A complete system of top quality, time saving products, designed for surface metal raceways, lighting and cable supports. Innovative designs offer many installation advantages. The surface raceways are U.L. listed and meet the requirements of the National Electrical Code, Article 384.

**Surface Raceways**
Our channel provides structural support in addition to a raceway system.
For U.L. wire fill see chart on page 278-279.

**Cable Supports**
A full range of clamps and saddles are offered in porcelain and thermoplastic elastomer. Our Insulclamp™ cable clamps and porcelain saddles are furnished complete with steel clamps (electro-plated) and Everdur hardware where required.

**Materials & Finishes***
Steel products are made from low carbon steel strips or plates. Porcelain saddles and clamps are made by dry process and white glazed (porcelain dielectric strength is 50 volts per mil).

*Unless otherwise noted.

**Design Load**
Design load data published includes a Safety Factor of 3.0 (Safety Factor = Ratio of ultimate load to the design load).

U.L. listed raceway channels:

<table>
<thead>
<tr>
<th>Finish Code</th>
<th>Finish Code</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLN</td>
<td>Plain</td>
<td>ASTM A1011</td>
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<tr>
<td></td>
<td></td>
<td>33,000 PSI min. yield</td>
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<tr>
<td>ZN</td>
<td>Electro-Plated Zinc</td>
<td>ASTM B633 SC3 Type III</td>
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<tr>
<td>GRN</td>
<td>DURA GREEN™</td>
<td></td>
</tr>
<tr>
<td>GALV</td>
<td>Pre-Galvanized</td>
<td>ASTM A653</td>
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<tr>
<td>YZN</td>
<td>Yellow Zinc Chromate</td>
<td>ASTM B633 SC3 Type II</td>
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<table>
<thead>
<tr>
<th>Finish Code</th>
<th>Finish Code</th>
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<tbody>
<tr>
<td>B11, B11KO6</td>
<td>B32, B32KO6</td>
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<tr>
<td>B12, B12KO6</td>
<td>B42, B42KO6</td>
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<td>B22, B22KO6</td>
<td>B52, B52KO6</td>
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<td>B24, B24KO6</td>
<td>B54, B54KO6</td>
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</tr>
<tr>
<td>B26, B26KO6</td>
<td>B56, B56KO6</td>
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</tr>
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</table>

U.L. File No. E29637
In all cases, the snap-in closure strip is required to complete raceway enclosure.

**Metric**
Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.
### Selection Chart

<table>
<thead>
<tr>
<th>Channel Number</th>
<th>Depth</th>
<th>1</th>
<th>1A</th>
<th>2</th>
<th>3</th>
<th>3A</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>B22A</td>
<td>3½” (82.5)</td>
<td>B616-22A*</td>
<td>B241S*</td>
<td>B616S-22A*</td>
<td>B205 or B285</td>
<td>B392-22**</td>
<td>B766-22 (2)</td>
<td>B768-22 (2)</td>
</tr>
<tr>
<td>B11</td>
<td>3½” (82.5)</td>
<td>B616-22A*</td>
<td>B241S*</td>
<td>B616S-22A*</td>
<td>B222</td>
<td>B392-11**</td>
<td>B766-11</td>
<td>B768-11</td>
</tr>
<tr>
<td>B12</td>
<td>27/16” (61.9)</td>
<td>B616-22A*</td>
<td>B241S*</td>
<td>B616S-22A*</td>
<td>B221</td>
<td>B392-12**</td>
<td>B766-12</td>
<td>B768-12</td>
</tr>
<tr>
<td>B22</td>
<td>15/8” (41.3)</td>
<td>B616*</td>
<td>B216S*</td>
<td>B616S*</td>
<td>B616TG*</td>
<td>B205 or B285</td>
<td>B392-22**</td>
<td>B766-22</td>
</tr>
<tr>
<td>B24</td>
<td>15/8” (41.3)</td>
<td>B616*</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>B392-22**</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B26</td>
<td>13/8” (34.9)</td>
<td>B616*</td>
<td>B216S*</td>
<td>B616S*</td>
<td>B616TG*</td>
<td>B206</td>
<td>B392-32**</td>
<td>B766-32</td>
</tr>
<tr>
<td>B42</td>
<td>1” (25.4)</td>
<td>B616*</td>
<td>B215S*</td>
<td>B616S*</td>
<td>B616TG*</td>
<td>B203</td>
<td>–</td>
<td>B766-42</td>
</tr>
<tr>
<td>B52</td>
<td>13/16” (20.6)</td>
<td>B616*</td>
<td>B215S*</td>
<td>B616S*</td>
<td>B616TG*</td>
<td>B220 or B283</td>
<td>B766-52</td>
<td>B768-52</td>
</tr>
<tr>
<td>B54</td>
<td>13/16” (20.6)</td>
<td>B616*</td>
<td>B215S*</td>
<td>B616S*</td>
<td>B616TG*</td>
<td>B204 or B284</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B56</td>
<td>13/16” (20.6)</td>
<td>B616*</td>
<td>B215S*</td>
<td>B616S*</td>
<td>B616TG*</td>
<td>–</td>
<td>–</td>
<td>B766-56</td>
</tr>
</tbody>
</table>

*Specify Hanger Rod or Conduit Size.

**Specify Conduit Size

### Other Items Shown on Illustration

- **Snap-in Closure Strip**
- **Beam Clamp**
- **H.I.D. Fixture Hanger**
- **Beam Clamp**
- **Beam Clamp**
- **Beam Clamp**
- **Conduit Connection Plate**
- **Beam Clamp**
- **Beam Clamp**
- **Beam Clamp**

Fluorescent Fixture Hangers

**B616-9/16 Channel Hanger**
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support
- Includes:
  - 2 pcs. 3/8” Flat washers for use with 3/8” ATR
- Material: 16 gauge (1.5)
- Standard finish: ZN
- Wt./C 25 Lbs. (11.3 kg)

**B616S-9/16 Fluorescent Fixture Hanger with Stud**
- Design Load 150 Lbs. (.67 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support
- Allows more than 1/2” (12.7) space between channel and fixture
- Includes:
  - 2 pcs. 3/8” Flat washers for use with 3/8” ATR
- Material: 16 gauge (1.5)
- Standard finish: ZN
- Wt./C 30 Lbs. (13.6 kg)

**B616-7/8 Channel Hanger**
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support

**B616S-7/8 Fluorescent Fixture Hanger with Stud**
- Design Load 150 Lbs. (.67 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support
- Allows more than 1/2” (12.7) space between channel and fixture
- Standard finish: ZN
- Material: 16 gauge (1.5)
- Wt./C 30 Lbs. (13.6 kg)

**B616-22A-9/16 Channel Hanger**
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support
- Includes:
  - 2 pcs. 3/8” Flat washers for use with 3/8” ATR
- Material: 14 gauge (1.9)
- Standard finish: ZN
- Wt./C 44 Lbs. (19.9 kg)

**B616-22A-7/8 Channel Hanger**
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support
- Material: 14 gauge (1.9)
- Standard finish: ZN
- Wt./C 44 Lbs. (19.9 kg)

Fluorescent Fixture Hangers

**B616S-22A-9/16**  
**Fluorescent Fixture Hanger with Stud**  
- Design Load 150 Lbs. (.67 kN)  
- Safety Factor of 3  
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support  
- Includes:  
  - 2 pcs. 3/8” Flat washers for use with 3/8” ATR  
  - Allows more than 1/2” (12.7) space between channel and fixture  
- Material: 14 gauge (1.9)  
- Standard finish: ZN  
- Wt./C 49 Lbs. (22.2 kg)

**B616TG-9/16**  
**Fluorescent Fixture Hanger for 1/2” (15) Knockout**  
- Design Load 150 Lbs. (.67 kN)  
- Safety Factor of 3  
- Maximum design load 50 Lbs. (.22 kN) when used as a fixture support  
- Includes:  
  - 2 pcs. 3/8” Flat washers for use with 3/8” ATR  
- Design Load 150 Lbs. (.67 kN)  
- Allows more than 1/2” (12.7) space between channel and fixture  
- Material: 16 gauge (1.5)  
- Standard finish: ZN  
- Wt./C 32 Lbs. (14.5 kg)

**B215S**  
**Channel Hanger**  
- Can be used with 3/8” & 1/2” threaded rod or 3/8” & 1/2” conduit  
- Design Load 250 Lbs. (1.11 kN)  
- Safety Factor of 3  
- For use with B42, B52, B54 & B56 channels  
- Hardware included:  
  - One (1) 3/8” x 11/2” FFW for use with 3/8”-16 ATR  
  - One (1) 1/2” FW for use with 1/2”-13 ATR  
  - One (1) 5/8” FW for use with 3/8” conduit  
- Material: 16 gauge (1.5)  
- Standard finish: ZN  
- Wt./C 31 Lbs. (14.0 kg)

**B241S**  
**Channel Hanger**  
- Can be used with 3/8” & 1/2” threaded rod or 3/8” & 1/2” conduit  
- Design Load 250 Lbs. (1.11 kN)  
- Safety Factor of 3  
- For use with B11 & B12 channels  
- Hardware included:  
  - One (1) 3/8” x 11/2” FFW for use with 3/8”-16 ATR  
  - One (1) 1/2” FW for use with 1/2”-13 ATR  
  - One (1) 5/8” FW for use with 3/8” conduit  
- Material: 16 gauge (1.5)  
- Standard finish: ZN  
- Wt./C 47 Lbs. (21.3 kg)

**Fluorescent Fixture Hangers**

**B390S 360° Swivel Channel Connector**
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3
- Maximum design load 50 Lbs. (0.22 kN) when used as a fixture support
- Swings 15° in 360° plane
- Includes:
  1. 2 pcs. SN224-3/4"WO Stud nut
  2. 2 pcs. 1/4"-20 Square nut
  3. 1 pc. 3/4" (20) to 1/2" (15) Conduit reducer
- Standard finish: ZN
- Wt./C 71 Lbs. (32.2 kg)

**B390BX 360° Swivel Box Connector**
- Design Load 250 Lbs. (1.11 kN) for connector fitting only
- Safety Factor of 3
- Design Load 50 Lbs. (0.22 kN) when used as illustrated or for use as a fixture support
- Swings 15° in 360° plane
- Includes:
  1. 1 pc. 3/4" (20) to 1/2" (15) Conduit reducer
  2. Fits on 4" box
- Standard finish: ZN
- Wt./C 55 Lbs. (24.9 kg)

**B465 H.I.D. Fixture Hanger**
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3
- Swings 15° in 360° plane
- Includes:
  1. 1 pc. 3/4" (20) to 1/2" (15) Conduit reducer
  2. Standard finish: ZN
- Wt./C 95 Lbs. (43.1 kg)

**B460 Fluorescent Fixture Hanger**
- Hanger is shipped flat and requires field bending as shown
- Allows more than 1/2" (12.7) space between channel and fixture
- Material: 18 gauge (1.2)
- Standard finish: ZN

**B436 Fluorescent Fixture Nut**
- Standard finish: ZN
- Wt./C 2 Lbs. (0.9 kg)

**B436S Fluorescent Fixture Stud Nut**
- Bolt size: 1/4" x 1 1/4"
- Standard finish: ZN
- Wt./C 4 Lbs. (1.8 kg)
- Design Load 250 Lbs. (1.11 kN)
- Safety Factor of 3

**B464 Fluorescent Fixture Hanger**
- Hanger is shipped flat and requires field bending as shown
- Allows more than 1/8" (3.2) space between channel and fixture
- Material: 18 gauge (1.2)
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Channel Size</th>
<th>A</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B460-22</td>
<td>B22, B24, B26, B32</td>
<td>1 1/8&quot;</td>
<td>17 (7.7)</td>
</tr>
<tr>
<td>B460-12</td>
<td>B12</td>
<td>2 1/16&quot;</td>
<td>20 (9.1)</td>
</tr>
<tr>
<td>B460-11</td>
<td>B11</td>
<td>3 3/4&quot;</td>
<td>23 (10.4)</td>
</tr>
</tbody>
</table>

**Part No.**

| B464-32 | B32 | 1 1/2" | 17 (7.7) |
| B464-22 | B22, B24, B26 | 1 3/4" | 18 (8.1) |
| B464-12 | B12 | 2 9/16" | 21 (9.5) |
| B464-11 | B11 | 3 3/8" | 24 (10.9) |


Eaton

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B-Line series strut systems
**Electrical Accessories**

**B217-20**
Snap Closure Strip for All 15/8" (41.3) Wide Channels
- Refer to Raceway Fill Chart pages 278-279
- Material: 20 gauge (.9)
- Standard finishes: GRN, GALV, YZN
- Standard length: 120" (3.05m)
- Wt./CFT 36 Lbs. (16.3 kg)

**B217P**
Plastic Snap Closure Strip for All 15/8" (41.3) Wide Channels
- Refer to Raceway Fill Chart pages 278-279
- Standard finishes: Green (GRN) or Gray (GRY) Plastic
- Standard length: 120" (3.05m)
- Wt./CFT 9.2 Lbs. (4.2 kg)

**B217-24**
Snap Closure Strip for All 15/8" (41.3) Wide Channels
- Refer to Raceway Fill Chart pages 278-279
- For use with 7 or fewer conductors no larger than #12 AWG
- Material: 24 gauge (.6)
- Standard finishes: GRN, GALV, YZN
- Standard length: 120" (3.05m)
- Wt./CFT 28 Lbs. (12.7 kg)

**B516**
Snap-In Outlet Box
- Provided with #10-32 tapped hole for grounding strap
- Duplex cover plate included
- Receptacle not furnished
- Requires ground wire installation for use with UL listed channel raceway system
- Standard finish: GALV
- Wt./C 72 Lbs. (32.6 kg)

**B516S**
Outlet Box
- Duplex cover plate included
- Receptacle not furnished
- Includes:
  - 2 pcs. 1/4"-20 Flat head machine screws
  - 2 pcs. N224WO Channel nuts
- Standard finish: GALV
- Wt./C 98 Lbs. (44.4 kg)

**B203 thru B206**
**B220 thru B223**
X Type End Caps
- Material: 12 gauge (2.6)
- Standard finishes: ZN, GRN, HDG, SS4

**B283 thru B286**
End Caps
- Material: 12 gauge (2.6)
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Use With</th>
<th>A In. mm</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B203</td>
<td>B42</td>
<td>1.015&quot; (25.8)</td>
<td>6 (2.7)</td>
</tr>
<tr>
<td>B204</td>
<td>B54</td>
<td>.827&quot; (21.0)</td>
<td>5 (2.2)</td>
</tr>
<tr>
<td>B205</td>
<td>B22</td>
<td>1.640&quot; (41.6)</td>
<td>10 (4.5)</td>
</tr>
<tr>
<td>B206</td>
<td>B32</td>
<td>1.390&quot; (35.3)</td>
<td>8 (3.6)</td>
</tr>
<tr>
<td>B220</td>
<td>B52</td>
<td>.827&quot; (21.0)</td>
<td>4 (1.8)</td>
</tr>
<tr>
<td>B221</td>
<td>B12</td>
<td>2.452&quot; (62.3)</td>
<td>15 (6.8)</td>
</tr>
<tr>
<td>B222</td>
<td>B11</td>
<td>3.265&quot; (82.9)</td>
<td>20 (9.1)</td>
</tr>
<tr>
<td>B223</td>
<td>B24</td>
<td>1.640&quot; (41.6)</td>
<td>10 (4.5)</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Use With</th>
<th>A In. mm</th>
<th>B In. mm</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B283</td>
<td>B52</td>
<td>113/32&quot; (40.5)</td>
<td>25/32&quot; (19.8)</td>
<td>6 (2.7)</td>
</tr>
<tr>
<td>B284</td>
<td>B54 &amp; B56</td>
<td>113/32&quot; (40.5)</td>
<td>25/32&quot; (19.8)</td>
<td>6 (2.7)</td>
</tr>
<tr>
<td>B285</td>
<td>B22</td>
<td>113/32&quot; (40.5)</td>
<td>113/32&quot; (40.5)</td>
<td>13 (5.9)</td>
</tr>
<tr>
<td>B286</td>
<td>B24 &amp; B26</td>
<td>113/32&quot; (40.5)</td>
<td>113/32&quot; (40.5)</td>
<td>14 (6.3)</td>
</tr>
</tbody>
</table>


B-Line series strut systems

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Electrical Accessories

**B447**
Conduit Connection Plate for 1/2" (15) Conduit
- Includes:
  2 pcs. 1/4"-20 Flat head machine screws
  2 pcs. N224WO Channel nuts
- Material: 16 gauge (1.5)
- Standard finish: ZN
- Wt./C 35 Lbs. (15.9 kg)

**B447A**
Conduit Connection Plate for 3/4" (20) Conduit
- Includes:
  2 pcs. 1/4"-20 Flat head machine screws
  2 pcs. N224WO Channel nuts
- Material: 16 gauge (1.5)
- Standard finish: ZN
- Wt./C 35 Lbs. (15.9 kg)

**B392-32 Series**
Connection End Cap
- Includes:
  1 pc. 1/4"-20 Square nut
  1 pc. B436S Fixture stud nut
- Material: 11 gauge (3.0)
- Standard finish: ZN

**B392-22 Series**
Connection End Cap
- Includes:
  1 pc. 1/4"-20 Square nut
  1 pc. B436S Fixture stud nut
- Material: 11 gauge (3.0)
- Standard finish: ZN

---

**Part No.** | A Dia. | Conduit Size | Wt./C Lbs. kg
---|---|---|---
B392-32-1/2 | 7/8" (22.2) | 1/2" (15) | 20 (9.1)
B392-32-3/4 | 1 1/16" (27.0) | 3/4" (20) | 19 (8.6)

**Part No.** | A Dia. | Conduit Size | Wt./C Lbs. kg
---|---|---|---
B392-22-1/2 | 7/8" (22.2) | 1/2" (15) | 21 (9.5)
B392-22-3/4 | 1 1/16" (27.0) | 3/4" (20) | 20 (9.1)
B392-22-1 | 1" Pipe Thread | 1" (25) | 17 (7.7)

**Part No.** | A Dia. | Conduit Size | Wt./C Lbs. kg
---|---|---|---
B392-11-1/2 | 7/8" (22.2) | 1/2" (15) | 36 (16.3)
B392-11-3/4 | 1 1/16" (27.0) | 3/4" (20) | 33 (14.9)
B392-11-1 | 1" Pipe Thread | 1" (25) | 32 (14.5)

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Eaton

B-Line series strut systems
B718
Universal Junction Bob
- Assemble B719 Hubs into B718 square knockouts
- Designed for use with B22, B24 & B26 channel
- B718 Includes:
  - 1 pc. Junction box only
  - 1 pc. Cover only
  - 2 pcs. #10-20 Round head machine screws
- Standard finish: ZN
- Wt./C 180 Lbs. (81.6 kg)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Includes</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B718-1</td>
<td>1 B718 &amp; 1 B719</td>
<td>205 (93.0)</td>
</tr>
<tr>
<td>B718-2</td>
<td>1 B718 &amp; 2 B719</td>
<td>230 (104.3)</td>
</tr>
<tr>
<td>B718-3</td>
<td>1 B718 &amp; 3 B719</td>
<td>255 (115.6)</td>
</tr>
<tr>
<td>B718-4</td>
<td>1 B718 &amp; 4 B719</td>
<td>280 (127.0)</td>
</tr>
</tbody>
</table>

B719AL
Universal Junction Box Hub
- B719AL Includes:
  - 1 pc. B719AL Hub only
  - 1 pc. B436S Fixture stud nut
  - 1 pc. 1/4”-20 Square nut
  - 2 pcs. #10-24 Self tapping screws
  - 2 pcs. Rubber caps
- Material: Aluminum
- Wt./C 25 Lbs. (11.3 kg)

B518-1 thru B518-4
Universal Junction Box & Hubs
- Channel connection kits as shown in the chart above
- Includes:
  - 1 pc. Junction box with screws
  - 1 pc. Box cover
  - Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Channel Connection Kits Included</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B518-1</td>
<td>1</td>
<td>106 (48.1)</td>
</tr>
<tr>
<td>B518-2</td>
<td>2</td>
<td>137 (62.1)</td>
</tr>
<tr>
<td>B518-3</td>
<td>3</td>
<td>162 (78.5)</td>
</tr>
<tr>
<td>B518-4</td>
<td>4</td>
<td>192 (87.1)</td>
</tr>
</tbody>
</table>

Channel Connection Kit
- For use with B22, B24 & B26 channels.
- Box Dimension: Standard 4” octagon box
- Includes:
  - 1 pc. B392-22-3/4 End connection (See page 212)
  - 1 pc. 3/4” (20) Insulated chase nipple
  - 1 pc. 3/4” (20) Lock nut
- Standard finish: ZN


Electrical Accessories
B766 Series
Straight Strut Joiner
- Includes: 2 Cam screws
- Material: 12 gauge (2.6)
- Standard finish: ZN

B768 Series
Tee Strut Joiner
- Includes: 3 Cam screws
- Patented
- Material: 12 gauge (2.6)
- Standard finish: ZN

B769 Series
Cross Strut Joiner
- Includes: 4 Cam screws
- Patented
- Material: 12 gauge (2.6)
- Standard finish: ZN

Note: Strut joiners are not for structural support. A channel support is recommended within 24” (609 mm) of each joint.

B166
Four Hole Splice Clevis
- Includes:
  1 Splice clevis
  4 pcs. 1/4"-20 Flat head machine screws
  4 pcs. N224WO channel nuts
- Material: 16 gauge (1.5)
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>For Channel Size</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B166-11</td>
<td>3 1/4&quot; (82.5)</td>
<td>B11</td>
<td>128 (58.0)</td>
</tr>
<tr>
<td>B166-12</td>
<td>2 7/16&quot; (61.9)</td>
<td>B12</td>
<td>108 (49.0)</td>
</tr>
<tr>
<td>B166-22</td>
<td>1 5/8&quot; (41.3)</td>
<td>B22, B24, B26</td>
<td>91 (40.3)</td>
</tr>
<tr>
<td>B166-32</td>
<td>1 3/8&quot; (34.9)</td>
<td>B32</td>
<td>83 (37.6)</td>
</tr>
<tr>
<td>B166-42</td>
<td>1&quot; (25.4)</td>
<td>B42</td>
<td>75 (34.0)</td>
</tr>
<tr>
<td>B166-52</td>
<td>1 3/16&quot; (20.6)</td>
<td>B52, B54, B56</td>
<td>71 (32.2)</td>
</tr>
</tbody>
</table>

B166-46
Four Hole Splice Clevis Assembly
- Requires ground wire for use with UL listed channel raceway system
- Includes:
  1 Splice clevis
  1 pc. B466W tapped plate
  4 pcs. 1/4"-20 Flat Head Machine Screws
- Material: 16 gauge (1.5)
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>For Channel Size</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B166-46-11</td>
<td>3 1/4&quot; (82.5)</td>
<td>B11</td>
<td>118 (53.5)</td>
</tr>
<tr>
<td>B166-46-12</td>
<td>2 7/16&quot; (61.9)</td>
<td>B12</td>
<td>98 (44.4)</td>
</tr>
<tr>
<td>B166-46-22</td>
<td>1 5/8&quot; (41.3)</td>
<td>B22, B24, B26</td>
<td>79 (35.8)</td>
</tr>
<tr>
<td>B166-46-32</td>
<td>1 3/8&quot; (34.9)</td>
<td>B32</td>
<td>73 (33.1)</td>
</tr>
<tr>
<td>B166-46-42</td>
<td>1&quot; (25.4)</td>
<td>B42</td>
<td>65 (29.5)</td>
</tr>
<tr>
<td>B166-46-52</td>
<td>1 3/16&quot; (20.6)</td>
<td>B52, B54, B56</td>
<td>61 (27.6)</td>
</tr>
</tbody>
</table>

B393-1
Wiring Stud
- Requires ground wire for use with UL listed channel raceway system
- 1/2” (15) pipe threads
- Material: Cast aluminum
- Wt./C 6 Lbs. (2.7 kg)

B589
Spacer Clevis
- Can be used with B393-1 wiring stud
- Material: 12 gauge (2.6)
- Standard finish: ZN
- Wt./C 29 Lbs. (13.1 kg)

B590
Fiber Wire Retainer
- Installation aid for retaining wires before installing snap closure strip
- Wt./C 1 Lb. (.4 kg)

B619
Knock-Out Plate
- Requires ground wire for use with UL listed channel raceway system
- Includes: 2 pcs. 1/4"-20 Flat head machine screws
  2 pcs. N224WO Channel nuts
- Material: 16 gauge (1.5) - 1/2" (15) conduit knockouts
- Standard finish: ZN
- Wt./C 40 Lbs. (18.1 kg)

B617
Shoulder Bolt
- Standard finish: ZN
- Wt./C 6 Lbs. (2.7 kg)
B446A Swivel Hanger (Female Only)

- Design Load:
  \(\frac{3}{8}\)-610 Lbs. (2.71 kN)
  \(\frac{1}{2}\)-1130 Lbs. (5.02 kN)
- Safety Factor of 3
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>R</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B446A-3/8</td>
<td>(\frac{3}{8})&quot;-16 HN</td>
<td>(\frac{9}{32})&quot; (7.1)</td>
<td>13 (5.9)</td>
</tr>
<tr>
<td>B446A-1/2</td>
<td>(\frac{1}{2})&quot;-13 HN</td>
<td>(\frac{3}{8})&quot; (9.5)</td>
<td>15 (6.8)</td>
</tr>
</tbody>
</table>

B446B Swivel Hanger (Male Only)

- Design Load:
  \(\frac{3}{8}\)-610 Lbs. (2.71 kN)
  \(\frac{1}{2}\)-1130 Lbs. (5.02 kN)
- Safety Factor of 3
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>R</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B446B-3/8</td>
<td>(\frac{3}{8})&quot;-16 HHCS</td>
<td>(\frac{9}{32})&quot; (7.1)</td>
<td>16 (7.2)</td>
</tr>
<tr>
<td>B446B-1/2</td>
<td>(\frac{1}{2})&quot;-13 HHCS</td>
<td>(\frac{3}{8})&quot; (9.5)</td>
<td>20 (9.1)</td>
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</tbody>
</table>

B446C Swivel Hanger (Female-Female)

- Design Load:
  \(\frac{3}{8}\)-610 Lbs. (2.71 kN)
  \(\frac{1}{2}\)-1130 Lbs. (5.02 kN)
- Safety Factor of 3
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B446C-3/8</td>
<td>(\frac{3}{8})&quot;-16 HN</td>
<td>26 (11.8)</td>
</tr>
<tr>
<td>B446C-1/2</td>
<td>(\frac{1}{2})&quot;-13 HN</td>
<td>31 (14.0)</td>
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</tbody>
</table>

B446 Swivel Hanger (Female-Male)

- Design Load:
  \(\frac{3}{8}\)-610 Lbs. (2.71 kN)
  \(\frac{1}{2}\)-1130 Lbs. (5.02 kN)
- Safety Factor of 3
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
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<th>Wt./C</th>
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</thead>
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<tr>
<td>B446-3/8</td>
<td>(\frac{3}{8})&quot;-16 HN</td>
<td>(\frac{3}{8})&quot;-16 HHCS</td>
<td>28 (12.7)</td>
</tr>
<tr>
<td>B446-1/2</td>
<td>(\frac{1}{2})&quot;-13 HN</td>
<td>(\frac{1}{2})&quot;-13 HHCS</td>
<td>36 (16.3)</td>
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B4050 & B4051 Porcelain Cable Channel Saddle

- Electrical porcelain has an dielectric strength of 50 volts/mil

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
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<th>Wt./C</th>
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</thead>
<tbody>
<tr>
<td>B4050</td>
<td>3&quot; (76.2)</td>
<td>1(\frac{3}{8})&quot; (34.9)</td>
<td>72 (32.6)</td>
</tr>
<tr>
<td>B4051</td>
<td>4&quot; (101.6)</td>
<td>2(\frac{1}{8})&quot; (54.0)</td>
<td>100 (45.3)</td>
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</table>

B4094 & B4095 Porcelain Cable Rack Saddle

- Electrical porcelain has an dielectric strength of 50 volts/mil
- Designed for use with B449 brackets

<table>
<thead>
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<th>Part No.</th>
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<th>R</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B4094</td>
<td>2(\frac{7}{8})&quot; (73.0)</td>
<td>1(\frac{3}{8})&quot; (34.9)</td>
<td>67 (30.4)</td>
</tr>
<tr>
<td>B4095</td>
<td>3(\frac{7}{8})&quot; (98.4)</td>
<td>2(\frac{1}{8})&quot; (54.0)</td>
<td>106 (48.1)</td>
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</tbody>
</table>

### B4060 THRU B4093

**Insulclamp™ Cable Clamps (Replaces porcelain clamps)**

- Assembly includes:
  1. Insulclamp & 1 pr. zinc plated pipe straps with Everdur (Silicon Bronze) hardware
  2. The thermoplastic elastomer Insulclamp has a dielectric strength of 640 volts/mil
  3. The flame retardant one piece design allows for trouble free assembly
  4. Everdur hardware is non-ferrous and prevents magnetic induction

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Hole Dia.</th>
<th>Wt./C</th>
<th>Includes Clamp No.</th>
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<tbody>
<tr>
<td>B4060</td>
<td>3/8” (9.5)</td>
<td>25 (11.3)</td>
<td>B2030</td>
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<tr>
<td>B4061</td>
<td>1/2” (12.7)</td>
<td>25 (11.3)</td>
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</tr>
<tr>
<td>B4062</td>
<td>5/8” (15.9)</td>
<td>25 (11.3)</td>
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</tr>
<tr>
<td>B4063</td>
<td>3/4” (19.0)</td>
<td>37 (16.8)</td>
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</tr>
<tr>
<td>B4064</td>
<td>7/8” (22.2)</td>
<td>37 (16.8)</td>
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</tr>
<tr>
<td>B4065</td>
<td>1” (25.4)</td>
<td>37 (16.8)</td>
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</tr>
<tr>
<td>B4066</td>
<td>1 1/8” (28.6)</td>
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</tr>
<tr>
<td>B4067</td>
<td>1 1/4” (31.7)</td>
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</tr>
<tr>
<td>B4068</td>
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<td>58 (26.3)</td>
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<tr>
<td>B4069</td>
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<tr>
<td>B4070</td>
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<tr>
<td>B4071</td>
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<td>76 (34.5)</td>
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</tr>
<tr>
<td>B4072</td>
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<tr>
<td>B4073</td>
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<td>B4074</td>
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<tr>
<td>B4075</td>
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<tr>
<td>B4076</td>
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<tr>
<td>B4077</td>
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</tr>
<tr>
<td>B4078</td>
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<tr>
<td>B4079</td>
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<tr>
<td>B4080</td>
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<tr>
<td>B4081</td>
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<tr>
<td>B4082</td>
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<tr>
<td>B4083</td>
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<tr>
<td>B4084</td>
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<td>130 (58.9)</td>
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<tr>
<td>B4085</td>
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<td>B4086</td>
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<td>130 (58.9)</td>
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</tr>
<tr>
<td>B4087</td>
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<td>160 (72.6)</td>
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</tr>
<tr>
<td>B4088</td>
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<td>160 (72.6)</td>
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<tr>
<td>B4089</td>
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<td>B4090</td>
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