

# Shear Bolt Connector

## Product Data Sheet

Richards 63SSCCR Series Connectors are range-taking connectors that utilize an innovative “stepless” shear bolt design. This shear bolt is engineered to break below the surface of the connector regardless of conductor cross-section. These connectors accept a wide range of conductor sizes and are dual rated for Aluminum or Copper conductors. The 63SSCCR Series Connectors are part of the SSC Cold Shrink Splicing system and must be used with SSC Splice Housings. Be sure to select only the connector(s) that match the Housing Size of the SSC Splice Housing being utilized.

SSCCR Series Connectors are qualified to the following standards:

- ANSI C119.4
- IEC 61238.1



### Nominal Use Range Chart

Housing Size*	Part #	SICON #	Nominal Conductor Range	
			Min	Max
O	63SSCCOR1	332980012	#3 AWG	300 kcmil
O	63SSCCOR2	332981012	1/0 AWG	500 cmpt kcmil
P	63SSCCPR1	332982012	1/0 AWG	500 cmpt kcmil
P	63SSCCPR2	332983012	350 kcmil	750 kcmil
Q	63SSCCQR1	332984012	350 kcmil	750 kcmil
Q	63SSCCQR2	332985012	600 kcmil	1250 kcmil

\* Be sure to select only the connector(s) that match the Housing Size of the SSC Splice Housing being utilized.

### Dimensional Chart

Part #	Length	OD	# Bolts	Hex Key Size
63SSCCOR1	3.7"	1.5"	4	5 mm
63SSCCOR2	4.6"	1.5"	4	6 mm
63SSCCPR1	4.6"	1.75"	4	6 mm
63SSCCPR2	6.9"	1.75"	6	8 mm
63SSCCQR1	6.9"	2.25"	6	8 mm
63SSCCQR2	8.2"	2.25"	6	8 mm

### Basic Dimensions

