.A. | SF_05_158_E

Catalog Number	Conductor Dia. Range Inches [mm]	Nominal Conductor		ULT. Body Strength (LBS)	Applied Rod Length Inches	Rod Dia. Inches	Rods per Set	Std. Pack		Assembly Wt. (LBS)	L Inches [mm]	Helical Rod Color Code
		ACSR/	AAC/					Rods	Clamp			
SWHCSAGS0283	0.272-0.283 [6.91-7.19]			15000	26.00	0.119	8	15	15	31	3.25 [83]	BLUE
SWHCSAGS0294	0.284-0.294 [7.21-7.47]		2 (7)	15000	26.00	0.119	9	15	15	32	3.25 [83]	RED
SWHCSAGS0303	0.295-0.303 [7.49-7.70]			15000	26.00	0.119	9	15	15	32	3.25 [83]	BROWN
SWHCSAGS0315	0.304-0.315 [7.72-8.00]			15000	26.00	0.119	9	15	15	32	3.25 [83]	BLACK
SWHCSAGS0327	0.316-0.327 [8.02-8.31]	#2 (6/1)		15000	26.00	0.119	9	15	15	32	3.25 [83]	GREEN
SWHCSAGS0342	0.328-0.342 [8.33-8.69]		1 (7)	15000	26.00	0.119	10	15	15	34	3.25 [83]	PURPLE
SWHCSAGS0355	0.343-0.355 [8.71-9.02]	#1 (6/1)		15000	26.00	0.119	10	15	15	34	3.25 [83]	BROWN
SWHCSAGS0374	0.356-0.374 [9.04-9.45]		1/0 (7)	15000	26.00	0.119	10	15	15	34	3.25 [83]	ORANGE
SWHCSAGS0389	0.375-0.389 [9.47-9.88]			15000	26.00	0.119	10	15	15	34	3.25 [83]	BLUE
SWHCSAGS0404	0.390-0.404 [9.90-10.26]	1/0 (6/1)		15000	36.00	0.138	10	9	9	28	4.00 [102]	RED
SWHCSAGS0418	0.405-0.418 [10.28-10.62]		2/0 (7)	15000	36.00	0.138	10	9	9	28	4.00 [102]	BROWN
SWHCSAGS0434	0.419-0.434 [10.64-11.02]		2/0 (19)	15000	36.00	0.138	11	9	9	30	4.00 [102]	BLACK
SWHCSAGS0450	0.435-0.450 [11.04-11.43]	2/0 (6/1)		15000	36.00	0.138	11	9	9	30	4.00 [102]	GREEN
SWHCSAGS0470	0.451-0.470 [11.45-11.94]	101.8	3/0 (7)	15000	36.00	0.138	11	9	9	30	4.00 [102]	PURPLE
SWHCSAGS0481	0.471-0.481 [11.96-12.22]	110.8		15000	36.00	0.138	11	9	9	30	4.00 [102]	BROWN
SWHCSAGS0500	0.482-0.500 [12.24-12.70]			15000	45.00	0.138	12	9	9	37	4.00 [102]	BLUE
SWHCSAAW0283	0.272-0.283 [6.91-7.19]			15000	26.00	0.114	9	12	12	25	3.25 [83]	BLUE
SWHCSAAW0294	0.284-0.294 [7.21-7.47]		2 (7)	15000	26.00	0.114	9	12	12	25	3.25 [83]	RED
SWHCSAAW0303	0.295-0.303 [7.49-7.70]			15000	26.00	0.114	9	12	12	25	3.25 [83]	BLACK
SWHCSAAW0315	0.304-0.315 [7.72-8.00]			15000	26.00	0.114	9	12	12	25	3.25 [83]	BROWN
SWHCSAAW0327	0.316-0.327 [8.02-8.31]	#2 (6/1)		15000	26.00	0.114	10	12	12	27	3.25 [83]	PURPLE
SWHCSAAW0342	0.328-0.342 [8.33-8.69]		1 (7)	15000	26.00	0.114	10	12	12	27	3.25 [83]	GREEN
SWHCSAAW0355	0.343-0.355 [8.71-9.02]	#1 (6/1)		15000	26.00	0.114	10	12	12	27	3.25 [83]	BLACK
SWHCSAAW0374	0.356-0.374 [9.04-9.45]		1/0 (7)	15000	26.00	0.114	10	12	12	27	3.25 [83]	BROWN
SWHCSAAW0389	0.375-0.389 [9.47-9.88]			15000	26.00	0.114	11	12	12	27	3.25 [83]	RED
SWHCSAAW0404	0.390-0.404 [9.90-10.26]	1/0 (6/1)		15000	36.00	0.144	10	12	12	36	4.00 [102]	BLUE
SWHCSAAW0418	0.405-0.418 [10.28-10.62]		2/0 (7)	15000	36.00	0.144	10	12	12	36	4.00 [102]	ORANGE
SWHCSAAW0434	0.419-0.434 [10.64-11.02]		2/0 (19)	15000	36.00	0.144	10	12	12	36	4.00 [102]	BROWN
SWHCSAAW0450	0.435-0.450 [11.04-11.43]	2/0 (6/1)		15000	36.00	0.144	10	12	12	36	4.00 [102]	PURPLE
SWHCSAAW0470	0.451-0.470 [11.45-11.94]	101.8	3/0 (7)	15000	36.00	0.144	11	9	9	30	4.00 [102]	GREEN
SWHCSAAW0481	0.471-0.481 [11.96-12.22]	110.8		15000	36.00	0.144	11	9	9	30	4.00 [102]	BLACK
SWHCSAAW0500	0.482-0.500 [12.24-12.70]			15000	45.00	0.144	11	9	9	30	4.00 [102]	BLUE

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

