

* ClampStar® Part Number	Conductor Diameter Range mm	ACSR			Nut/Wrench Required Metric/(Imperial)	** Average Weight kg	* Inside Frame Clearance cm	** Overall Length cm
		ACSR Range	Max. Conductor Diameter mm	Number of Keepers Per Side				
RIGID FRAME								
CSR-0325-015	5.0 – 8.3	Almond 6/1/2.50	8.3	2	14 (9/16)	1.4	38.1	67
CSR-0447-021	8.0 – 11.4	Apple 6/1/3.00, Banana 6/1/3.75	11.4	2	19 (3/4)	2.7	53.3	101.6
CSR-0609-024	10.1 – 15.5	Cherry 6/4.75 +7/1.60	15.5	2	19 (3/4)	3.2	60.9	109.2
CSR-0642L-024	11.3 – 16.3	Cherry 6/4.75 +7/1.60	16.3	2	19 (3/4)	3.2	60.9	109.2
CSR-0883-036	12.7 – 22.4	Grape 30/7/2.50, Lemon 30/7/3.00	22.4	3	19 (3/4)	8.2	91.4	151.1
CSR-1108-040	17.4 – 28.2	Lime 30/7/3.50, Mango 54/7/3.00	28.2	4	19 (3/4)	10.9	101.6	175.2
CSR-1108L-024	17.4 – 28.2	LIGHT Version for AAC	28.2	2	19 (3/4)	6.8	60.9	111.7
FLEXIBLE FRAME								
CSF-0642-036	11.3 – 16.3	Cherry 6/4.75 +7/1.60	16.3	3	19 (3/4)	5.9	91.4	165.1
CSF-0883-036	12.7 – 22.4	Grape 30/7/2.50, Lemon 30/7/3.00	22.4	3	19 (3/4)	10.0	91.4	166.4
CSF-1108-040	17.4 – 28.2	Lime 30/7/3.50, Mango 54/7/3.00	28.2	4	19 (3/4)	12.7	101.6	200.7
CSF-1302-048	26.3 – 33.1	Orange 54/7/3.25	33.1	5	19 (3/4)	17.7	121.9	251.5
FLEXIBLE SINGLE RAIL – LIMITED TENSION								
CSS-0642-036	11.3 – 16.3	Cherry 6/4.75 +7/1.60	16.3	3	19 (3/4)	5.4	91.4	165.1
CSS-0883-040	12.7 – 22.4	Grape 30/7/2.50, Lemon 30/7/3.00	22.4	3	19 (3/4)	9.1	101.6	176.5
CSS-1108-048	17.4 – 28.2	Lime 30/7/3.50, Mango 54/7/3.00	28.2	4	19 (3/4)	12.7	121.9	220.9
CSS-1302-060	26.3 – 33.1	Orange 54/7/3.25	33.1	5	19 (3/4)	18.1	152.4	281.9
CORONA SHIELDS								
CSC-XXXX-230	Corona shields are generally required for applications above 138 kV. The appropriate shielding is obtained by combining the ClampStar® unit number with the highest anticipated system voltage. Example: CSC-1108-230 designates shielding for corona-free performance of CSF/CSR-1108 units installed on a 230 kV system.							
CSC-XXXX-345								
CSC-XXXX-500								
INSTALLATION KIT								
IK-500	Installation Kits consist of two reusable ½" x 6" collared hot-stick, eyebolts to be threaded onto CSF units during installation.							
INHIBITOR								
CC2-8	CC ² Inhibitor - 8 Ounce bottle							
TORQUE NUTS								
Quantity	50	100	500	1000	Description	Wrenches		
Part Number	kg	kg	kg	kg				
TNHH-500	2.2	4.3	21.2	43.5	Zinc housing over HDG steel nut 1/2-13 thread, 54.2 N-m nominal	Install with 19mm (3/4") socket. Remove with 24mm (15/16") deep-well socket.		
TNHH-500-55	2.2	4.3	21.2	43.5	Zinc housing over HDG steel nut 1/2-13 thread, 74.6 N-m nominal			
TNHH-500-SS	2.3	4.5	22.7	44.9	Zinc housing over Stainless Steel nut 1/2-13 thread, 54.2 N-m nominal			
TNHH-500-55-SS	2.3	4.5	22.7	44.9	Zinc housing over Stainless Steel nut 1/2-13 thread, 74.6 N-m nominal			
TNHH-375	1.1	2.3	11.3	22.7	Zinc housing over HDG steel nut 3/8-16 thread, 33.9 N-m nominal	Install with 14mm (9/16") socket. Remove with 19mm (3/4") deep-well socket.		
TNHH-375-SS	1.1	2.3	11.3	22.7	Zinc housing over Stainless Steel nut 3/8-16 thread, 33.9 N-m nominal			

* Last three digits in part number designate the inside frame clearance in inches. Standard clearance lengths are shown and special lengths are available. For non-standard lengths, insert the desired clearance length as 3 digits following the part number expressed as inches; i.e., 044 = 44 inches, 068 = 68 inches, and 108 = 108 inches. Example: CSF-1108-044.

** Overall lengths, weights and prices are for units with standard inside frame clearance. To determine the overall length of units with special frame clearance, adjust the standard overall length shown by the difference in standard and special inside frame clearances.

Please note: Although larger ClampStar units will fit smaller conductor diameters, it is more cost effective to use the smallest ClampStar possible for each specific application. For the most accurate ClampStar selection, use the Max. Conductor Diameter instead of ACSR range to determine the correct ClampStar for your particular application. As always, please feel free to consult the factory for additional information.

Note: Classic Connectors' policy of continuous product improvement may result in changes in design or specifications without notice. For larger sizes, please consult the factory.

CSR - 1108 - 030

ClampStar R = Rigid Rail F = Flexible Rail S = Single Rail
Maximum conductor diameter in inches (ex. 1.108")
Inside frame clearance in inches (ex. .30")

For all aluminum stranded conductors, e.g., ACSR, AAC, AAAC, ACAR, ACSS & fiber composite core