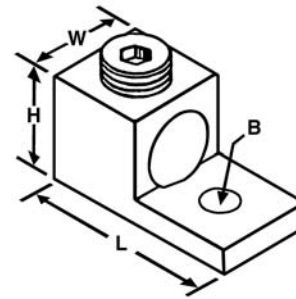




GREAVES

SOLDERLESS LUGS – ALUMINUM

High strength extruded aluminum alloy
Electro tin plated



Dual-Rated

600 V
CU9AL



SAL SERIES

| NAED NUMBER | CATALOG NUMBER | WIRE RANGE AL OR CU | | DIMENSIONS | | | BOLT SIZE B | FIG. | CTN QTY |
|----------------------------------|-------------------|------------------------|---------|--------------------------------|---------------------------------|---------------------------------|-------------------|------|------------|
| | | MAX. | MIN. | L | W | H | | | |
| SINGLE BARREL | | | | | | | | | |
| 50130 | *A-6-14 | 4 STR | 14 STR | 1 ¹ / ₁₆ | 1/2 | 1/2 | 1/4 | 1 | 250 |
| 50120 | *A-2-12 | 2 STR | 14 STR | 1 ¹ / ₁₆ | 1/2 | 9/16 | 1/4 | 1 | 200 |
| 50100 | *A-1/0 | 1/0 STR | 14 STR | 1 ¹ / ₈ | 5/8 | 3/4 | 1/4 | 1 | 100 |
| 50110 | *A-2/0 | 2/0 STR | 14 STR | 1 ¹ / ₂ | 5/8 | 3/4 | 1/4 | 1 | 50 |
| 50115 | A-3/0 | 3/0 STR | 6 STR | 1 ⁷ / ₈ | 11/16 | 7/8 | 1/4 | 1 | 50 |
| 50140 | A-250 | 250 MCM | 6 STR | 2 ¹ / ₈ | 1 | 1 ¹ / ₈ | 5/16 | 1 | 25 |
| 50150 | A-300 | 300 MCM | 6 STR | 1 ⁷ / ₈ | 1 | 1 | 5/16 | 1 | 20 |
| 50160 | A-350 | 350 MCM | 6 STR | 2 ¹ / ₄ | 1 ¹ / ₈ | 1 ¹ / ₄ | 3/8 | 1 | 20 |
| 50170 | A-500 | 500 MCM | 6 STR | 2 ³ / ₄ | 1 ¹ / ₄ | 1 ¹ / ₂ | 3/8 | 1 | 10 |
| 50180 | A-600 | 600 MCM | 2 STR | 3 ¹ / ₈ | 1 ¹ / ₂ | 1 ⁹ / ₁₆ | 1/2 | 1 | 5 |
| 50190 | A-800 | 800 MCM | 300 MCM | 3 ³ / ₈ | 1 ⁹ / ₁₆ | 1 ⁷ / ₈ | 5/8 | 1 | 5 |
| 50200 | A-1000 | 1000 MCM | 500 MCM | 3 ⁷ / ₈ | 1 ³ / ₄ | 1 ⁷ / ₈ | 5/8 | 1 | 5 |
| SINGLE BARREL NEMA TANG DRILLING | | | | | | | | | |
| 71049 | A-250N | 250 MCM | 6 STR | 4 | 7/8 | 1 ³ / ₁₆ | 1/2 | 2 | 3 |
| 71050 | A-350N | 350 MCM | 6 STR | 4 ⁹ / ₁₆ | 1 ¹ / ₈ | 1 ³ / ₈ | 1/2 | 2 | 3 |
| 71055 | A-600N | 600 MCM | 2 STR | 4 ¹ / ₂ | 1 ³ / ₈ | 1 ⁵ / ₈ | 1/2 | 2 | 3 |
| 71060 | A-800N | 800 MCM | 300 MCM | 4 ³ / ₄ | 1 ³ / ₄ | 1 ³ / ₄ | 1/2 | 2 | 1 |
| 71061 | A-1000N | 1000 MCM | 500 MCM | 4 ³ / ₄ | 1 ³ / ₄ | 1 ³ / ₄ | 1/2 | 2 | 1 |
| 71056 | A-600N-2 | 600 MCM | 2 STR | 6 ¹ / ₈ | 1 ¹ / ₂ | 1 ⁷ / ₈ | 1/2 | 3 | 1 |
| 71062 | A-800N-2 | 800 MCM | 300 MCM | 6 ¹ / ₈ | 1 ¹ / ₂ | 1 ⁷ / ₈ | 1/2 | 3 | 1 |
| 71063 | A-1000N-2 | 1000 MCM | 500 MCM | 6 ¹ / ₈ | 1 ¹¹ / ₁₆ | 1 ⁷ / ₈ | 1/2 | 3 | 1 |
| DOUBLE BARREL | | | | | | | | | |
| 50210 | *AA 1/0 | 1/0 STR | 14 STR | 1 ¹ / ₂ | 1 ¹ / ₈ | 3/4 | 1/4 | 4 | 50 |
| 50215 | *AA-2/0 | 2/0 STR | 14 STR | 1 ¹ / ₂ | 1 ¹ / ₈ | 3/4 | 1/4 | 4 | 25 |
| 50220 | AA-250 | 250 MCM | 6 STR | 2 ¹ / ₂ | 1 ⁵ / ₈ | 1 ³ / ₁₆ | 3/8 | 4 | 10 |
| 50230 | AA-350 | 350 MCM | 6 STR | 2 ⁷ / ₈ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 1/2 | 4 | 5 |
| 50240 | AA-600 | 600 MCM | 2 STR | 3 ¹ / ₈ | 2 ³ / ₁₆ | 1 ⁹ / ₁₆ | 1/2 | 4 | 4 |
| 50250 | AA-800 | 800 MCM | 300 MCM | 3 ³ / ₈ | 2 ¹⁵ / ₁₆ | 1 ⁷ / ₈ | 5/8 | 4 | 3 |
| 50260 | AA-1000 | 1000 MCM | 500 MCM | 3 ³ / ₈ | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 5/8 | 4 | 3 |

Suffix "N" indicates NEMA tang drilling, 1³/₄" on centers for 1/2" bolts.

* Supplied with slotted screws for screwdriver use.



Figure 1



Figure 2



Figure 3



Figure 4

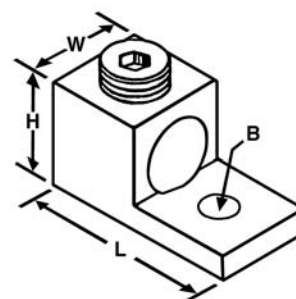


GREAVES

SOLDERLESS LUGS – ALUMINUM

High strength extruded aluminum alloy

Electro tin plated



Dual-Rated

600 V

CU9AL



SAL SERIES

| NAED NUMBER | CATALOG NUMBER | WIRE RANGE AL OR CU | | DIMENSIONS | | | BOLT SIZE B | FIG. | CTN QTY |
|-------------------------------------|-------------------|------------------------|---------|--------------------------------|---------------------------------|---------------------------------|-------------------|------|------------|
| | | MAX. | MIN. | L | W | H | | | |
| DOUBLE BARREL NEMA TANG DRILLING | | | | | | | | | |
| 71064 | AA-250N | 250 MCM | 6 STR | 4 | 1 ¹³ / ₁₆ | 1 ¹³ / ₁₆ | 1/2 | 5 | 3 |
| 71065 | AA-350N | 350 MCM | 6 STR | 4 ⁵ / ₁₆ | 2 | 1 ³ / ₈ | 1/2 | 5 | 3 |
| 71070 | AA-600N | 600 MCM | 2 STR | 4 ⁵ / ₈ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1/2 | 5 | 3 |
| 71075 | AA-800N | 800 MCM | 300 MCM | 4 ³ / ₄ | 3 ³ / ₁₆ | 1 ³ / ₄ | 1/2 | 5 | 1 |
| 12361 | AA-1000N | 1000 MCM | 500 MCM | 4 ³ / ₄ | 3 ³ / ₁₆ | 1 ³ / ₄ | 1/2 | 5 | 1 |
| TRIPLE BARREL NEMA TANG DRILLING | | | | | | | | | |
| 12365 | AAA-250N | 250 MCM | 6 STR | 4 | 2 ¹³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 6 | 3 |
| 12370 | AAA-350N | 350 MCM | 6 STR | 4 ¹ / ₄ | 3 | 1 ³ / ₈ | 1/2 | 6 | 3 |
| 12372 | AAA-600N | 600 MCM | 2 STR | 4 ¹ / ₂ | 3 ³ / ₄ | 1 ⁵ / ₈ | 1/2 | 6 | 1 |
| 12375 | AAA-800N | 800 MCM | 350 MCM | 4 ³ / ₄ | 4 ¹ / ₂ | 1 ³ / ₄ | 1/2 | 6 | 1 |
| 12380 | AAA-1000N | 1000 MCM | 500 MCM | 4 ³ / ₄ | 4 ¹ / ₂ | 1 ³ / ₄ | 1/2 | 6 | 1 |
| 12382 | AAA-600N-2 | 600 MCM | 2 STR | 5 ⁵ / ₈ | 3 ³ / ₄ | 1 ⁵ / ₈ | 1/2 | 7 | 1 |
| 12377 | AAA-800N-2 | 800 MCM | 350 MCM | 6 ¹ / ₈ | 4 ³ / ₁₆ | 1 ⁷ / ₈ | 1/2 | 7 | 1 |
| 12383 | AAA-1000N-2 | 1000 MCM | 500 MCM | 6 ¹ / ₈ | 4 ³ / ₄ | 1 ⁷ / ₈ | 1/2 | 7 | 1 |
| QUADRUPLE BARREL NEMA TANG DRILLING | | | | | | | | | |
| 12385 | AAAA-250N | 250 MCM | 6 STR | 4 | 3 ³ / ₄ | 1 ³ / ₁₆ | 1/2 | 8 | 3 |
| 12390 | AAAA-350N | 350 MCM | 6 STR | 4 ⁵ / ₁₆ | 4 | 1 ³ / ₈ | 1/2 | 8 | 3 |
| 12392 | AAAA-600N | 600 MCM | 2 STR | 4 ¹ / ₂ | 4 ⁷ / ₈ | 1 ⁵ / ₈ | 1/2 | 8 | 1 |
| 12395 | AAAA-800N | 800 MCM | 350 MCM | 4 ³ / ₄ | 5 ¹⁵ / ₁₆ | 1 ³ / ₄ | 1/2 | 8 | 1 |
| 12396 | AAAA-600N-2 | 600 MCM | 2 STR | 5 ⁵ / ₈ | 5 ¹ / ₈ | 1 ⁵ / ₈ | 1/2 | 9 | 1 |
| 12397 | AAAA-800N-2 | 800 MCM | 350 MCM | 6 ³ / ₁₆ | 5 ¹ / ₂ | 1 ⁷ / ₈ | 1/2 | 9 | 1 |
| 12398 | AAAA-1000N-2 | 1000 MCM | 500 MCM | 6 ³ / ₁₆ | 6 ¹ / ₈ | 1 ⁷ / ₈ | 1/2 | 9 | 1 |

Suffix "N" indicates NEMA tang drilling, 1³/₄" on centers for 1/2" bolts.



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9

Fits 2-Hole or 4-Hole
NEMA Bolt Pattern

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TOLL FREE 1-800-243-1130 (Outside CT)



GREAVES

ALUMINUM PANELBOARD LUGS

High strength extruded aluminum alloy
Electro tin plated

Dual-Rated

600 V
CU9AL



Figure 1



Figure 2

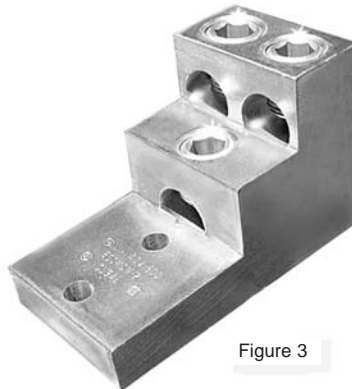


Figure 3



Figure 4

AQ SERIES

| NAED NUMBER | CATALOG NUMBER | WIRE RANGE | | BOLT | | DIMENSIONS (IN) | | | TEMP. RATING | FIG. |
|----------------|--------------------|------------|---------|------|---------|-----------------|------|-----|-----------------|------|
| | | MAX. | MIN. | SIZE | SPACING | L | W | H | | |
| 12400 | AQ 2-300 | 300 MCM | 6 STR | 5/16 | — | 3.00 | 1.00 | 2.0 | CU9AL | 1 |
| 12405 | AQ 2-600 | 600 MCM | 2 STR | 3/8 | 1 1/8 | 5.06 | 1.50 | 3.0 | CU7AL | 2 |
| 12410 | AQ 2-800 | 800 MCM | 300 MCM | 3/8 | 1 1/8 | 4.91 | 1.50 | 3.0 | CU7AL | 2 |
| 12415 | AQ 3-600 | 600 MCM | 2 STR | 3/8 | 1 1/8 | 5.06 | 2.47 | 2.9 | CU7AL | 3 |
| 12420 | AQ 3-800 | 800 MCM | 300 MCM | 3/8 | 1 1/8 | 4.91 | 2.63 | 3.0 | CU7AL | 3 |
| 12425 | AQ 4-600 | 600 MCM | 2 STR | 3/8 | 1 1/8 | 5.06 | 2.47 | 2.9 | CU7AL | 4 |
| 12430 | AQ 4-800 | 800 MCM | 300 MCM | 3/8 | 1 1/8 | 4.91 | 2.63 | 3.0 | CU7AL | 4 |
| 12452 | AQ 6-500-2 | 500 MCM | #2 STR | 3/8 | 1 1/4 | 4.90 | 3.75 | 3.0 | CU9AL | 5 |
| 12472 | AQ 6-750-2 | 750 MCM | 1/0 STR | 3/8 | 1 1/4 | 4.90 | 3.75 | 3.0 | CU9AL | 5 |
| 12474 | AQ 6-750-4N | 750 MCM | 1/0 STR | 1/2 | 1 1/4 | 5.35 | 3.75 | 3.0 | CU9AL | 6 |

For Stainless Steel bolts, nuts, flat washers, lockwashers, and Belleville washers see pages 112 and 115.



Figure 5

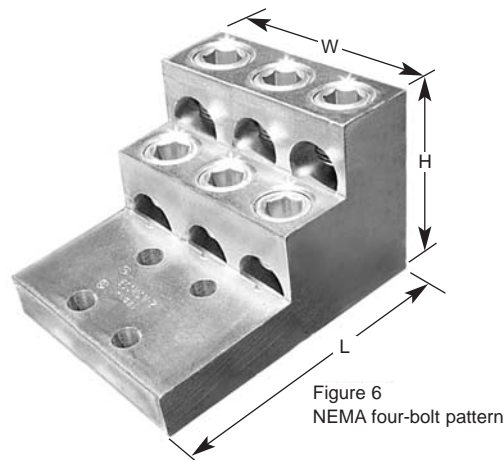


Figure 6
NEMA four-bolt pattern

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GREAVES

ALUMINUM TWO-WAY CONNECTORS

Aluminum Butt Splices

High strength aluminum alloy 6061-T6

Plated for low contact resistance

Positive center stop



Dual-Rated

CU9AL
90°C 600V



Figure 1



Figure 2



Figure 3

ABS SERIES

| NAED NUMBER | CATALOG NUMBER | WIRE RANGE | | SCREWS | | OVERALL LENGTH | FIG. | CTN QTY |
|----------------|-------------------|------------|------|--------|----------|-------------------|------|------------|
| | | MAX. | MIN. | NO. | TYPE | | | |
| 12501 | ABS 2 | #2 | 14 | 2 | SLOT | 1 ^{3/8} | 1 | 25 |
| 12502 | ABS 10 | 1/0 | 14 | 2 | SLOT | 2 | 1 | 25 |
| 12503 | ABS 40 | 4/0 | 6 | 2 | 5/16 HEX | 2 | 2 | 25 |
| 12504 | ABS 250 | 250 | 6 | 4 | 5/16 HEX | 4 | 3 | 12 |
| 12506 | ABS 350 | 350 | 6 | 4 | 3/8 HEX | 4 ^{1/4} | 3 | 12 |
| 12507 | ABS 500 | 500 | 3/0 | 4 | 3/8 HEX | 5 | 3 | 6 |
| 12508 | ABS 750 | 750 | 250 | 4 | 3/8 HEX | 6 ^{1/4} | 3 | 3 |

BEAVER-TOOTH LUGS

Aluminum Lay-in Ground Lugs

High strength aluminum alloy 6061-T6

Plated for low contact resistance

BTL SERIES

| NAED NUMBER | CATALOG NUMBER | WIRE RANGE | | BOLT SIZE | DIMENSIONS | | | CTN QTY |
|----------------|-------------------|------------|------|--------------|-------------------|-------|--------------------|------------|
| | | MAX. | MIN. | | LENGTH | WIDTH | HEIGHT | |
| 13800 | † BTL 4 | 4 | 14 | 3/16 | 1 ^{1/16} | 3/8 | 3/4 | 100 |
| 13805 | BTL 0 | 1/0 | 8 | 1/4 | 1 ^{1/2} | 9/16 | 1 ^{1/8} | 50 |
| 13810 | *BTL 000 | 3/0 | 6 | 5/16 | 2 | 13/16 | 1 ^{1/2} | 50 |
| 13815 | *BTL 250 | 250 | 6 | 5/16 | 2 ^{3/16} | 13/16 | 1 ^{11/16} | 25 |

*Sizes 3/0 and larger have hex socket screws.

† For direct burial applications use Cat. No. BTL4-DB. See page 76.



Dual-Rated

CU9AL
90°C 600V

