Founded in 1922 by Paul N. Travis, Travis Pattern and Foundry began as a small business producing patterns for sand casting. As the company grew, nonferrous foundry operations were added and industrial castings became a major part of the business.

The company experienced significant growth in the 1970’s when it began producing a proprietary line of irrigation products. Self propelled irrigation systems were developed; then, as the product lines grew, casting operations increased and steel forming and galvanizing capabilities were added.

From the mid 1980’s until the present, nonferrous casting operations have increased and more diverse product lines have been added. The acquisition of Product Design Unlimited in 1992 gave us the ability to provide a full range of substation connectors. This led to the deployment of Travis Utility Grounding Division (UGD).

Travis Pattern and Foundry has experienced immense changes during its 92 years of business. Travis supplies an extensive range of products to a growing number of customers all over the world. Our facility has prevailed among the most modern anywhere. We continue to update our production equipment to keep up with new technology and provide the highest quality products available.

Terms and conditions of sale

Prices and Terms of Payment
Quotations are firm when accepted within 30 days. Payment terms are net 30 days from date of invoice.

Transportation of Shipments
All prices are F.O.B. shipping point.

Packaging
Utility Ground Equipment reserves the right to ship in standard packaging. All export or special types of packaging are subject to additional charges.

Sales Tax
Prices do not include sales, use, excise or similar taxes. The Company reserves the right to add the net selling price to the amount of such tax as may be required by law.

Limitation of Liability
The Company’s liability on any claim of any kind, including negligence, for any loss or damage resulting from a contract, from the manufacture, sale, resale, delivery, repair or use of our equipment furnished on a contract shall in no case exceed the price invoiced on the order. In no event shall the Company be liable for special or consequential damage.

Guarantee
Utility Ground Equipment warrants that its manufactured products will be free from defects in material, workmanship, and title. If it appears within one year from date of shipment that the product does not meet the warranty specified under normal and proper use of the product, it will be repaired or replaced at the company’s expense F.O.B. factory.
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iv. Duck Bill
v. IWCB
vi. DLJ Tool
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viii. Grounding Studs
ix. Cluster Bar
x. Breakaway
### Grounding Clamps

#### 3/4” AL-BR C-CLAMP

**THREADED 15 deg**

- 400A continuous current rating.
- Stainless Steel 5/8-11 threaded eye screw - tested at 400 lbs-in.
- Aluminum Casting 356-T6 or 115 Red Brass.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP75ACAT15</td>
<td>3/4” AL C-CLAMP (SMOOTH) THREADED 15 DEG</td>
<td>NO #6 SOLID</td>
<td>397.5 ACSR 18/1</td>
<td>0.125-.75</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>1</td>
</tr>
<tr>
<td>TP75BCBT15</td>
<td>3/4” BR C-CLAMP (SERRATED) THREADED 15 DEG</td>
<td>NO #6 SOLID</td>
<td>397.5 ACSR 18/1</td>
<td>0.125-.75</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>1</td>
</tr>
</tbody>
</table>

#### 1 1/4” AL C-CLAMP

**THREADED 15 deg**

- 400A continuous current rating.
- Stainless Steel 5/8-11 threaded eye screw - tested at 400 lbs-in.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP125ACAT15</td>
<td>1-1/4” AL C-CLAMP (SMOOTH) THREADED 15 DEG</td>
<td>NO #6 SOLID</td>
<td>1,033.5 MCM ACSR 54/7</td>
<td>0.125-1.25</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>1.5</td>
</tr>
<tr>
<td>TP125ACBT15</td>
<td>1-1/4” AL C-CLAMP (SERRATED) THREADED 15 DEG</td>
<td>YES #6 SOLID</td>
<td>1,033.5 MCM ACSR 54/7</td>
<td>0.125-1.25</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Made in the USA
### 1 1/2” AL C-CLAMP

**THREADED 15 deg**

- 400A continuous current rating.
- Stainless Steel 5/8-11 threaded eye screw - tested at 400 lbs-in.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>MIN</th>
<th>MAX</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP15ACAT15</td>
<td>1-1/2” AL C-CLAMP (SMOOTH) THREADED 15 DEG</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>1.5</td>
<td></td>
<td>0.125-1.5 Dia Cable or Bus</td>
<td>5H</td>
<td>47 kA @ 15 Cycles X/R 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TP15ACBT15</td>
<td>1-1/2” AL C-CLAMP (SERRATED) THREADED 15 DEG</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>1.5</td>
<td></td>
<td>0.125-1.5 Dia Cable or Bus</td>
<td>5H</td>
<td>47 kA @ 15 Cycles X/R 30</td>
</tr>
</tbody>
</table>

### 2” AL C-CLAMP

**PLUG/PIN**

- 400A continuous current rating.
- Stainless Steel 3/4-10 threaded eye screw tested at 400 lbs-in.
- Strain relief comes standard.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>MIN</th>
<th>MAX</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP2ACAPSR</td>
<td>2” AL C-CLAMP (SMOOTH) PLUG/ PIN ADAPTER WITH STRAIN RELIEF (SST ACME)</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>2”</td>
<td></td>
<td>0.125-2.0 Dia Cable or Bus</td>
<td>Grade 5</td>
<td>43 kA @ 15 Cycles Symmetrical</td>
</tr>
<tr>
<td>TP2ACBPSR</td>
<td>2” AL C-CLAMP (SERRATED) PLUG/ PIN ADAPTER WITH STRAIN RELIEF (SST ACME)</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>2”</td>
<td></td>
<td>0.125-2.0 Dia Cable or Bus</td>
<td>Grade 5</td>
<td>43 kA @ 15 Cycles Symmetrical</td>
</tr>
</tbody>
</table>
Grounding Clamps

2” AL C-CLAMP
THREADED 15 deg

- 400A continuous current rating
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in
- Aluminum Casting 356-T6

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TP2ACAT15</td>
<td>2” AL C-CLAMP (SMOOTH) THREADED 15 deg</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>2” Dia Cable or Bus</td>
<td>0.125-2.0</td>
<td>5H</td>
</tr>
<tr>
<td>TP2ACBT15</td>
<td>2” AL C-CLAMP (SERRATED THREADED 15 deg</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>2” Dia Cable or Bus</td>
<td>0.125-2.0</td>
<td>5H</td>
</tr>
</tbody>
</table>

2” AL C-CLAMP
THREADED 5H

- 400A continuous current rating.
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in.
- Strain relief comes standard.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>TP2ACATSR-5H</td>
<td>2” AL C-CLAMP (SMOOTH) THREADED WITH STRAIN RELIEF, 5H(5/8”-11)</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>2” Dia Cable or Bus</td>
<td>0.125-2.0</td>
<td>5H</td>
</tr>
<tr>
<td>TP2ACBTSR-5H</td>
<td>2” AL C-CLAMP (SERRATED THREADED WITH STRAIN RELIEF, 5H(5/8”-11)</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>2” Dia Cable or Bus</td>
<td>0.125-2.0</td>
<td>5H</td>
</tr>
</tbody>
</table>

MADE IN THE USA
2” AL C-CLAMP THREADED 7H

- 400A continuous current rating.
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in.
- Strain relief comes standard.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP2ACATSR-7H</td>
<td>2” AL C-CLAMP (SMOOTH) THREADED WITH STRAIN RELIEF, 7H(3/4”-10)</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>2” Dia Cable or Bus</td>
<td>0.125-2.0</td>
<td>7H</td>
</tr>
<tr>
<td>TP2ACBTSR-7H</td>
<td>2” AL C-CLAMP (SERRATED) THREADED WITH STRAIN RELIEF, 7H(3/4”-10)</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>2” Dia Cable or Bus</td>
<td>0.125-2.0</td>
<td>7H</td>
</tr>
</tbody>
</table>

2.5” AL C-CLAMP THREADED 20 deg

- 600A continuous current rating.
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP25ACAT20</td>
<td>2” AL C-CLAMP (SMOOTH) THREADED 20 DEG</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>2.5” Dia Cable or Bus</td>
<td>0.125-2.5</td>
<td>5H</td>
</tr>
</tbody>
</table>

MADE IN THE USA
Grounding Clamps

3.5” AL C-CLAMP
THREADED 15 deg

- 400A continuous current rating.
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in.
- Strain relief comes standard.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP35ACAT15-SR</td>
<td>1-35” C-CLAMP (SMOOTH) THREADED 15 DEG STRAIN RELIEF</td>
<td>NO</td>
<td>#4 ACSR</td>
<td>3” Dia Cable or Bus</td>
<td>0.25-3.5</td>
<td>5H</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td></td>
</tr>
<tr>
<td>TP35ACBT15-SR</td>
<td>1-35” C-CLAMP (SERRATED) THREADED 15 DEG STRAIN RELIEF</td>
<td>YES</td>
<td>#4 ACSR</td>
<td>3” Dia Cable or Bus</td>
<td>0.25-3.5</td>
<td>5H</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td></td>
</tr>
</tbody>
</table>

MADE IN THE USA
### 6" AL C-CLAMP ROUND BUS

- 800A continuous current rating W/ dual grounds.
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in.
- 1 1/2" X 6" long solid grounding stud.
- Lifting ring.

#### Table:

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE IPS Min</th>
<th>MAIN LINE IPS Max</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP6ARA2T20-S</td>
<td>6&quot; ALUMINUM ROUND BAR CLAMP (SMOOTH) (2X THREADED) 20 DEGREES W 1 1/2&quot; GROUNDING STUD</td>
<td>NO</td>
<td>3&quot;</td>
<td>5&quot;</td>
<td>3.5&quot;-6&quot;</td>
<td>6H</td>
<td>4</td>
</tr>
<tr>
<td>TP6ARB2T20-S</td>
<td>6&quot; ALUMINUM ROUND BAR CLAMP (SERRATED) (2X THREADED) 20 DEGREES W 1 1/2&quot; GROUNDING STD.</td>
<td>YES</td>
<td>3&quot;</td>
<td>5&quot;</td>
<td>3.5&quot;-6&quot;</td>
<td>6H</td>
<td>4</td>
</tr>
<tr>
<td>TP6ARA2T20-S-ET</td>
<td>6&quot; AL ROUND BAR, SQUARE, AND &quot;T&quot; CLAMP(2X THREADED) 20 DEG W 1 1/2&quot; GROUNDING STUD</td>
<td>NO</td>
<td>3&quot;</td>
<td>5&quot;</td>
<td>3.5&quot;-6&quot;</td>
<td>6H</td>
<td>4</td>
</tr>
</tbody>
</table>

MADE IN THE USA
Grounding clamps

1” BALL SOCKET CLAMP
THREADED 15 deg

- 400A continuous current rating.
- Stainless Steel 5/8-11 threaded eye screw - tested at 400 lbs-in.

1” BALL SOCKET CLAMP

- 400A continuous current rating.
- Stainless Steel 5/8-11 threaded eye screw - tested at 400 lbs-in.
- #878 Si Bronze

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>BALL SIZE</th>
<th>STUD SIZE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC1A</td>
<td>1” BALL SOCKET CLAMP</td>
<td>BRONZE</td>
<td>1”</td>
<td>5/8”</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>1.88</td>
</tr>
<tr>
<td>TP15ABSC1T15</td>
<td>Al 1 1/2” C-CLAMP 1” BALL SOCKET THREADED 15 DEG.</td>
<td>ALUMINUM</td>
<td>1”</td>
<td>3/4”</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>1.63</td>
</tr>
</tbody>
</table>

MADE IN THE USA
### 1.5” Flat Clamps

- 400A continuous current rating.
- Stainless Steel 5/8-11 threaded eye screw - tested at 400 lbs-in.
- Available in both Aluminum 356-T6 and Red Brass 115.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MATERIAL</th>
<th>FLAT BUS BAR RANGE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP15AFBP</td>
<td>TRAVIS PATTERN 1.5” ALUMINUM FLAT BAR CLAMP (SERRATED) (PLUG ADAPTER)</td>
<td>YES</td>
<td>ALUMINUM</td>
<td>0-1.5”</td>
<td>43 kA @ 15 Cycles Symmetrical</td>
<td>1.63</td>
</tr>
<tr>
<td>TP15BFBP</td>
<td>TRAVIS PATTERN 1.5” BRONZE FLAT BAR CLAMP (SERRATED) (PLUG ADAPTER)</td>
<td>YES</td>
<td>BRONZE</td>
<td>0-1.5”</td>
<td>43 kA @ 15 Cycles Symmetrical</td>
<td>4.00</td>
</tr>
<tr>
<td>TP15AFBT15</td>
<td>TRAVIS PATTERN 1.5” ALUMINUM FLAT BAR CLAMP, (SERRATED) (THREADED) 15 DEGREE</td>
<td>YES</td>
<td>ALUMINUM</td>
<td>0-1.5”</td>
<td>43 kA @ 15 Cycles Symmetrical</td>
<td>2.13</td>
</tr>
<tr>
<td>TP15BFBT15</td>
<td>TRAVIS PATTERN 1.5” BRONZE FLAT BAR CLAMP, (SERRATED) (THREADED) 15 DEGREE</td>
<td>YES</td>
<td>BRONZE</td>
<td>0-1.5”</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>5.13</td>
</tr>
</tbody>
</table>

Made in the USA
Grounding clamps

4”-6” IWCB
DOUBLE THREADED 15 deg

- 800A continuous current rating.
- Stainless Steel 1”-8 threaded eye screw - tested at 400 lbs-in.
- 1-1/2”x6” long ground stud.
- Serrated surface on both body and jaw.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>MAX CURRENT</th>
<th>FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPIWCB4X6BT15GS</td>
<td>4” to 6” AL IWCB (SERRATED) DOUBLE THREADED to (1) 1.5” x 6” STUD</td>
<td>YES</td>
<td>4” - 6”</td>
<td>68kA @ 15 Cycles X/R 30</td>
<td>5.0</td>
<td></td>
</tr>
</tbody>
</table>
## DUCK BILL CLAMP
### THREADED 15 deg

- 400A continuous current rating.
- Stainless Steel 3/4-10 threaded.
- eye screw - tested at 400 lbs-in.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SERRATED</th>
<th>MAIN LINE</th>
<th>CONDUCTOR CABLE OR BUS DIA. RANGE</th>
<th>MAX CURRANT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP125ADAT15</td>
<td>1-1/4” AL DUCKBILL (SMOOTH) THREADED 15 DEG</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>1.033.5 MCM ACSR 54/7</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>2</td>
</tr>
<tr>
<td>TP125ADBT15</td>
<td>1-1/4” AL DUCKBILL (SERRATED) THREADED 15 DEG</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>1.033.5 MCM ACSR 54/7</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>2</td>
</tr>
<tr>
<td>TP15ADAT15</td>
<td>1-1/2” AL DUCKBILL (SMOOTH) THREADED 15 DEG</td>
<td>NO</td>
<td>#6 SOLID</td>
<td>1.5” Dia Cable or Bus</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>2.25</td>
</tr>
<tr>
<td>TP15ADBT15</td>
<td>1-1/2” AL DUCKBILL (SERRATED) THREADED 15 DEG</td>
<td>YES</td>
<td>#6 SOLID</td>
<td>1.5” Dia Cable or Bus</td>
<td>5H 47 kA @ 15 Cycles X/R 30</td>
<td>2.25</td>
</tr>
</tbody>
</table>
**Grounding clamps**

**ANGLE CLAMP**
- 400A continuous current rating.
- Stainless Steel 3/4-10 threaded eye screw - tested at 400 lbs-in.
- Strain relief comes standard.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>CONDUCTOR BUS RANGE</th>
<th>MAX CURRENT</th>
<th>FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP6X6ACAT15O-SR</td>
<td>AL 6X6 ALUMINUM C-CLAMP 5/8-11 15 DEG THRD OVERBITE STRAIN RELIEF (LIP ON BODY)</td>
<td>2&quot;-6&quot; ANGLE</td>
<td>5H</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>3.5</td>
</tr>
<tr>
<td>TP6X6ACAT15U-SR</td>
<td>AL 6X6 ALUMINUM C-CLAMP 5/8-11 15 DEG THRD UNDERBITE STRAIN RELIEF (LIP ON JAW)</td>
<td>2&quot;-6&quot; ANGLE</td>
<td>5H</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>3.5</td>
</tr>
</tbody>
</table>
DLJ TOOL

DLJ Tool Features
• Assist tying in connectors
• Securing fuse barrels
• Easy ring attachment
• Raising wires or cables
• Available with high visibility powder coating
• Made from lightweight heat treated aluminum

“Designed for fuse barrels switches and more”
Grounding Studs

Grounding Ball Studs
- 400A continuous current rating.
- Copper alloy C-110.
- For electric tin plating use suffix (ETP).

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SINGLE CONFIGURATIONS MAX CURRENT FAULT RATING</th>
<th>DOUBLE CONFIGURATIONS MAX CURRENT FAULT RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS11500M</td>
<td>Ball Stud, 1 IN Ball, 1 IN Shank, 1/2 IN-13 Male Thread</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>63kA @ 15 Cycles X/R 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D1 1” D2 1” D3 1” D4 2.25”</td>
<td>1/2”-13</td>
</tr>
<tr>
<td>BS13500M</td>
<td>Ball Stud, 1 IN Ball, 3 IN Shank, 1/2-13 Male Thread</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>63kA @ 15 Cycles X/R 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D1 1” D2 1” D3 3” D4 2.25”</td>
<td>1/2”-13</td>
</tr>
<tr>
<td>BS15500M</td>
<td>Ball Stud, 1 IN Ball, 5 IN Shank, 1/2 IN-13 Male Thread</td>
<td>47 kA @ 15 Cycles X/R 30</td>
<td>63kA @ 15 Cycles X/R 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D1 1” D2 1” D3 5 1/2” D4 2.25”</td>
<td>1/2”-13</td>
</tr>
</tbody>
</table>
### Extension Pad

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MAX CURRENT</th>
<th>FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4X4-EXT-2GS</td>
<td>ALUMINUM (2) 4X4 PADS EXTENSION W/ (2) 1 1/2&quot; X 6&quot; DIA GROUNDING STUDS.</td>
<td>68kA @ 15 Cycles X/R 30</td>
<td>7 LBS</td>
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</tr>
</tbody>
</table>

### Pad to Stud

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MAX CURRENT</th>
<th>FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4X4-1GSF-15</td>
<td>ALUMINUM 4X4 PAD TO 1 1/2&quot; X 6&quot; DIA FLAG STYLE GROUND STUD.</td>
<td>68kA @ 15 Cycles X/R 30</td>
<td>3 LBS</td>
<td></td>
</tr>
</tbody>
</table>

---

**Special Double Stud**
- 3000 A continuous current rating.
- 1-1/2"x6" long ground studs.

**Special Single Stud**
- 3000A continuous current rating.
- 1-1/2"x6" long ground studs.
TEMPORARY POLE MOUNT CLUSTER BAR

- 400A continuous current rating.

The Travis UGD Temporary Pole Mount Cluster Bar is designed to be permanently installed on the power pole and allows definite pole penetration. The rack is easy to use when conduit or other obstructions are on the pole. This rack provides a location for multiple grounding clamps to join, as well as an equal potential zone for the worker on the pole.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB-DE</td>
<td>ALUMINUM GROUNDING JUNCTION RACK.</td>
<td>CLASS 5 43 kA @ 15 Cycles Symmetrical</td>
<td>2</td>
</tr>
</tbody>
</table>
**BREAKAWAY**

**BAC (BREAKAWAY CONNECTOR)**
- 400A continuous current rating.
- Copper C-110

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The Break Away Connector (BAC) creates an equal potential bond for electrical workers operating out of a man lift or any machine that doesn’t have an insulation boom. In the event an electrical worker becomes incapacitated, the hydraulic lift can be lowered manually performing an aerial rescue. In these cases the BAC will break away, freeing the boom from the conductor in which it was attached.

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<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>TAP SIZE</th>
<th>MAX CURRENT FAULT RATING</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAC625(300)</td>
<td>CABLE BREAK-AWAY CONNECTOR 5/8-11 THREAD (250-300LBS (BONDING CABLE ONLY) (NOT TO BE USED FOR GROUNDING)</td>
<td>C-110</td>
<td>5/8-11</td>
<td>CLASS 1 10 KA @ 10 Cycles</td>
<td>1.5</td>
</tr>
<tr>
<td>BAC625(600)</td>
<td>CABLE BREAK-AWAY CONNECTOR 5/8-11 THREAD (550-600LB)(BONDING CABLE ONLY) (NOT TO BE USED FOR GROUNDING)</td>
<td>C-110</td>
<td>5/8-11</td>
<td>CLASS 1 10 KA @ 10 Cycles</td>
<td>1.5</td>
</tr>
</tbody>
</table>
C-CLAMPS
BALL SOCKETS
FLAT CLAMPS
DUCKBILLS
IWCB
DLJ TOOL
ANGLE CLAMPS
GROUNDING STUDS
CLUSTER BAR
BREAKAWAY

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