

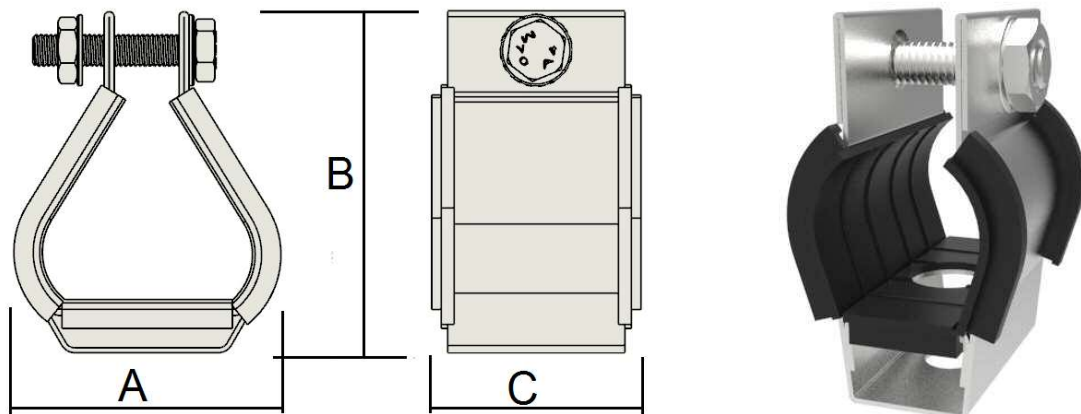


Stainless Steel Single Cleat SSC

In all cable installations, an essential factor is to ensure that all cables are secured with the correct cleats for the cable, application, and environment. The SSC series of cleats support and secure all single cables throughout the system during normal operation and during fault conditions that may occur. System integrity is maintained and cable damage can be prevented.

All cleats in the SSC series comply with the requirements of IEC 61914 : 2015. The cleat body and fastenings are manufactured from 316L corrosion resistant non-magnetic stainless steel which makes them suitable for use within harsh and extreme environments including marine and offshore applications. The main cleat fastening bolt is retained to ease installation. The cleat liner is manufactured from an extruded polymer which is a flame retardant LSOH halogen free polymer material. Cleats are supplied with an easy fit spacer plate to assist with range take. Correct cleat spacing for all cables is extremely important and many factors must be considered. All recommendations from the cable manufacturer must be followed. For correct cleat spacing recommendations please contact our technical department.

Test Standard		IEC61914:2015						
	Clause	Test	Classification			Clause	Test	Classification
Material	6.1.3		Composite		Resistance to short circuit	6.4.4 1 short circuit	9.5.2	44kA RMS, 103.3kA Pk - tested on 34mm diameter cables at 300mm cleats spacings (Test report: 125158/VNL)
Operating Temperature	6.2		-40°C to + 60°C					
Impact Resistance	6.3.5	9.2	Very Heavy		Corrosion	6.5.2.2		Body >16% Chromium contents - High, Outdoor - wet conditions
Lateral strength	6.4.2	9.3	>500N vertical		Flame propagation		10.1	> 30 secs
			>200N Horizontal		Cleat Spacing	As cleat spacing is dependent on system fault level and centre to centre distance between cables / cable diameter, so for correct cleat spacing then please enquire with cleat manufacturer for correct maximum cleat spacing, for the system design.		
Axial strength	6.4.3	9.4	>120N (for guidance only as not possible to replicate in test setups)					



Single Reference Number	Cable Ø Minimum	Cable Ø Maximum	Cleat Details		
			A	B	C
SSC 3035	30	35	62	91	64
SSC 3540	35	40	65	97	
SSC 4045	40	45	73	104	
SSC 4550	45	50	80	113	
SSC 5055	50	55	84	119	
SSC 5560	55	60	97	127	
SSC 6065	60	65	106	135	
SSC 6570	65	70	114	142	
SSC 7075	70	75	123	150	
SSC 7580	75	80	127	155	
SSC 8085	80	85	132	160	
Cleats have a single central fixing hole for a 10mm dia fixing bolt.					

Features

- Low, Medium and High Voltage single core cables in Single formation.
- Cable Diameters from 30mm to 85mm
- Can be used in the harsh environments including marine and offshore.
- Suitable for use with all standard ladder and tray systems.
- Operating temperatures -40°C to +60°C