



Morris
CAT#: 90712-90729

One Conductor
One Hole Aluminum Mechanical
Lug Type: See Table



FIG 1

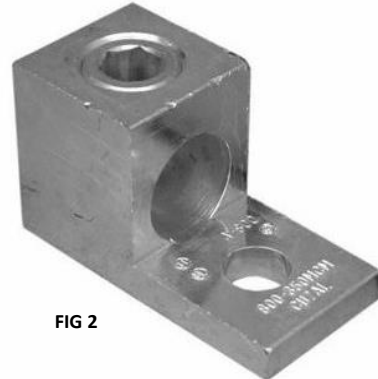


FIG 2

Features:

- Manufactured from High Strength 6061-T6 Aluminum Alloy to Insure Both Maximum Strength and Conductivity
- Dual Rated for both Copper and Aluminum Conductors
- Electro-Tin Plated for Low Contact Resistance and Protection Against Corrosion
- Assembly can be Made With Only a Screwdriver or Allen Wrench
- Connectors are Re-Usable
- Rated 600V; 194°F (90°C)
- 90712-90716 Have Slotted Screws

ONE CONDUCTOR - ONE HOLE MOUNT

DIMENSIONS = INCHES

| CAT. NO. | AWG | FIG | WIRE RANGE | LENGTH | WIDTH | HEIGHT | STUD SIZE | BOX QTY |
|----------|------|-----|----------------|--------|-------|--------|-----------|---------|
| 90712 | 6 | 1 | 6STR.-14SOL. | 1.06 | 0.50 | 0.50 | 0.25 | 100 |
| 90713 | 6 | 1 | 6STR.-14SOL. | 1.06 | 0.38 | 0.50 | 0.25 | 100 |
| 90714 | 2 | 1 | 2STR.-14SOL. | 1.16 | 0.50 | 0.55 | 0.25 | 100 |
| 90714B | 2 | 1 | 2STR.-14SOL. | 1.16 | 0.50 | 0.55 | 0.25 | 2,000 |
| 90716 | 1/0 | 2 | 1/0STR.-14SOL. | 1.46 | 0.63 | 0.79 | 0.25 | 50 |
| 90716B | 1/0 | 2 | 1/0STR.-14SOL. | 1.46 | 0.63 | 0.79 | 0.25 | 1,000 |
| 90718 | 2/0 | 2 | 2/0STR.-14SOL. | 1.46 | 0.63 | 0.79 | 0.25 | 50 |
| 90718B | 2/0 | 2 | 2/0STR.-14SOL. | 1.46 | 0.63 | 0.79 | 0.25 | 1,000 |
| 90720 | 250 | 2 | 250MCM-6SOL. | 2.00 | 0.94 | 1.12 | 0.3125 | 25 |
| 90720B | 250 | 2 | 250MCM-6SOL. | 2.00 | 0.94 | 1.12 | 0.3125 | 300 |
| 90722 | 350 | 2 | 350MCM-6SOL. | 2.25 | 1.26 | 1.25 | 0.375 | 10 |
| 90722B | 350 | 2 | 350MCM-6SOL. | 2.25 | 1.26 | 1.25 | 0.375 | 200 |
| 90724 | 500 | 2 | 500MCM-4SOL. | 2.82 | 1.50 | 1.57 | 0.375 | 10 |
| 90726 | 600 | 2 | 600MCM-2SOL. | 3.19 | 1.50 | 1.57 | 0.375 | 10 |
| 90726B | 600 | 2 | 600MCM-2SOL. | 3.19 | 1.50 | 1.56 | 0.375 | 150 |
| 90728 | 800 | 2 | 800MCM-300MCM | 3.37 | 1.75 | 1.94 | 0.625 | 3 |
| 90729 | 1000 | 2 | 1000MCM-500MCM | 3.37 | 1.75 | 1.94 | 0.625 | 5 |



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Aluminum Mechanical Lug

Torque Chart

Tightening Torque Slotted Screws (in-lbs.)

Per UL486A/B Table 23

| <i>Wire Size</i> | <i>Torque</i> |
|------------------|---------------|
| #2-2/0 | 50 |
| #4-#6 | 45 |
| #8 | 40 |
| #10-#14 | 35 |

Torque Chart

Tightening Torque Internal Hex Screws (in-lbs.)

Per UL486A/B Table 23

| <i>Connector Size</i> | <i>Torque</i> |
|-----------------------|---------------|
| 1000 | 600 |
| 750-800 | 500 |
| 500-600 | 375 |
| 250-350 | 275 |
| 1/0-2/0 | 120 |