

# Deadbreak Shear Bolt Lug

Product Data Sheet

Richards P6ALR Series Shear Bolt Lugs are range-taking connectors that utilize an innovative “stepless” shear bolt design. This shear bolt is engineered to break below the surface of the lug regardless of conductor cross-section. These lugs accept a wide range of conductor sizes and can be used on Aluminum or Copper conductors (600A rating). The P6ALR Series Lugs are used with IEEE 386 components such as 600/900A Deadbreak Elbows and Disconnectable Joints.

P6ALR Series Lugs are qualified to the following standards:

- ANSI C119.4
- IEC 61238-1 (class A)



## Nominal Use Range Chart

Part #	SICON #	Nominal Conductor Range*		Compression Lug Code Equiv.		“X”***
		Min	Max	Min	Max	
P6ALR1	332901012	#3	300	6	14	R1
P6ALR2	332811032	1/0	450 Strd/500 Cmpt	9	17	R2
P6ALR3	332900012	3/0	600	11	20	R3
P6ALR4	332907022	300 Cmpr /350 Cmpt	750 Strd/900 Cmpt	14	23	R4
P6ALR5	332910022	600	1250	20	29	R5
P6ALR6***	332918012	1500		30		R6

\* Unless otherwise noted conductor size listed is stranded/compressed/compact.

\*\* To order any standard Deadbreak Elbow or Disconnectable Joint kit with P6ALR Lug, use this column to select character “X”.

\*\*\* For use on 35kV LC Series. For other applications contact the factory.

## Dimensional Chart

Part #	# of Bolts	Hex Key Size	L (in.)
P6ALR1	2	5 mm	4.3
P6ALR2	2	6 mm	4.8
P6ALR3	2	8 mm	5.2
P6ALR4	3	8 mm	5.9
P6ALR5	3	8 mm	6.6
P6ALR6	4	8 mm	7.3

## Basic Dimensions

