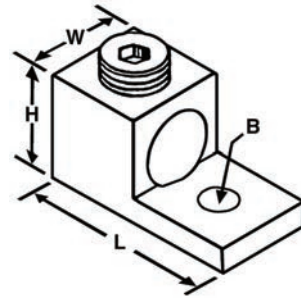




## MECHANICAL LUGS – ALUMINUM

Range-taking mechanical set-screw lugs  
High strength extruded aluminum alloy  
Electro tin plated

### SAL SERIES



**Dual-Rated**  
CU9AL  
600 V



NAED NUMBER	CATALOG NUMBER	WIRE RANGE AL OR CU		DIMENSIONS (IN)			BOLT SIZE B	FIG.	CTN QTY	EST. SHIPPING		
		MAX.	MIN.	L	W	H				WEIGHT (lbs)	UNIT	
<b>SINGLE BARREL</b>												
50130	*A-614	#4 STR	#14 STR	1 <sup>1</sup> / <sub>16</sub>	1/2	1/2	1/4	1	250	3.31	CTN	
50120	*A-212	#2 STR	#14 STR	1 <sup>5</sup> / <sub>32</sub>	1/2	9/16	1/4	1	200	3.58	CTN	
50110	*A-2/0	2/0 STR	#14 STR	1 <sup>1</sup> / <sub>2</sub>	5/8	3/4	1/4	1	50	1.78	CTN	
50115	A-3/0	3/0 STR	#6 STR	1 <sup>7</sup> / <sub>8</sub>	11/16	7/8	1/4	1	50	3.14	CTN	
50140	A-250	250 MCM	#6 STR	2	1	1 <sup>1</sup> / <sub>32</sub>	5/16	1	25	2.37	CTN	
50150	A-300	300 MCM	#6 STR	2	1	1 <sup>5</sup> / <sub>16</sub>	5/16	1	20	1.82	CTN	
50160	A-350	350 MCM	#6 STR	2 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	3/8	1	20	2.80	CTN	
50170	A-500	500 MCM	#6 STR	2 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>9</sup> / <sub>16</sub>	3/8	1	10	2.48	CTN	
50180	A-600	600 MCM	#2 STR	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>9</sup> / <sub>16</sub>	3/8	1	4	0.91	CTN	
50190	A-800	800 MCM	300 MCM	3 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>16</sub>	5/8	1	4	1.80	CTN	
50200	A-1000	1000 MCM	500 MCM	3 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>16</sub>	5/8	1	4	2.12	CTN	
<b>SINGLE BARREL NEMA TANG DRILLING</b>												
71049	A-250N	250 MCM	#6 STR	4	7/8	1 <sup>3</sup> / <sub>16</sub>	1/2	2	3	0.44	CTN	
71050	A-350N	350 MCM	#6 STR	4 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>8</sub>	1/2	2	3	0.71	CTN	
71055	A-600N	600 MCM	#2 STR	4 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	1/2	2	3	1.27	CTN	
71060	A-800N	800 MCM	300 MCM	4 <sup>3</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>16</sub>	1/2	2	4	2.36	CTN	
71061	A-1000N	1000 MCM	500 MCM	4 <sup>3</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>16</sub>	1/2	2	3	1.65	CTN	
71056	A-600N-2	600 MCM	2 STR	6 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>7</sup> / <sub>8</sub>	1/2	3	4	3.10	CTN	
71062	A-800N-2	800 MCM	300 MCM	6 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>7</sup> / <sub>8</sub>	1/2	3	4	3.46	CTN	
71063	A-1000N-2	1000 MCM	500 MCM	6 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	1/2	3	4	3.76	CTN	
<b>TWO BARREL</b>												
50215	*AA-2/0	2/0 STR	#14 STR	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	13/16	1/4	4	25	2.05	CTN	
50220	AA-250	250 MCM	#6 STR	2 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>32</sub>	3/8	4	10	2.00	CTN	
50230	AA-350	350 MCM	#6 STR	2 <sup>7</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	1/2	4	5	0.95	CTN	
50240	AA-600	600 MCM	#2 STR	3 <sup>1</sup> / <sub>32</sub>	2 <sup>7</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	1/2	4	4	2.18	CTN	
50250	AA-800	800 MCM	300 MCM	3 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>16</sub>	1 <sup>15</sup> / <sub>16</sub>	5/8	4	3	2.65	CTN	
50260	AA-1000	1000 MCM	500 MCM	3 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>16</sub>	1 <sup>15</sup> / <sub>16</sub>	5/8	4	3	2.83	CTN	

Suffix "N" indicates NEMA tang drilling, 1<sup>3</sup>/<sub>4</sub>" on centers for 1/2" bolts.

\* Supplied with slotted screws for screwdriver use.



Figure 1



Figure 2

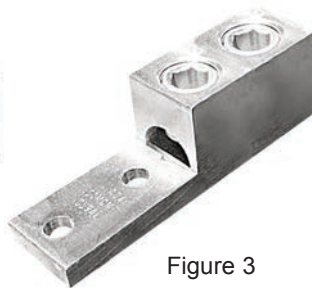


Figure 3



Figure 4

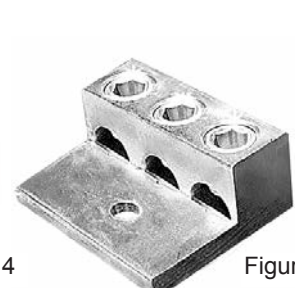


Figure 4A



## NEMA RECOMMENDED BOLT TORQUE VALUES FOR BOLTED POWER CONNECTORS

BOLT DIAMETER (IN)	NOMINAL TORQUE VALUES (IN - LBS)		
	SILICON BRONZE	STEEL	ALUMINUM
5/16 - 18	180	180	—
3/8 - 16	240	240	168
7/16 - 14	360	360	230
1/2 - 13	480	480	300
5/8 - 11	660	660	480
3/4 - 10	840	840	—

## NOMINAL CLASS B STRANDED WIRE DIAMETERS

