This section offers a full selection of fittings and accessories to complete our strut system. Fittings are made from hot rolled, pickled and oiled plate or strip steel in accordance with ASTM A1018 33,000 PSI min. yield, unless noted.

**Dimensions**
The following dimensions apply to all fittings except as noted:

**Materials & Finishes (Unless otherwise noted)**

<table>
<thead>
<tr>
<th>Finish Code</th>
<th>Finish</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLN</td>
<td>Plain</td>
<td>ASTM A1018 33,000 PSI min. yield</td>
</tr>
<tr>
<td>ZN</td>
<td>Electro-Plated Zinc</td>
<td>ASTM B633 SC3 Type III or ASTM A653</td>
</tr>
<tr>
<td>GRN</td>
<td>DURA GREEN™</td>
<td></td>
</tr>
<tr>
<td>HDG</td>
<td>Hot-Dipped Galvanized</td>
<td>ASTM A123</td>
</tr>
<tr>
<td>SS4</td>
<td>Stainless Steel Type 304</td>
<td>ASTM A240</td>
</tr>
<tr>
<td>SS6</td>
<td>Stainless Steel Type 316</td>
<td>ASTM A240</td>
</tr>
<tr>
<td>AL</td>
<td>Aluminum</td>
<td>ASTM B209</td>
</tr>
</tbody>
</table>

**Recommended Bolt Torque**

<table>
<thead>
<tr>
<th>Bolt Size</th>
<th>1/8&quot;-20</th>
<th>5/32&quot;-18</th>
<th>3/16&quot;-16</th>
<th>1/8&quot;-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot/Lbs.</td>
<td>6</td>
<td>11</td>
<td>19</td>
<td>50</td>
</tr>
<tr>
<td>Nm</td>
<td>8</td>
<td>15</td>
<td>26</td>
<td>68</td>
</tr>
</tbody>
</table>

See chart on page 154 for setscrew torque.

Note: A minimum order may apply on special material and finishes.

**Hardware**
Nuts and bolts are not included with the fittings and must be ordered separately, unless noted.

**Pre-Assembled Fittings**
Some fittings are available with hex head cap screws and channel nuts pre-assembled. These fittings and finishes will be flagged using the following symbol.

**Metric**
Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.
### Square Washer

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>In.</th>
<th>mm</th>
<th>Bolt Size</th>
<th>In.</th>
<th>mm</th>
<th>Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B200</td>
<td>3/8&quot;</td>
<td>(9.5)</td>
<td>5/16&quot;</td>
<td>(7.9)</td>
<td>18</td>
<td>(8.1)</td>
<td></td>
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</tr>
<tr>
<td>B201</td>
<td>7/16&quot;</td>
<td>(11.1)</td>
<td>3/8&quot;</td>
<td>(9.5)</td>
<td>18</td>
<td>(8.1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B202</td>
<td>9/16&quot;</td>
<td>(14.2)</td>
<td>1/2&quot;</td>
<td>(12.7)</td>
<td>17</td>
<td>(7.7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B202-1</td>
<td>11/16&quot;</td>
<td>(17.4)</td>
<td>5/8&quot;</td>
<td>(15.9)</td>
<td>16</td>
<td>(7.2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B202-2</td>
<td>13/16&quot;</td>
<td>(20.6)</td>
<td>3/4&quot;</td>
<td>(19.0)</td>
<td>15</td>
<td>(6.8)</td>
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<tr>
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<td>(23.8)</td>
<td>7/8&quot;</td>
<td>(22.2)</td>
<td>14</td>
<td>(6.3)</td>
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### No Twist Square Washer

<table>
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<th>Part No.</th>
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<th>mm</th>
<th>Bolt Size</th>
<th>In.</th>
<th>mm</th>
<th>Lbs.</th>
<th>kg</th>
</tr>
</thead>
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<td>(7.9)</td>
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<td>(8.1)</td>
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<tr>
<td>B201D</td>
<td>7/16&quot;</td>
<td>(11.1)</td>
<td>3/8&quot;</td>
<td>(9.5)</td>
<td>18</td>
<td>(8.1)</td>
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<tr>
<td>B202D</td>
<td>9/16&quot;</td>
<td>(14.2)</td>
<td>1/2&quot;</td>
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<td>17</td>
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<td>5/8&quot;</td>
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<td>(7.2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B202-2D</td>
<td>13/16&quot;</td>
<td>(20.6)</td>
<td>3/4&quot;</td>
<td>(19.0)</td>
<td>15</td>
<td>(6.8)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B200-B202-2
- Standard finishes: ZN, GRN, HDG, SS4, SS6, AL

### B200D-B202-2D
- Standard finishes: ZN, GRN, HDG, SS4, SS6, AL

### B340
Two Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 34 Lbs. (15.4 kg)

### B528
Two Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 50 Lbs. (22.7 kg)

### B341
Four Hole Splice Plate
- Standard finishes: ZN, GRN, HDG
- Wt./C 76 Lbs. (34.5 kg)

### B342
Five Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 96 Lbs. (43.5 kg)

### B129
Two Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 37 Lbs. (16.8 kg)

### B141
Three Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 55 Lbs. (24.9 kg)

### B557
Three Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 50 Lbs. (22.7 kg)

### B141
Three Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 55 Lbs. (24.9 kg)

### B528
Two Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 50 Lbs. (22.7 kg)

### B342
Five Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 96 Lbs. (43.5 kg)

---

Eaton

Reference page 106 for general fitting and standard finish specifications.

B-Line series strut systems

Eaton

107
### Flat plate fittings

#### B138 Two Hole Swivel Plate
- Standard finishes: ZN, GRN
- Wt./C 48 Lbs. (21.8 kg)

#### B139 Three Hole Swivel Plate
- Standard finishes: ZN, GRN
- Wt./C 69 Lbs. (31.3 kg)

#### B504 Four Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 73 Lbs. (33.1 kg)

#### B140 Three Hole Corner Plate
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 56 Lbs. (25.4 kg)

#### B143 Four Hole Corner Plate
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 75 Lbs. (34.0 kg)

#### B133 Four Hole Tee Plate
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 75 Lbs. (34.0 kg)

#### B132 Five Hole Cross Plate
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)

#### B135 Three Hole Corner Gusset Plate
- Standard finishes: ZN, GRN
- Wt./C 70 Lbs. (31.7 kg)

#### B142 Four Hole Corner Gusset Plate
- Standard finishes: ZN, GRN, HDG
- Wt./C 102 Lbs. (46.2 kg)

---

**PA** Pre-assembled fitting

Reference page 106 for general fitting and standard finish specifications.
Flat plate fittings

B137
Four Hole Corner Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 273 Lbs. (123.8 kg)

B556
Five Hole Corner Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 145 Lbs. (65.8 kg)

B337
Three Hole Tee Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 70 Lbs. (31.7 kg)

B432
Four Hole Tee Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 100 Lbs. (45.3 kg)

B136
Four Hole Tee Gusset Plate
• Standard finishes: ZN, GRN, HDG
• Wt./C 100 Lbs. (45.3 kg)

B532
Five Hole Tee Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 143 Lbs. (64.8 kg)

B339
Six Hole Tee Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 149 Lbs. (67.6 kg)

B334
Seven Hole Cross Gusset Plate
• Standard finishes: ZN, GRN
• Wt./C 232 Lbs. (105.2 kg)

PA Pre-assembled fitting

Reference page 106 for general fitting and standard finish specifications.
**90° Angle fittings**

**B420-378 One Hole Corner Angle**
- Standard finishes: ZN, GRN
- Wt./C 60 Lbs. (27.2 kg)

**B420-578 One Hole Corner Angle**
- Standard finishes: ZN, GRN
- Wt./C 85 Lbs. (38.5 kg)

**B420-778 One Hole Corner Angle**
- Standard finishes: ZN, GRN
- Wt./C 107 Lbs. (48.5 kg)

**B420-978 One Hole Corner Angle**
- Standard finishes: ZN, GRN
- Wt./C 129 Lbs. (58.5 kg)

**B231 Two Hole “No-Twist” Corner Angle**
- Standard finishes: ZN, GRN, HDG
- Wt./C 41 Lbs. (18.6 kg)

**B101 Two Hole Corner Angle**
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 37 Lbs. (16.8 kg)

**B230 Two Hole Corner Angle**
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 37 Lbs. (16.8 kg)

**B359 Two Hole Corner Angle**
- Standard finishes: ZN, GRN
- Wt./C 48 Lbs. (21.8 kg)

**B360 Two Hole Corner Angle**
- Standard finishes: ZN, GRN
- Wt./C 53 Lbs. (24.0 kg)

**PA** Pre-assembled fitting

Reference page 106 for general fitting and standard finish specifications.
### 90° Angle fittings

#### B103 Three Hole Corner Angle
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 56 Lbs. (25.4 kg)

#### B102 Three Hole Corner Angle
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 56 Lbs. (25.4 kg)

#### B104 Four Hole Corner Angle
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 78 Lbs. (35.4 kg)

#### B115 Four Hole Corner Angle
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 76 Lbs. (34.5 kg)

#### B558 Four Hole Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 73 Lbs. (33.1 kg)

#### B232 Three Hole Corner Angle
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 56 Lbs. (25.4 kg)

#### B361 Two Hole Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 60 Lbs. (27.2 kg)

#### B374 Three Hole Corner Angle
- Standard finishes: ZN, GRN, HDG
- Wt./C 56 Lbs. (25.4 kg)

#### B529 Three Hole Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 78 Lbs. (35.4 kg)

#### B115 Four Hole Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 73 Lbs. (33.1 kg)

---

**Reference page 106 for general fitting and standard finish specifications.**
90° Angle fittings

**B236R**
Three Hole (Right Hand) Offset Bent Angle
- 1½" (41.3) from center to center of the holes that are shown with bolt heads
- Standard finishes: ZN, GRN
- Wt./C 65 Lbs. (29.5 kg)

**B236L**
Three Hole (Left Hand) Offset Bent Angle
- Standard finishes: ZN, GRN
- Wt./C 65 Lbs. (29.5 kg)

**B237**
Three Hole Offset Bent Tee
- Standard finishes: ZN, GRN
- Wt./C 71 Lbs. (32.2 kg)

**B357**
Four Hole Offset Bent Tee
- Standard finishes: ZN, GRN
- Wt./C 77 Lbs. (34.9 kg)

**B238R**
Four Hole (Right Hand) Offset Bent Tee
- Standard finishes: ZN, GRN
- Wt./C 76 Lbs. (34.5 kg)

**B238L**
Four Hole (Left Hand) Offset Bent Tee
- Standard finishes: ZN, GRN
- Wt./C 76 Lbs. (34.5 kg)

**B239**
Five Hole Offset Bent Tee
- Standard finishes: ZN, GRN
- Wt./C 96 Lbs. (43.5 kg)

Reference page 106 for general fitting and standard finish specifications.
B844
Universal Shelf Bracket
• Standard finishes: ZN, GRN, HDG, SS4
• Wt./C 132 Lbs. (59.9 kg)

B844W
Universal Shelf Bracket - Welded
• Standard finishes: ZN, GRN
• Wt./C 134 Lbs. (60.8 kg)

B888W
Universal Shelf Bracket - Welded
• Standard finishes: ZN, GRN
• Wt./C 197 Lbs. (89.4 kg)

B234R
Four Hole (Right Hand) Corner Gusset
• Standard finishes: ZN, GRN, HDG
• Wt./C 100 Lbs. (45.3 kg)

B234L
Four Hole (Left Hand) Corner Gusset
• Standard finishes: ZN, GRN, HDG
• Wt./C 100 Lbs. (45.3 kg)

B134R
Four Hole (Right Hand) Corner Gusset
• Standard finishes: ZN, GRN
• Wt./C 100 Lbs. (45.3 kg)

B134L
Four Hole (Left Hand) Corner Gusset
• Standard finishes: ZN, GRN
• Wt./C 100 Lbs. (45.3 kg)

B125
Three Hole Gusseted Shelf Angle
• Standard finishes: ZN, GRN
• Wt./C 67 Lbs. (30.4 kg)

B118
Four Hole Gusseted Shelf Angle
• Standard finishes: ZN, GRN, HDG
• Wt./C 102 Lbs. (46.2 kg)

Reference page 106 for general fitting and standard finish specifications.
90° Angle fittings

B485 Four Hole Gussetted Shelf Angle
- Standard finishes: ZN, GRN
- Wt./C 148 Lbs. (67.1 kg)

B533 Five Hole Gussetted Shelf Angle
- Standard finishes: ZN, GRN
- Wt./C 141 Lbs. (63.9 kg)

B126 Four Hole Gussetted Three Way Shelf Angle
- Standard finishes: ZN, GRN
- Wt./C 101 Lbs. (45.8 kg)

B127 Five Hole Gussetted Three Way Shelf Angle
- Standard finishes: ZN, GRN
- Wt./C 135 Lbs. (61.2 kg)

B503R Six Hole (Right Hand) Gussetted Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 229 Lbs. (103.9 kg)

B503L Six Hole (Left Hand) Gussetted Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 229 Lbs. (103.9 kg)

B663 Seven Hole Gussetted Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 289 Lbs. (131.1 kg)

B371 Two Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 41 Lbs. (18.6 kg)

B372 Two Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 38 Lbs. (17.2 kg)

Reference page 106 for general fitting and standard finish specifications.
B496
Two Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 85 Lbs. (38.5 kg)

B496-1
Two Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN, HDG
- Wt./C 58 Lbs. (26.3 kg)

B371-2
Three Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 61 Lbs. (27.6 kg)

B104SH
Three Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 58 Lbs. (26.3 kg)

B461
Two Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 87 Lbs. (39.4 kg)

B112
Four Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 180 Lbs. (81.6 kg)

B113
Four Hole Adjustable Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 256 Lbs. (116.1 kg)

B109S
Two Hole Tapped Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 33 Lbs. (14.9 kg)

B521
Two Hole Bus Duct Angle
- Standard finishes: ZN, GRN
- Wt./C 37 Lbs. (16.8 kg)

Reference page 106 for general fitting and standard finish specifications.
Angular fittings

B147-B152  
Two Hole Open Angle  
• Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B147</td>
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<td>63</td>
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<td>B148</td>
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<tr>
<td>B152</td>
<td>37</td>
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</tr>
</tbody>
</table>

B162-B165  
Two Hole Open Angle  
• Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
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<tbody>
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<tr>
<td>B165</td>
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</table>

B154  
Two Hole Open Angle  
• Standard finishes: ZN, GRN, SS4  
• Wt./C 58 Lbs. (26.3 kg)

B243-B253  
Four Hole Open Angle  
• Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>B253</td>
<td>82</td>
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</tbody>
</table>

B322-B332  
Two Hole Open Short Angle  
• Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
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<tbody>
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<td>82</td>
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</tbody>
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B522  
Three Hole 95° Open Angle Fitting  
• Standard finishes: ZN, GRN  
• Wt./C 54 Lbs. (24.5 kg)

B488  
Two Hole Leg Connection  
• Standard finishes: ZN, GRN  
• Wt./C 100 Lbs. (45.3 kg)

Reference page 106 for general fitting and standard finish specifications.
B156 - B161
Two Hole Closed Angle
• Standard finishes: ZN, GRN

B155
Two Hole Closed Angle
• Standard finishes: ZN, GRN, HDG, SS4
• Wt./C 63 Lbs. (28.6 kg)

B363 - B369
Four Hole Closed Angle
• Standard finishes: ZN, GRN

B335
Four Hole Adjustable Hinge
• Standard finishes: ZN, GRN
• Wt./C 110 Lbs. (49.9 kg)

B335V
Three Hole Half Hinge
• Standard finishes: ZN, GRN

B335-2 SERIES
Three Hole Adjustable Hinge
• Standard finishes: ZN, GRN

B335-1
Two Hole Adjustable Hinge
• Standard finishes: ZN, GRN
• Wt./C 78 Lbs. (35.4 kg)
**B634**

**Single Channel Adjustable Brace**
- Standard finishes: ZN, GRN
- Wt./C 306 Lbs. (138.8 kg)

**B635**

**Double Channel Adjustable Brace**
- Standard finishes: ZN, GRN
- Wt./C 518 Lbs. (234.9 kg)

**B650 SERIES**

**Seismic Retrofit Bracket**
- Allows installer to easily brace existing trapeze supports.
- Includes: Bracket, B129 plate, & key. Hardware sold separately.
- Standard finish: ZN, GRN

### Specifications

<table>
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<th>Part No. &amp; Size</th>
<th>For Rod Size</th>
<th>TL Lbs.</th>
<th>kN</th>
<th>LL Lbs.</th>
<th>kN</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
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<td>48.5</td>
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**B633**

**Adjustable Seismic Hinge Fitting**
- Use 3/8" Bolt & Channel Nut on two hole side of Connector Fitting (Torque to 50 ft.-lbs.)
- Allows for swivel in two planes.
- Standard finish: ZN

### Specifications

<table>
<thead>
<tr>
<th>Part No. &amp; Size</th>
<th>A Hole Size H</th>
<th>B Hole Size H</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
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<tr>
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Reference page 106 for general fitting and standard finish specifications.
Strut Fittings

Reference page 106 for general fitting and standard finish specifications.

Miscellaneous

Seismic Fittings

Fig. 75
Swivel Attachment
See page 89 for product information

SC228
Hanger Rod Stiffener
See page 91 for product information

Fig. 98
Rod Stiffener
See page 91 for product information

Fig. 98B
Rod Stiffener with Break-Off Bolt Head
See page 91 for product information

Fig. 69
Retaining Strap
See page 156 for product information

Fig. 69R
Retrofit Retaining Strap
See page 156 for product information

Fig. 65
Reversible Steel C-Type Beam Clamp - \( \frac{3}{4}" \)
(19.0mm) Throat Opening
See page 157 for product information

Fig. 65XT
Reversible C-Type Beam Clamp
See page 157 for product information

Fig. 66
Reversible Steel C-Type Beam Clamp - \( 1\frac{1}{4}" \) (31.7mm) Throat Opening
See page 157 for product information

Reference page 106 for general fitting and standard finish specifications.
TOLCO Fig. 825 - bar joist sway brace attachment to steel

Size Range: Fits up to $\frac{3}{8}''$ (9.5mm) thick structural steel member. Accommodates all Fig. 900 Series sway brace attachments.

Material: Steel

Function: To attach sway brace assemblies and/or hanger assemblies to structural steel members.

Features: This product’s design incorporates a concentric attachment point which is critical to the performance of structural seismic connections. NFPA 13 indicates the importance of concentric loading of connections and fasteners. Permits secure non-friction connection without drilling or welding. Unique design reinforces point of connection to joist. Break off head set bolt design assures verification of proper installation torque (min. 31 lbs-ft (42.1N•m)).

Approvals: Underwriters Laboratories Listed in the USA and Canada (cULus). Approved by Factory Mutual Engineering (FM). Included in our Seismic Engineering Guidelines approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to our Seismic Engineering Guidelines, OPM-0052-13.

Installation: Fig. 825 is the structural attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a TOLCO transitional attachment, “bracing pipe” and a TOLCO “braced pipe” attachment, to form a complete bracing assembly. NFPA 13, FM DS 2-8, and/or OSHPD guidelines should be followed.

To Install: Place the Fig. 825 on the steel beam, tighten the cone point set bolts until heads break off. Attach other TOLCO transitional attachment fitting, Fig. 909, 910, 980, 986, or 990. Transitional fitting attachment can pivot for adjustment to proper brace angle.

Finish: Plain or Electro-Galvanized.

Weight: Approx. Wt./100 - 247.5 lbs. (112.2kg)

Order By: Figure number and finish
US Patent #6,098,942,
Canada Patent #2,286,659

Note: Retaining strap not required

Maximum Design Load

<table>
<thead>
<tr>
<th></th>
<th>825W/909-1370 lbs</th>
<th>825W/910-1500 lbs</th>
<th>825W/980-1600 lbs</th>
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<tbody>
<tr>
<td>Design Load</td>
<td>(5.78 kN)</td>
<td>(7.11 kN)</td>
<td>(8.45 kN)</td>
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UL Listed as Hanger Attachment for 6" (150mm) pipe at Maximum Spacing

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<tr>
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<th>Max. Horizontal Design Loads (FM)</th>
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<tr>
<td></td>
<td>30° - 44°</td>
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<tr>
<td>Maximum</td>
<td></td>
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<td>Flange</td>
<td>990</td>
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<td>Maximum</td>
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<td>Flange</td>
<td>460</td>
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<tr>
<td>Parallel to</td>
<td>(2.04)</td>
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<td>Structural Member</td>
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FM Approved design loads are based on ASD design method.

Eaton’s B-Line series seismic bracing components are designed to be compatible only with other B-Line series bracing components, resulting in a listed seismic bracing assembly. Eaton B-Line Division warranty for seismic bracing components will be the warranty provided in Eaton B-Line Division standard terms and conditions of sale made available by Eaton, except that, in addition to the other exclusions from Eaton B-Line Division warranty, Eaton makes no warranty relating to B-Line series seismic bracing components that are combined with products not provided by Eaton.

Reference page 106 for general fitting and standard finish specifications.
TOLCO Fig. 825A - Bar Joist Sway Brace Attachment

Size Range: One size accommodates all Fig. 900 Series sway brace attachments. Maximum Horizontal Design Load 1600 lbs (7.11kN).

Material: Steel

Function: To attach sway bracing to steel open web structural members.

Features: This product’s design incorporates a concentric attachment point which is critical to the performance of structural seismic connections. NFPA 13 indicates the importance of concentric loading of connections and fasteners. Permits secure non-friction connection without drilling or welding. Unique design reinforces point of connection to joist. Break off head bolt design assures verification of proper installation.

Approvals: Underwriters Laboratories Listed in the USA (UL) and Canada (cUL). For additional load, spacing and placement information relating to OSHPD projects, please refer to the TOLCO Seismic Restraint Systems Guidelines.

Installation Instructions: Fig. 825A is the structural attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a TOLCO transitional attachment, “bracing pipe” and a TOLCO “braced pipe” attachment to form a complete bracing assembly. NFPA 13 and/or OSHPD guidelines should be followed.

To Install: Place the Fig. 825A on the steel beam, tighten the cone point set screws until heads break off. Attach other TOLCO transitional attachment fitting, Fig. 909, 910, 980 or 986. Transitional fitting attachment can pivot for adjustment to proper brace angle.

Finish: Plain or Electro-Galvanized

Approx. Wt./100: 154.5 Lbs. (70.1kg)

Order By: Figure number and finish

Patent #6,098,942

Eaton’s B-Line series seismic bracing components are designed to be compatible only with other B-Line series bracing components, resulting in a listed seismic bracing assembly. Eaton B-Line Division warranty for seismic bracing components will be the warranty provided in Eaton B-Line Division standard terms and conditions of sale made available by Eaton, except that, in addition to the other exclusions from Eaton B-Line Division warranty, Eaton makes no warranty relating to B-Line series seismic bracing components that are combined with products not provided by Eaton.
**TOLCO Fig. 828 - universal sway brace attachment to steel**

**Size Range:** One size accommodates all Fig. 900 Series sway brace attachments. Fits from 3/8" (9.4mm) to 7/8" (22.2mm) thick steel structure. For thicknesses less than 3/8" (9.4mm) refer to Fig. 825 and Fig. 825A.

**Material:** Steel

**Function:** To attach sway bracing and/or hangers to various types of steel structural members.

**Features:** Permits secure non-friction connection without drilling or welding. Unique design allows offset placement on wide flange beam, C-channel, open web, welded steel trusses, etc. Secures brace to structure either across or along the beam. Break-off set bolts allow for visual verification of proper installation torque.

**Approvals:** Underwriters Laboratories Listed in the USA and Canada (cULus). Included in our Seismic Engineering Guidelines approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to our Seismic Engineering Guidelines, OPM-0052-13.

For FM Approval information refer to FM Approved page 53.

**Installation Instructions:** The Fig. 828 is the structural attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a TOLCO transitional attachment, “bracing pipe” and a TOLCO “braced pipe” attachment to form a complete bracing assembly. NFPA 13 guidelines should be followed.

**To Install:** Slide the Fig. 828 on the flange of the beam, truss, or girder. Be sure the attachment is fully engaged to the rear of the opening. Tighten the cone point set screws until the heads break off. Remove the flange nut from the carriage bolt. Install a TOLCO swivel fitting (Fig, 909, 910, 980, *986). Use flange nut to secure the swivel fitting.

*Not UL listed when used in combination with Fig. 986

**Finish:** Plain or Electro-Galvanized

**Approx. Weight/100:** 341 Lbs. (154.7 kg)

**Order By:** Figure number and finish

**Patent Pending**

**Note:** Retaining strap not required.

---

**FM Approved Allowable Horizontal Load With Brace Perpendicular To Beam**

<table>
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<tr>
<th>Brace Angle (degrees from vertical)</th>
<th>30°-44°</th>
<th>45°-59°</th>
<th>60°-74°</th>
<th>75°-90°</th>
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<tbody>
<tr>
<td>980</td>
<td>2220</td>
<td>3340</td>
<td>4040</td>
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</tr>
<tr>
<td>(4.350kN)</td>
<td>(9.780kN)</td>
<td>(14.850kN)</td>
<td>(17.970kN)</td>
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**FM Approved Allowable Horizontal Load With Brace Parallel To Beam**

<table>
<thead>
<tr>
<th>Brace Angle (degrees from vertical)</th>
<th>30°-44°</th>
<th>45°-59°</th>
<th>60°-74°</th>
<th>75°-90°</th>
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<tbody>
<tr>
<td>820</td>
<td>1270</td>
<td>1490</td>
<td>1650</td>
<td></td>
</tr>
<tr>
<td>(3.640kN)</td>
<td>(5.640kN)</td>
<td>(6.620kN)</td>
<td>(7.330kN)</td>
<td></td>
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</table>

FM Approved design loads are based on ASD design method.

Eaton’s B-Line series seismic bracing components are designed to be compatible only with other B-Line series bracing components, resulting in a listed seismic bracing assembly. Eaton B-Line Division warranty for seismic bracing components will be the warranty provided in Eaton B-Line Division standard terms and conditions of sale made available by Eaton, except that, in addition to the other exclusions from Eaton B-Line Division warranty, Eaton makes no warranty relating to B-Line series seismic bracing components that are combined with products not provided by Eaton.
TOLCO Fig. 980 - Universal swivel sway brace attachment - 3/8" to 3/4" mounting hardware
TOLCO Fig. 980H - Universal swivel sway brace attachment - 7/8" to 1 1/4" mounting hardware

Size Range: One size fits bracing pipe 1" (25mm) thru 2" (50mm), B-Line series 12 gauge (2.6mm) channel.

Material: Carbon steel

Function: Multi-functional attachment to structure or braced pipe fitting.

Features: This product’s design incorporates a concentric attachment opening which is critical to the performance of structural seismic connections and in accordance with NFPA 13, 2019 Section 18.5.11.5. The Fig. 980 mounts to any surface angle and the break off bolt head assures verification of proper installation.

Installation: Fig. 980 is the structural or transitional attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with the “bracing pipe” and TOLCO™ “braced pipe” attachment, Fig. 1001, 2002, 3000, 4L or approved attachment to pipe to form a complete bracing assembly. NFPA 13 guidelines should be followed.

To Install: Place the Fig. 980 onto the “bracing pipe”. Tighten the set bolt until the head breaks off. Attachment can pivot for adjustment to proper brace angle.

Approvals: —Underwriters Laboratories Listed in the USA (UL) and Canada (cUL). UL Listed for the following brace member type pipes: Sch. 40, KSD 3562. Ask the factory for additional information as it may vary by product size. Included in our Seismic Engineering Guidelines approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to our Seismic Engineering Guidelines, OPM-0052-13. For FM Approval information refer to FM Approved page 61.

Note: Fig. 980 Swivel Attachment and Fig. 1001, 2002, 3000, 4L, or approved attachment to pipe make up a sway brace system of UL Listed attachments and bracing materials which satisfies the requirements of Underwriters Laboratories and the National Fire Protection Association (NFPA)

Finish: Plain, Electro-Galvanized or Stainless Steel. Contact customer service for alternative finishes.

Order By: Figure number and finish.

Pat. #6,273,372, Pat. #6,517,030, Pat. #6,953,174, Pat. #6,708,930, Pat. #7,191,987, Pat. #7,441,730, Pat. #7,669,806

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<th>B **</th>
<th>D **</th>
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<th>Max. Design Load*** (FM)</th>
<th>Approx.Wt./100 lbs. (kg)</th>
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<td>2100 (9.34)</td>
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<td>1600 (7.12)</td>
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<td>3/16 (0.5)</td>
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<td>1/2 (12.7)</td>
<td>2100 (9.34)</td>
<td>2100 (9.34)</td>
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</tbody>
</table>

* Sizes available in stainless steel (980S-3/8, 980S-1/2, 980S-5/8, and 980S-3/4) and have the same UL rating as what is listed.

** Mounting attachment hole size.

*** Installed with 1" or 1 1/4" schedule 40 brace pipe.

Eaton’s B-Line series seismic bracing components are designed to be compatible only with other B-Line series bracing components, resulting in a listed seismic bracing assembly. Eaton B-Line Division warranty for seismic bracing components will be the warranty provided in Eaton B-Line Division standard terms and conditions of sale made available by Eaton, except that, in addition to the other exclusions from Eaton B-Line Division warranty, Eaton makes no warranty relating to B-Line series seismic bracing components that are combined with products not provided by Eaton.

Reference page 106 for general fitting and standard finish specifications.
TOLCO Fig. 981 - Fast attach – universal swivel sway brace attachment

Size Range: Fits bracing pipe 1" (25mm) thru 2" (50mm), 12 gauge (2.6mm) channel and all structural steel up to 1/4" (6.3mm) thick. Fig. 981-S fits rod sizes 3/8" thru 1/2". Fig. 981-L fits rod sizes 1/2" thru 7/8".

Material: Steel

Function: Multi-functional attachment to hanger rod, trapeze rod, structure or braced pipe fitting.

Features: Fits multiple sizes of bracing pipe, strut or structural steel. Swivel allows adjustment to various surface angles. Breakaway bolt heads assure verification of proper installation torque. Unique “fast attach” yoke design fits multiple rod sizes; 3/8" thru 1/2" and 1/2" thru 7/8". “Stackable” design allows installation of both lateral and longitudinal braces to be easily installed on a single hanger rod, with no disassembly.

Installation: Fig. 981 is the “braced pipe” attachment component of a lateral or longitudinal brace assembly. It is intended to be combined with the pipe hanger, all-thread rod, “bracing pipe” and TOLCO transitional and structural attachment component(s) to form a complete bracing assembly. NFPA 13 and or OSHPD guidelines should be followed.

To Install: Spin nut on top of hanger counterclockwise to loosen the nut and raise it above the top of the hanger. Attach Fig. 981 by slipping the open side of the 981 yoke onto the all thread rod above the top of the hanger. Tighten 3/8" cone point set screw on yoke until head breaks-off to ensure proper installation torque. Spin the hex nut clockwise and tighten securely. Insert brace pipe into the jaw of the 981 and tighten the cone point set screw until the head breaks off ensuring proper installation torque. Pivot brace pipe to proper angle and attach to structure using a TOLCO swivel structural attachment.

Finish: Electro-Galvanized

Order By: Figure number, rod size

US Patent Numbers
Pat. #6,273,372, Pat. #7,097,141, Pat. #7,654,043, Pat. #7,654,043 B2

<table>
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<th>Rod Size Range</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>Max. Horizontal Design Load (kN)</th>
<th>Approx. Wt./100 lbs. (kg)</th>
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<td>5 1/8&quot; (130.2)</td>
<td>4 1/4&quot; (104.8)</td>
<td>1 1/4&quot; (31.7)</td>
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<td>2015 (8.96)</td>
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<td>981-L</td>
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<td>5 1/8&quot; (130.2)</td>
<td>4 1/4&quot; (104.8)</td>
<td>1 1/4&quot; (31.7)</td>
<td>2 1/4&quot; (57.1)</td>
<td>2015 (8.96)</td>
<td>82 (37.2)</td>
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</table>

Reference page 106 for general fitting and standard finish specifications.
TOLCO Fig. 985 - mechanical fast clamp

**Size Range:** Fig. 985-S fits rod sizes 3/8" thru 5/8"  
Fig. 985-L fits rod sizes 3/4" thru 7/8"  

**Material:** Steel  
**Function:** Used for attachment of seismic bracing to pipe hanger or trapeze  
**Features:** Allows up to 12" (304.8mm) of adjustability in brace length, when used with Fig. 986. Break-off set screw heads visually verify required installation torque. Unique “Fast Attach” yoke design allows Fig. 985 to be installed to hanger rods 3/8" thru 5/8" or 3/4" thru 7/8"  
**Finish:** Electro-galvanized  
**Order By:** Figure number, rod size & finish  

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Rod Size</th>
<th>A (in.)</th>
<th>B (in.)</th>
<th>Max. Horizontal Design Load (lbs.)</th>
<th>Approx. Wt./100 lbs.</th>
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<tbody>
<tr>
<td>985-S</td>
<td>3/8&quot; thru 5/8&quot;</td>
<td>2&quot; (50.8)</td>
<td>1 1/2&quot; (38.1)</td>
<td>2015 (8.96)</td>
<td>204 (92.5)</td>
</tr>
<tr>
<td>985-L</td>
<td>3/4&quot; &amp; 7/8&quot;</td>
<td>2&quot; (50.8)</td>
<td>1 1/2&quot; (41.3)</td>
<td>2015 (8.96)</td>
<td>198 (89.8)</td>
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</table>

**TOLCO Fig. 986 - Mechanical Fast Clamp**

**Size Range:** Available with holes for 1/2"-13 thru 5/8"-10 fastener attachment.  
**Material:** Steel  
**Function:** Used for attachment of seismic bracing to structure or hanger.  
**Features:** Allows up to 12" (304.8mm) of adjustability in brace length, when used with Fig. 985. Break-off set screw heads visually verify required installation torque. Swivel allows adjustment to various surface angles.  
**Finish:** Electro-galvanized  
**Order By:** Figure number, rod size & finish  

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Rod Size</th>
<th>Hole Dia. D (in.)</th>
<th>Max. Horizontal Design Load* (lbs.)</th>
<th>Approx. Wt./100 lbs.</th>
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</thead>
<tbody>
<tr>
<td>986-1/2</td>
<td>1/2&quot;</td>
<td>9/16&quot; (14.3)</td>
<td>2015 (8.96)</td>
<td>204 (92.5)</td>
</tr>
<tr>
<td>986-5/8</td>
<td>5/8&quot;</td>
<td>11/16&quot; (17.5)</td>
<td>2015 (8.96)</td>
<td>203 (92.1)</td>
</tr>
<tr>
<td>986-3/4</td>
<td>3/4&quot;</td>
<td>13/16&quot; (20.6)</td>
<td>2015 (8.96)</td>
<td>202 (91.6)</td>
</tr>
</tbody>
</table>

* When used with 1/2" (41.3mm) x 1 1/2" (41.3mm) 12 Ga. (2.6mm) channel
B261 - Two Hole 45° Knee Brace
- Standard finishes: ZN, GRN
- Design load determined by testing using a B335 hinged corner connection.
- Load ratings are for brace members only. Do not exceed allowable beam or column loads for strut channels.
- Safety Factor of 3

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Design Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B261-8</td>
<td>8&quot; (203.2)</td>
<td>1500 Lbs. (6.67 kN)</td>
<td>119 Lbs. (54.0 kg)</td>
</tr>
<tr>
<td>B261-12</td>
<td>12&quot; (304.8)</td>
<td>1020 Lbs. (4.54 kN)</td>
<td>165 Lbs. (74.8 kg)</td>
</tr>
<tr>
<td>B261-16</td>
<td>16½&quot; (422.3)</td>
<td>530 Lbs. (2.36 kN)</td>
<td>218 Lbs. (98.9 kg)</td>
</tr>
<tr>
<td>B261-18</td>
<td>18&quot; (457.2)</td>
<td>450 Lbs. (2.00 kN)</td>
<td>234 Lbs. (106.1 kg)</td>
</tr>
<tr>
<td>B261-24</td>
<td>24&quot; (609.6)</td>
<td>250 Lbs. (1.11 kN)</td>
<td>303 Lbs. (137.4 kg)</td>
</tr>
<tr>
<td>B261-36</td>
<td>36&quot; (914.4)</td>
<td>110 Lbs. (.49 kN)</td>
<td>441 Lbs. (200.0 kg)</td>
</tr>
</tbody>
</table>

B631 - Two Hole 45° Tubing Knee Brace
- 1" (25.4) Square steel tubing
- Material: ASTM A513
- Standard finishes: ZN, GRN
- Design load determined by testing using a B335 hinged corner connection.
- Load ratings are for brace members only. Do not exceed allowable beam or column loads for strut channels.
- Safety Factor of 3

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Design Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B631-18</td>
<td>18&quot; (457.2)</td>
<td>1500 Lbs. (6.67 kN)</td>
<td>145 Lbs. (65.8 kg)</td>
</tr>
<tr>
<td>B631-24</td>
<td>24&quot; (609.6)</td>
<td>1020 Lbs. (4.54 kN)</td>
<td>186 Lbs. (84.4 kg)</td>
</tr>
<tr>
<td>B631-30</td>
<td>30&quot; (762.0)</td>
<td>225 Lbs. (1.02 kN)</td>
<td>266 Lbs. (120.6 kg)</td>
</tr>
<tr>
<td>B631-36</td>
<td>36&quot; (914.4)</td>
<td>266 Lbs. (1.20 kN)</td>
<td>307 Lbs. (139.2 kg)</td>
</tr>
<tr>
<td>B631-42</td>
<td>42&quot; (1066.8)</td>
<td>307 Lbs. (1.39 kN)</td>
<td>348 Lbs. (157.8 kg)</td>
</tr>
<tr>
<td>B631-48</td>
<td>48&quot; (1219.2)</td>
<td>348 Lbs. (1.58 kN)</td>
<td>389 Lbs. (176.4 kg)</td>
</tr>
<tr>
<td>B631-54</td>
<td>54&quot; (1371.6)</td>
<td>389 Lbs. (1.76 kN)</td>
<td>430 Lbs. (195.0 kg)</td>
</tr>
<tr>
<td>B631-60</td>
<td>60&quot; (1524.0)</td>
<td>430 Lbs. (1.95 kN)</td>
<td>471 Lbs. (206.4 kg)</td>
</tr>
<tr>
<td>B631-72</td>
<td>72&quot; (1828.8)</td>
<td>508 Lbs. (2.30 kN)</td>
<td>549 Lbs. (250.4 kg)</td>
</tr>
<tr>
<td>B631-84</td>
<td>84&quot; (2133.6)</td>
<td>589 Lbs. (2.67 kg)</td>
<td>630 Lbs. (283.5 kg)</td>
</tr>
<tr>
<td>B631-96</td>
<td>96&quot; (2438.4)</td>
<td>669 Lbs. (3.03 kg)</td>
<td>710 Lbs. (333.9 kg)</td>
</tr>
</tbody>
</table>

B632 - Two Hole Straight Tubing Brace
- 1" (25.4) Square steel tubing
- Material: ASTM A513
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B632-18</td>
<td>18&quot; (457.2)</td>
<td>133 Lbs. (60.3 kg)</td>
</tr>
<tr>
<td>B632-24</td>
<td>24&quot; (609.6)</td>
<td>174 Lbs. (78.9 kg)</td>
</tr>
<tr>
<td>B632-30</td>
<td>30&quot; (762.0)</td>
<td>215 Lbs. (97.5 kg)</td>
</tr>
<tr>
<td>B632-36</td>
<td>36&quot; (914.4)</td>
<td>256 Lbs. (116.1 kg)</td>
</tr>
<tr>
<td>B632-42</td>
<td>42&quot; (1066.8)</td>
<td>295 Lbs. (133.8 kg)</td>
</tr>
<tr>
<td>B632-48</td>
<td>48&quot; (1219.2)</td>
<td>335 Lbs. (151.9 kg)</td>
</tr>
<tr>
<td>B632-54</td>
<td>54&quot; (1371.6)</td>
<td>380 Lbs. (172.3 kg)</td>
</tr>
<tr>
<td>B632-60</td>
<td>60&quot; (1524.0)</td>
<td>420 Lbs. (190.5 kg)</td>
</tr>
<tr>
<td>B632-72</td>
<td>72&quot; (1828.8)</td>
<td>500 Lbs. (226.8 kg)</td>
</tr>
<tr>
<td>B632-84</td>
<td>84&quot; (2133.6)</td>
<td>585 Lbs. (265.3 kg)</td>
</tr>
<tr>
<td>B632-96</td>
<td>96&quot; (2438.4)</td>
<td>670 Lbs. (303.9 kg)</td>
</tr>
</tbody>
</table>

Reference page 106 for general fitting and standard finish specifications.
Strut Fittings

Reference page 106 for general fitting and standard finish specifications.

Clevis fittings

**B169**
Two Hole Splice
Clevis For B52
- Standard finishes: ZN, GRN
- Wt./C 84 Lbs. (38.1 kg)

**B168**
Three Hole Splice
Clevis For B52
- Standard finishes: ZN, GRN
- Wt./C 126 Lbs. (57.1 kg)

**B167**
Four Hole Splice
Clevis For B52
- Standard finishes: ZN, GRN
- Wt./C 178 Lbs. (80.7 kg)

**B170**
Two Hole Splice
Clevis For B22 or B52A
- Standard finishes: ZN, GRN
- Wt./C 123 Lbs. (55.8 kg)

**B171**
Three Hole Splice
Clevis For B22 or B52A
- Standard finishes: ZN, GRN
- Wt./C 195 Lbs. (88.4 kg)

**B172**
Four Hole Splice
Clevis For B22 or B52A
- Standard finishes: ZN, GRN
- Wt./C 266 Lbs. (120.6 kg)

**B172-12**
Four Hole Splice Clevis For B12
- Standard finishes: ZN, GRN
- Wt./C 326 Lbs. (147.8 kg)

**B172-22A**
Four Hole Splice
Clevis For B11 or B22A
- Standard finishes: ZN, GRN
- Wt./C 406 Lbs. (184.1 kg)

**B450**
U-Washer
- Material: ASTM A1011 HSLAS Gr. 50
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No. &amp; Size</th>
<th>Hole Size H</th>
<th>Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B450-1/4</td>
<td>5/16&quot; (7.9)</td>
<td>14</td>
<td>6.3</td>
</tr>
<tr>
<td>B450-3/8</td>
<td>7/16&quot; (11.1)</td>
<td>14</td>
<td>6.3</td>
</tr>
<tr>
<td>B450-9/16</td>
<td>9/16&quot; (14.3)</td>
<td>13</td>
<td>5.8</td>
</tr>
<tr>
<td>B450-11/32</td>
<td>11/32&quot; (17.4)</td>
<td>13</td>
<td>5.8</td>
</tr>
<tr>
<td>B450-1/4</td>
<td>1/4&quot; (6.3)</td>
<td>13</td>
<td>5.8</td>
</tr>
</tbody>
</table>

**PA** Pre-assembled fitting.

Reference page 106 for general fitting and standard finish specifications.
Strut Fittings

Reference page 106 for general fitting and standard finish specifications.

‘U’ Fittings

B527
Three hole offset plate connection
- Standard finishes: ZN, GRN
- Wt./C 54 Lbs. (24.5 kg)

B116-52
Three hole u-support
- Standard finishes: ZN, GRN
- Wt./C 70 Lbs. (31.7 kg)

B116-42
Three hole U-support
- Standard finishes: ZN, GRN
- Wt./C 75 Lbs. (34.0 kg)

B116-32
Three Hole U-Support
- Standard finishes: ZN, GRN
- Wt./C 84 Lbs. (38.1 kg)

B116-32A
Three Hole U-Support
- Standard finishes: ZN, GRN
- Wt./C 116 Lbs. (52.6 kg)

B116-12
Three Hole U-Support
- Standard finishes: ZN, GRN
- Wt./C 108 Lbs. (49.0 kg)

B107
Five Hole U-Support
- Standard finishes: ZN, GRN, HDG
- Wt./C 85 Lbs. (38.5 kg)

PA ZN GRN

B107-22A
Three Hole U-Support
- Standard finishes: ZN, GRN
- Wt./C 126 Lbs. (57.1 kg)

B588
Three Hole U-Support
- Standard finishes: ZN, GRN
- Wt./C 157 Lbs. (71.2 kg)

PA Pre-assembled fitting.
**Strut Fittings**

Reference page 106 for general fitting and standard finish specifications.

**B-Line series strut systems**

**Eaton**

129
B333
Slotted Three Hole U-Support For B22
- Standard finishes: ZN, GRN

B333-1
7\(\frac{1}{2}\)" x 1\(\frac{1}{2}\)" Slots (2)
15/16" (24.2) Dia.
2\(\frac{1}{2}\)" (73.0)
103 (46.7)

B333-2
8\(\frac{1}{2}\)" x 1\(\frac{1}{2}\)" Slots (2)
3\(\frac{1}{4}\)" (81.3)
115 (52.1)

B333-3
10\(\frac{1}{2}\)" x 2\(\frac{1}{2}\)" Slots (2)
4\(\frac{1}{2}\)" (109.5)
135 (61.2)

B408
Two Hole Bus Duct Clevis
- Standard finishes: ZN, GRN

B408-1
2\(\frac{1}{2}\)" x 2\(\frac{1}{2}\)" Slots (2)
89 (22.6)

B408-2
3\(\frac{1}{2}\)" x 2\(\frac{1}{2}\)" Slots (2)
76 (19.3)

B408-3
4\(\frac{1}{2}\)" x 3\(\frac{1}{2}\)" Slots (2)
88 (22.6)

B358
Two Hole Clevis
- Standard finishes: ZN, GRN

B358-4
4" (101.6)
89 (40.3)

B358-5
5" (127.0)
93 (42.2)

B358-6
6" (152.4)
106 (48.1)

B358-7
7" (177.8)
118 (53.5)

B358-8
8" (203.2)
132 (59.9)

B173
Four Hole Clevis
- Standard finishes: ZN, GRN
- Wt/C 71 Lbs. (32.2 kg)

B595
Three Hole Clevis
- Standard finishes: ZN, GRN
- Wt/C 75 Lbs. (34.0 kg)

B405
Three Hole Suspension Clevis
- Standard finishes: ZN, GRN
- Wt/C 75 Lbs. (34.0 kg)

Reference page 106 for general fitting and standard finish specifications.
**B398-1**
Three Hole Cup Support
- Standard finishes: ZN, GRN
- Wt./C 73 Lbs. (33.1 kg)

**B400**
Three Stud Ring Connection
- 1/2"-13 stud protrudes 1" (25.4mm)
- Standard finishes: ZN
- Wt./C 85 Lbs. (38.5 kg)

**B400-1**
One Stud Ring Connection
- 1/2"-13 stud protrudes 1" (25.4mm)
- Standard finishes: ZN
- Wt./C 53 Lbs. (24.0 kg)

**B400-2**
One Stud Ring Connection
- 1/2"-13 stud protrudes 1" (25.4mm)
- Standard finishes: ZN
- Wt./C 40 Lbs. (18.1 kg)

**B400-3**
Two Stud Ring Connection
- 1/2"-13 stud protrudes 1" (25.4mm)
- Standard finishes: ZN
- Wt./C 59 Lbs. (26.7 kg)

**B400-4**
Two Stud Ring Connection
- 1/2"-13 stud protrudes 1" (25.4mm)
- Standard finishes: ZN
- Wt./C 59 Lbs. (26.7 kg)
### Z Fittings

- **B526**
  - **Two Hole Offset Z-Support**
  - Standard finishes: ZN, GRN
  - Wt./C 38 Lbs. (17.2 kg)

- **B106-42**
  - **Two Hole Offset Z-Support for B42**
  - Standard finishes: ZN, GRN
  - Wt./C 44 Lbs. (20.0 kg)

- **B106-52**
  - **Two Hole Offset Z-Support for B52**
  - Standard finishes: ZN, GRN
  - Wt./C 40 Lbs. (18.1 kg)

- **B106-32**
  - **Two Hole Offset Z-Support for B32**
  - Standard finishes: ZN, GRN
  - Wt./C 51 Lbs. (23.1 kg)

- **B526**
  - **One Hole Offset Z-Support**
  - Standard finishes: ZN, GRN
  - Wt./C 44 Lbs. (20.0 kg)

- **B106-12**
  - **Two Hole Offset Z-Support for B12**
  - Standard finishes: ZN, GRN
  - Wt./C 63 Lbs. (28.6 kg)

- **B106-22**
  - **Two Hole Offset Z-Support for B22**
  - Standard finishes: ZN, GRN
  - Wt./C 70 Lbs. (31.7 kg)

- **B105**
  - **Three Hole Offset Z-Support for B22**
  - Standard finishes: ZN, GRN, HDG
  - Wt./C 51 Lbs. (23.1 kg)

- **B110**
  - **Three Hole Offset Z-Support for B11**
  - Standard finishes: ZN, GRN
  - Wt./C 70 Lbs. (31.7 kg)

- **B586**
  - **Two Hole Z-Support**
  - Standard finishes: ZN, GRN
  - Wt./C 90 Lbs. (40.8 kg)

- **B108**
  - **Two Hole Offset Z-Support**
  - Standard finishes: ZN, GRN
  - Wt./C 55 Lbs. (24.9 kg)

Reference page 106 for general fitting and standard finish specifications.
Strut Fittings

Reference page 106 for general fitting and standard finish specifications.

**B387**
Two Hole Z-Bus Duct Connection
- Standard finishes: ZN, GRN

**B407**
Two Hole Z-Support
- Standard finishes: ZN, GRN

**B111**
Three Hole Sheath Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 68 Lbs. (30.8 kg)

### B407-4
Part No. | A | Wt./C
--- | --- | ---
B407-4 | 4” (101.6) | 77 (34.9)
B407-5 | 5” (127.0) | 95 (43.1)
B407-6 | 6” (152.4) | 98 (44.4)
B407-7 | 7” (177.8) | 105 (47.6)
B407-8 | 8” (203.2) | 120 (54.4)
B407-9/1 | 9” (244.5) | 138 (62.6)

### B410-52
Channel Hanger Bracket for B52
- Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
- Standard finishes: ZN, GRN
- Wt./C 6.7 Lbs. (3.0 kg)

### B410-32
Channel Hanger Bracket for B32
- Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
- Standard finishes: ZN, GRN
- Wt./C 8.3 Lbs. (3.7 kg)

### B410-12
Channel Hanger Bracket for B12
- Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
- Standard finishes: ZN, GRN
- Wt./C 11.2 Lbs. (5.1 kg)

### B580
Five Hole Gusseted Z-Support
- Standard finishes: ZN, GRN
- Wt./C 100 Lbs. (45.3 kg)
‘Z’ & Wing fittings

B515
Adjustable Offset Gussetted Z-Support
- Standard finishes: ZN, GRN
- Wt./C 93 Lbs. (42.2 kg)

B428
Eight Hole Gussetted Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 203 Lbs. (92.1 kg)

B267R
Three Hole Single Corner Connection (Right Hand)
- Standard finishes: ZN, GRN
- Wt./C 54 Lbs. (24.5 kg)

B267L
Three Hole Single Corner Connection (Left Hand)
- Standard finishes: ZN, GRN
- Wt./C 54 Lbs. (24.5 kg)

B270R
Four Hole Single Corner Connection (Right Hand)
- Standard finishes: ZN, GRN
- Wt./C 77 Lbs. (34.9 kg)

B270L
Four Hole Single Corner Connection (Left Hand)
- Standard finishes: ZN, GRN
- Wt./C 77 Lbs. (34.9 kg)

B268R
Five Hole Single Corner Connection (Right Hand)
- Standard finishes: ZN, GRN
- Wt./C 100 Lbs. (45.3 kg)

B268L
Five Hole Single Corner Connection (Left Hand)
- Standard finishes: ZN, GRN
- Wt./C 100 Lbs. (45.3 kg)

Reference page 106 for general fitting and standard finish specifications.
Wing fittings

B269R
Six Hole Single Corner Connection (Right Hand)
- Standard finishes: ZN, GRN
- Wt./C 120 Lbs. (54.4 kg)

B269L
Six Hole Single Corner Connection (Left Hand)
- Standard finishes: ZN, GRN
- Wt./C 120 Lbs. (54.4 kg)

B119
Six Hole Double Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 71 Lbs. (32.2 kg)

B120
Six Hole Double Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 110 Lbs. (49.9 kg)

B121
Eight Hole Double Corner Connection
- Standard finishes: ZN, GRN
- Wt./C 152 Lbs. (68.9 kg)

B271
Five Hole Double Wing Connection
- Standard finishes: ZN, GRN
- Wt./C 95 Lbs. (43.1 kg)

B272
Eight Hole Double Wing Connection
- Standard finishes: ZN, GRN
- Wt./C 156 Lbs. (70.7 kg)

B273
Ten Hole Double Wing Connection
- Standard finishes: ZN, GRN
- Wt./C 185 Lbs. (83.9 kg)

B122
Six Hole Triple Wing Connection
- Standard finishes: ZN, GRN
- Wt./C 110 Lbs. (49.9 kg)

Reference page 106 for general fitting and standard finish specifications.

B-Line series strut systems

135
Eaton
Wing fittings

**B123**
**Twelve Hole Triple Wing Connection**
- Standard finishes: ZN, GRN
- Wt./C 234 Lbs. (106.1 kg)

**B124**
**Nine Hole Triple Wing Connection**
- Standard finishes: ZN, GRN
- Wt./C 177 Lbs. (80.3 kg)

**B276**
**Fourteen Hole Double Corner Gussetted Connection**
- Standard finishes: ZN, GRN
- Wt./C 196 Lbs. (88.9 kg)

**B274R**
**Eight Hole Single Corner Gussetted Connection (Right Hand)**
- Standard finishes: ZN, GRN
- Wt./C 176 Lbs. (79.8 kg)

**B274L**
**Eight Hole Single Corner Gussetted Connection (Left Hand)**
- Standard finishes: ZN, GRN
- Wt./C 176 Lbs. (79.8 kg)

**B277**
**Twelve Hole Triple Wing Gussetted Connection**
- Standard finishes: ZN, GRN
- Wt./C 285 Lbs. (129.3 kg)

**B362**
**Eight Hole Double Corner Gussetted Connection**
- Standard finishes: ZN, GRN
- Wt./C 226 Lbs. (102.5 kg)

**B571**
**Eight Hole Wing Connection**
- Standard finishes: ZN, GRN
- Wt./C 201 Lbs. (91.2 kg)

Reference page 106 for general fitting and standard finish specifications.
Strut Fittings

Reference page 106 for general fitting and standard finish specifications.

B346L
Eight Hole Double Corner Gussetted Connection (Left Hand)
- Standard finishes: ZN, GRN
- Wt./C 242 Lbs. (109.8 kg)

B346R
Eight Hole Double Corner Gussetted Connection (Right Hand)
- Standard finishes: ZN, GRN
- Wt./C 242 Lbs. (109.8 kg)

B279
Post Base for B22
- Standard finishes: ZN, GRN
- Wt./C 314 Lbs. (142.4 kg)

B279SQ
Post Base for B22
- Standard finishes: ZN, GRN
- Wt./C 314 Lbs. (142.4 kg)

B279FL
Post Base for B22
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 392 Lbs. (177.8 kg)

B280
Post Base for B22
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 392 Lbs. (177.8 kg)

B280SQ
Post Base for B22
- Standard finishes: ZN, GRN, HDG, SS4, AL
- Wt./C 312 Lbs. (141.5 kg)

B280FL
Post Base for B22
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 230 Lbs. (104.3 kg)
### Post bases

**B281A**  
*Post Base for B22A, B, C, ETC.*  
- Standard finishes: ZN, GRN  
- Wt./C 330 Lbs. (149.7 kg)

**B281ASQ**  
*Post Base for B22A, B, C, Etc.*  
- Standard finishes: ZN, GRN  
- Wt./C 330 Lbs. (149.7 kg)

**B281AFL**  
*Post Base for B22A, B, C, Etc.*  
- Standard finishes: ZN, GRN  
- Wt./C 250 Lbs. (113.4 kg)

**B281**  
*Post Base for B22A, B, C, Etc.*  
- Standard finishes: ZN, GRN, HDG  
- Wt./C 400 Lbs. (181.4 kg)

**B281SQ**  
*Post Base for B22A, B, C, Etc.*  
- Standard finishes: ZN, GRN, HDG, SS4  
- Wt./C 400 Lbs. (181.4 kg)

**B281FL**  
*Post Base for B22A, B, C, Etc.*  
- Standard finishes: ZN, GRN  
- Wt./C 320 Lbs. (145.1 kg)

**B281M**  
*Post Base for B22-2PL*  
- Standard finishes: ZN, GRN  
- Wt./C 470 Lbs. (213.2 kg)

**B281MSQ**  
*Post Base for B22-2PL*  
- Standard finishes: ZN, GRN  
- Wt./C 470 Lbs. (213.2 kg)

**B570**  
*Post Base for Four Channel Combinations*  
- Standard finishes: ZN, GRN  
- Wt./C 397 Lbs. (180.1 kg)

Reference page 106 for general fitting and standard finish specifications.
Strut Fittings

Reference page 106 for general fitting and standard finish specifications.

**B570A Post Base for Four Channel Combinations**
- Standard finishes: ZN, GRN
- Wt./C 560 Lbs. (249.5 kg)

**B278 Post Base for B22**
- Standard finishes: ZN, GRN
- Wt./C 288 Lbs. (130.6 kg)

**B585 Post Base for B22A**
- Standard finishes: ZN, GRN
- Wt./C 97 Lbs. (44.0 kg)

**B300 Post Base**
- Material: Malleable Iron
- Standard finishes: ZN, GRN
- Wt./C 259 Lbs. (117.5 kg)

**B187 Bracket**
- Uniform Loading 1450 Lbs. (6.45 kN)
- Safety Factor of 2.5
- Hole Spacing on Bracket Top 5\(^\frac{3}{4}\) in (150.8) Center to Center
- Standard finishes: ZN, GRN
- Wt./C 193 Lbs. (87.5 kg)

**B188 Bracket**
- Uniform Loading 1080 Lbs. (4.80 kN)
- Safety Factor of 2.5
- Hole Spacing on Bracket Top 8\(^\frac{1}{4}\) in (227.0) Center to Center
- Standard finishes: ZN, GRN
- Wt./C 241 Lbs. (109.3 kg)

**B189 Bracket**
- Uniform Loading 870 Lbs. (3.87 kN)
- Safety Factor of 2.5
- Hole Spacing on Bracket Top 11\(^\frac{1}{4}\) in (303.2) Center to Center
- Standard finishes: ZN, GRN
- Wt./C 308 Lbs. (139.7 kg)

**B541 Bracket**
- Uniform Loading 1240 Lbs. (5.51 kN)
- Safety Factor of 2.5
- Hole Spacing on Bracket Top 7\(^\frac{1}{4}\) in (188.9) Center to Center
- Standard finishes: ZN, GRN
- Wt./C 201 Lbs. (91.2 kg)
Post bases & brackets

**B190 12” (304.8) Bracket**
- Uniform Loading 900 Lbs. (4.00 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 260 Lbs. (117.9 kg)

**B191-18 18” (457.2) Bracket**
- Uniform Loading 600 Lbs. (2.67 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 377 Lbs. (171.0 kg)

**B289-12 12¼” (317.5) Bracket**
- Uniform Loading 1040 Lbs. (4.63 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 285 Lbs. (129.3 kg)

**B191-24 24” (609.6) Bracket**
- Uniform Loading 450 Lbs. (2.00 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 377 Lbs. (171.0 kg)

**B290 16¼” (419.1) Bracket**
- Uniform Loading 1200 Lbs. (5.34 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 405 Lbs. (183.7 kg)

**B192 24” (609.6) Bracket**
- Uniform Loading 820 Lbs. (3.65 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 576 Lbs. (261.3 kg)

Reference page 106 for general fitting and standard finish specifications.
B289-14  14¼" (368.3) Bracket

- Uniform Loading 900 Lbs. (4.00 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 295 Lbs. (133.8 kg)

B291  18¼" (469.9) Bracket

- Uniform Loading 1070 Lbs. (4.76 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN
- Wt./C 468 Lbs. (212.3 kg)

B292  20¼" (520.7) Bracket

- Uniform Loading 600 Lbs. (2.67 kN)
- Safety Factor of 2.5
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 490 Lbs. (222.2 kg)

Reference page 106 for general fitting and standard finish specifications.
B409
Single Channel Bracket
- Safety Factor of 2.5
- Standard finishes: ZN, GRN, SS4

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (In.)</th>
<th>Uniform Load (Lbs.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B409-6</td>
<td>6&quot;</td>
<td>1920</td>
<td>152</td>
</tr>
<tr>
<td>B409-9</td>
<td>9&quot;</td>
<td>1280</td>
<td>95</td>
</tr>
<tr>
<td>B409-12</td>
<td>12&quot;</td>
<td>960</td>
<td>73</td>
</tr>
<tr>
<td>B409-14</td>
<td>14&quot;</td>
<td>800</td>
<td>64</td>
</tr>
<tr>
<td>B409-16</td>
<td>16&quot;</td>
<td>730</td>
<td>56</td>
</tr>
<tr>
<td>B409-18</td>
<td>18&quot;</td>
<td>640</td>
<td>48</td>
</tr>
<tr>
<td>B409-24</td>
<td>24&quot;</td>
<td>480</td>
<td>38</td>
</tr>
</tbody>
</table>

B297
Double Channel Bracket
- Safety Factor of 2.5
- Standard finishes: ZN, GRN, HDG

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (In.)</th>
<th>Uniform Load (Lbs.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B297-12</td>
<td>12&quot;</td>
<td>1660</td>
<td>485</td>
</tr>
<tr>
<td>B297-18</td>
<td>18&quot;</td>
<td>1100</td>
<td>668</td>
</tr>
<tr>
<td>B297-24</td>
<td>24&quot;</td>
<td>835</td>
<td>509</td>
</tr>
<tr>
<td>B297-30</td>
<td>30&quot;</td>
<td>665</td>
<td>410</td>
</tr>
<tr>
<td>B297-36</td>
<td>36&quot;</td>
<td>550</td>
<td>323</td>
</tr>
<tr>
<td>B297-42</td>
<td>42&quot;</td>
<td>465</td>
<td>266</td>
</tr>
</tbody>
</table>

B494
Braced Single Bracket
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>L (In.)</th>
<th>H (In.)</th>
<th>Uniform Load (Lbs.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B494-12</td>
<td>12&quot;</td>
<td>8 3/4&quot;</td>
<td>2500</td>
<td>392</td>
</tr>
<tr>
<td>B494-18</td>
<td>18&quot;</td>
<td>8 3/4&quot;</td>
<td>1700</td>
<td>509</td>
</tr>
<tr>
<td>B494-24</td>
<td>24&quot;</td>
<td>8 3/4&quot;</td>
<td>1300</td>
<td>635</td>
</tr>
<tr>
<td>B494-30</td>
<td>30&quot;</td>
<td>11 3/4&quot;</td>
<td>1600</td>
<td>885</td>
</tr>
<tr>
<td>B494-36</td>
<td>36&quot;</td>
<td>11 3/4&quot;</td>
<td>1100</td>
<td>1024</td>
</tr>
<tr>
<td>B494-42</td>
<td>42&quot;</td>
<td>16&quot;</td>
<td>980</td>
<td>1285</td>
</tr>
<tr>
<td>B494-48</td>
<td>48&quot;</td>
<td>16&quot;</td>
<td>980</td>
<td>1409</td>
</tr>
</tbody>
</table>

Reference page 106 for general fitting and standard finish specifications.
B174SH-B186SH  L&R Slotted Bracket

- Safety Factor of 2.5
- Specify L for left or R for right bracing
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>Uniform Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>mm</td>
<td>Lbs.</td>
<td>kN</td>
</tr>
<tr>
<td>B174SH</td>
<td>24</td>
<td>(609.6)</td>
<td>67/8&quot; (163.5)</td>
<td>225 (1.00)</td>
</tr>
<tr>
<td>B175SH</td>
<td>26</td>
<td>(660.4)</td>
<td>67/8&quot; (176.2)</td>
<td>225 (1.00)</td>
</tr>
<tr>
<td>B176SH</td>
<td>28</td>
<td>(711.2)</td>
<td>77/8&quot; (188.9)</td>
<td>225 (1.00)</td>
</tr>
<tr>
<td>B177SH</td>
<td>30</td>
<td>(762.0)</td>
<td>77/8&quot; (201.6)</td>
<td>225 (1.00)</td>
</tr>
<tr>
<td>B178SH</td>
<td>12</td>
<td>(304.8)</td>
<td>37/8&quot; (87.3)</td>
<td>350 (1.55)</td>
</tr>
<tr>
<td>B179SH</td>
<td>14</td>
<td>(355.6)</td>
<td>37/8&quot; (100.0)</td>
<td>350 (1.55)</td>
</tr>
<tr>
<td>B180SH</td>
<td>16</td>
<td>(406.4)</td>
<td>47/8&quot; (112.7)</td>
<td>250 (1.11)</td>
</tr>
<tr>
<td>B181SH</td>
<td>18</td>
<td>(457.2)</td>
<td>47/8&quot; (125.4)</td>
<td>250 (1.11)</td>
</tr>
<tr>
<td>B182SH</td>
<td>20</td>
<td>(508.0)</td>
<td>57/8&quot; (138.1)</td>
<td>250 (1.11)</td>
</tr>
<tr>
<td>B183SH</td>
<td>22</td>
<td>(558.8)</td>
<td>57/8&quot; (150.8)</td>
<td>250 (1.11)</td>
</tr>
<tr>
<td>B184SH</td>
<td>6</td>
<td>(152.4)</td>
<td>17/8&quot; (49.2)</td>
<td>225 (1.00)</td>
</tr>
<tr>
<td>B185SH</td>
<td>8</td>
<td>(203.2)</td>
<td>27/8&quot; (61.9)</td>
<td>225 (1.00)</td>
</tr>
<tr>
<td>B186SH</td>
<td>10</td>
<td>(254.0)</td>
<td>27/8&quot; (74.6)</td>
<td>325 (1.44)</td>
</tr>
</tbody>
</table>

B196
Channel Clevis Bracket
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Uniform Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>Lbs.</td>
<td>kN</td>
</tr>
<tr>
<td>B196-18</td>
<td>18</td>
<td>600 (2.67)</td>
<td>430 (195.0)</td>
</tr>
<tr>
<td>B196-24</td>
<td>24</td>
<td>450 (2.00)</td>
<td>510 (231.3)</td>
</tr>
</tbody>
</table>

B198
Channel Clevis Bracket
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Uniform Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>Lbs.</td>
<td>kN</td>
</tr>
<tr>
<td>B198-6</td>
<td>6</td>
<td>1600 (7.12)</td>
<td>185 (83.9)</td>
</tr>
<tr>
<td>B198-12</td>
<td>12</td>
<td>800 (3.56)</td>
<td>284 (128.8)</td>
</tr>
</tbody>
</table>

Reference page 106 for general fitting and standard finish specifications.
**B293 Channel Bracket**
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

**B293A Channel Bracket**
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Uniform Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B293-6</strong></td>
<td>6&quot; (152.4)</td>
<td>1200 (5.34)</td>
<td>144 (65.3)</td>
</tr>
<tr>
<td><strong>B293-12</strong></td>
<td>12&quot; (304.8)</td>
<td>600 (2.67)</td>
<td>252 (114.3)</td>
</tr>
<tr>
<td><strong>B293-18</strong></td>
<td>18&quot; (457.2)</td>
<td>400 (1.78)</td>
<td>340 (154.2)</td>
</tr>
<tr>
<td><strong>B293-24</strong></td>
<td>24&quot; (609.6)</td>
<td>300 (1.33)</td>
<td>412 (186.9)</td>
</tr>
</tbody>
</table>

**Part A Uniform Load**

<table>
<thead>
<tr>
<th>No.</th>
<th>In.</th>
<th>Lbs.</th>
<th>kN</th>
<th>Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B293-6</strong></td>
<td>6&quot; (152.4)</td>
<td>1200</td>
<td>5.34</td>
<td>144</td>
<td>65.3</td>
</tr>
<tr>
<td><strong>B293-12</strong></td>
<td>12&quot; (304.8)</td>
<td>600</td>
<td>2.67</td>
<td>252</td>
<td>114.3</td>
</tr>
<tr>
<td><strong>B293-18</strong></td>
<td>18&quot; (457.2)</td>
<td>400</td>
<td>1.78</td>
<td>340</td>
<td>154.2</td>
</tr>
<tr>
<td><strong>B293-24</strong></td>
<td>24&quot; (609.6)</td>
<td>300</td>
<td>1.33</td>
<td>412</td>
<td>186.9</td>
</tr>
</tbody>
</table>

**B194 Bracket for B22 & B24**
- Safety Factor of 2.5
- 6300 In.-Lbs (712 N•m) applies to fitting only, not to strength of strut arm
- Refer to pages 56, 57 & 59 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 210 Lbs. (95.2 kg)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Uniform Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B22</strong></td>
<td>8&quot; (203.2)</td>
<td>1200 (5.34)</td>
<td>144 (65.3)</td>
</tr>
<tr>
<td><strong>B22A</strong></td>
<td>13/32&quot; (27.8)</td>
<td>600 (2.67)</td>
<td>252 (114.3)</td>
</tr>
<tr>
<td><strong>B22</strong></td>
<td>21/8&quot; (54.0)</td>
<td>400 (1.78)</td>
<td>340 (154.2)</td>
</tr>
<tr>
<td><strong>B22A</strong></td>
<td>21/8&quot; (54.0)</td>
<td>300 (1.33)</td>
<td>412 (186.9)</td>
</tr>
</tbody>
</table>

**Part A Uniform Load**

<table>
<thead>
<tr>
<th>Part</th>
<th>A</th>
<th>Uniform Load</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B22</strong></td>
<td>8&quot; (203.2)</td>
<td>1200 (5.34)</td>
</tr>
<tr>
<td><strong>B22A</strong></td>
<td>13/32&quot; (27.8)</td>
<td>600 (2.67)</td>
</tr>
<tr>
<td><strong>B22</strong></td>
<td>21/8&quot; (54.0)</td>
<td>400 (1.78)</td>
</tr>
<tr>
<td><strong>B22A</strong></td>
<td>21/8&quot; (54.0)</td>
<td>300 (1.33)</td>
</tr>
</tbody>
</table>

**B195 Bracket for B42**
- Safety Factor of 2.5
- 2500 In.-Lbs (282 N•m) applies to fitting only, not to strength of strut arm
- Refer to pages 57 & 65 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 174 Lbs. (78.9 kg)

**B440 Bracket for B52 & B54**
- Safety Factor of 2.5
- 2000 In.-Lbs (226 N•m) applies to fitting only, not to strength of strut arm
- Refer to page 57, 67, & 69 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 177 Lbs. (80.3 kg)

Reference page 106 for general fitting and standard finish specifications.
B449-4, 8 & 12
Cable Saddle Bracket
• Safety Factor of 2.5
• Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
• Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (In.)</th>
<th>B (In.)</th>
<th>Uniform Load (Lbs.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B449-4</td>
<td>4 1/2&quot;</td>
<td>2 3/8&quot;</td>
<td>2400 (10.67)</td>
<td>74 (33.5)</td>
</tr>
<tr>
<td>B449-8</td>
<td>8 1/2&quot;</td>
<td>2 3/8&quot;</td>
<td>1270 (5.65)</td>
<td>124 (56.2)</td>
</tr>
<tr>
<td>B449-12</td>
<td>12 1/2&quot;</td>
<td>4&quot;</td>
<td>860 (3.82)</td>
<td>184 (83.4)</td>
</tr>
</tbody>
</table>

B449-18
18" (457.2) Cable Saddle Bracket
• Safety Factor of 2.5
• Uniform Load 960 Lbs. (4.17 kN)
• Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
• Standard finishes: ZN, GRN
• Wt./C 312 Lbs. (141.5 kg)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (In.)</th>
<th>B (In.)</th>
<th>Uniform Load (Lbs.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B409DB-12</td>
<td>12&quot;</td>
<td>8&quot;</td>
<td>800 (3.56)</td>
<td>766 (347.4)</td>
</tr>
<tr>
<td>B409DB-18</td>
<td>18&quot;</td>
<td>8&quot;</td>
<td>800 (3.56)</td>
<td>956 (433.6)</td>
</tr>
</tbody>
</table>

A single channel version and other lengths are available. Contact Eaton B-Line Division engineering for more information.
B810-•
- Specify Width: W = 8, 12, 16
- Standard finishes: ZN, HDG
- 13/16" (20.6mm) x 1" (25.4mm) banding slots for steel band
- Standard finishes: ZN, HDG

B802D-•
- *Specify Width: W = 8, 12, 16
- Standard finishes: ZN, HDG

B852S-••
- *Specify Width: W = 8, 12, 16
- **Specify Depth: D = 6, 8, 10, 12, 16, 18, 24
- 13/16" (20.6mm) x 1" (25.4mm) banding slots for steel band
- Standard finishes: ZN, HDG

Reference page 106 for general fitting and standard finish specifications.
**B811-**
- Specify Width: \( W = 8, 12, 16 \)
- Can be attached directly to B809 & B812
- Standard finishes: ZN, HDG

**B812-**
- Specify Depth: \( D = 6, 8, 12, 16, 18, 24 \)
- \( \frac{3}{16}'' \) (20.6mm) x 1" (25.4mm) banding slots for steel band
- Standard finishes: ZN, HDG

**B809B-**
- Specify Depth: \( D = 6, 8, 10, 12, 16, 18, 24 \)
- \( \frac{11}{16}'' \) (20.6mm) x 1" (25.4mm) banding slots for steel band
- Standard finishes: ZN, HDG

---

<table>
<thead>
<tr>
<th>Part No.</th>
<th>D</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B809B-6</strong></td>
<td>6&quot; (152.4)</td>
<td>12(\frac{1}{8}'') (323.9)</td>
</tr>
<tr>
<td><strong>B809B-8</strong></td>
<td>8&quot; (203.2)</td>
<td>14(\frac{1}{8}'') (374.7)</td>
</tr>
<tr>
<td><strong>B809B-10</strong></td>
<td>10&quot; (254.0)</td>
<td>16(\frac{3}{8}'') (425.5)</td>
</tr>
<tr>
<td><strong>B809B-12</strong></td>
<td>12&quot; (304.8)</td>
<td>18(\frac{1}{8}'') (476.2)</td>
</tr>
<tr>
<td><strong>B809B-16</strong></td>
<td>16&quot; (406.4)</td>
<td>22(\frac{3}{8}'') (577.8)</td>
</tr>
<tr>
<td><strong>B809B-18</strong></td>
<td>18&quot; (457.2)</td>
<td>24(\frac{3}{8}'') (628.6)</td>
</tr>
<tr>
<td><strong>B809B-24</strong></td>
<td>24&quot; (609.6)</td>
<td>27(\frac{3}{8}'') (704.8)</td>
</tr>
</tbody>
</table>

Reference page 106 for general fitting and standard finish specifications.
B214 R&L
Reel Rack Support for 1 1/4” (32) Pipe
• Standard finishes: ZN, GRN
• Wt./C 200 Lbs. (90.7 kg)

B514 R&L
Reel Rack Support for 2” (50) Pipe
• Standard finishes: ZN, GRN
• Wt./C 246 Lbs. (111.6 kg)

B214R
Right Hand

B214L
Left Hand

B514R
Right Hand

B514L
Left Hand

B475
Double Reel Rack Support on Single Channel for 1 1/4” (32) Pipe
• Standard finishes: ZN, GRN
• Wt./C 326 Lbs. (147.9 kg)

B473
Double Reel Rack Support on Single Channel for 2” (50) Pipe
• Standard finishes: ZN, GRN
• Wt./C 351 Lbs. (159.2 kg)

B474
Double Reel Rack Support on Double Channel for 1 1/4” (32) Pipe
• Standard finishes: ZN, GRN
• Wt./C 257 Lbs. (116.6 kg)

B472
Double Reel Rack Support on Double Channel for 2” (50) Pipe
• Standard finishes: ZN, GRN
• Wt./C 299 Lbs. (135.6 kg)

Reference page 106 for general fitting and standard finish specifications.
**B438 Pipe Support Bracket**
- Standard finishes: ZN, GRN
- Material: ASTM A36
- Wt./C 132 Lbs. (59.9 kg)

**B439 Pipe Support Bracket**
- Standard finishes: ZN, GRN
- Wt./C 88 Lbs. (39.9 kg)

**B411 Series Ladder Rungs**
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (In.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B411-12</td>
<td>12</td>
<td>176</td>
</tr>
<tr>
<td>B411-15</td>
<td>15</td>
<td>202</td>
</tr>
<tr>
<td>B411-18</td>
<td>18</td>
<td>234</td>
</tr>
</tbody>
</table>

**B381-B385 Wall Ladder Brackets**
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (In.)</th>
<th>B (In.)</th>
<th>C (In.)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B381</td>
<td>2½</td>
<td>6</td>
<td>7½</td>
<td>110</td>
</tr>
<tr>
<td>B382</td>
<td>4½</td>
<td>8</td>
<td>9½</td>
<td>164</td>
</tr>
<tr>
<td>B383</td>
<td>6½</td>
<td>10</td>
<td>11½</td>
<td>200</td>
</tr>
<tr>
<td>B384</td>
<td>8½</td>
<td>12</td>
<td>13½</td>
<td>253</td>
</tr>
<tr>
<td>B385</td>
<td>10½</td>
<td>14</td>
<td>15½</td>
<td>318</td>
</tr>
</tbody>
</table>

**B587-1/2, 3/4 & 1 Pipe Coupling Fitting**
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Pipe Size (In.)</th>
<th>Wt./C (Lbs.)</th>
<th>Design Load (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B587-1/2</td>
<td>1½</td>
<td>77</td>
<td>1000</td>
</tr>
<tr>
<td>B587-3/4</td>
<td>1¾</td>
<td>84</td>
<td>1400</td>
</tr>
<tr>
<td>B587-1</td>
<td>2½</td>
<td>105</td>
<td>1900</td>
</tr>
</tbody>
</table>

Reference page 106 for general fitting and standard finish specifications.
**B349 Trolley Beam Support**
- Design Load 1200 Lbs. (5.34 kN)
- Safety Factor of 2.5
- Use 3/8" x 3" bolts in side hole to clamp strut together (not included)
- Standard finishes: ZN, GRN
- Wt./C 107 Lbs. (48.5 kg)

**B350 Trolley Beam Joint Support**
- Design Load 1200 Lbs. (5.34 kN)
- Use 3/8" x 3" bolts in side hole to clamp strut together (not included)
- Standard finishes: ZN, GRN
- Wt./C 233 Lbs. (105.7 kg)

**B614 Column Support for B22**
- Quick installation (one bolt to tighten)
- Design Load 800 Lbs. (3.56 kN) Slip with Safety Factor of 3
- Use with B22 and B24 Channel
- Sold in pairs
- Standard finish: ZN
- Wt./C 50 Lbs. (22.6 kg)

**B613 Column Support for B22**
- Design Load 800 Lbs. (3.56 kN) Slip with Safety Factor of 3
- Use with B22 and B24 Channel
- Setscrews to be torqued to 19 ft./Lbs
- Sold in pairs
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)

**B613A Column Support for B52**
- Design Load 800 Lbs. (3.56 kN) Slip with Safety Factor of 3
- Use with B52 and B54 Channel
- Setscrews to be torqued to 19 ft./Lbs
- Sold in pairs
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)

**B614 Column Support for B22**
- Quick installation (one bolt to tighten)
- Design Load 800 Lbs. (3.56 kN) Slip with Safety Factor of 3
- Use with B22 and B24 Channel
- Sold in pairs
- Standard finish: ZN
- Wt./C 50 Lbs. (22.6 kg)

**B613 Column Support for B22**
- Design Load 800 Lbs. (3.56 kN) Slip with Safety Factor of 3
- Use with B22 and B24 Channel
- Setscrews to be torqued to 19 ft./Lbs
- Sold in pairs
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)

**B613A Column Support for B52**
- Design Load 800 Lbs. (3.56 kN) Slip with Safety Factor of 3
- Use with B52 and B54 Channel
- Setscrews to be torqued to 19 ft./Lbs
- Sold in pairs
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)

**B560 45° Stair Support**
- Standard finishes: ZN, GRN
- Wt./C 220 Lbs. (99.8 kg)

**B562 37 1/2° Stair Support**
- Standard finishes: ZN, GRN
- Wt./C 206 Lbs. (93.4 kg)

Reference page 106 for general fitting and standard finish specifications.
B376
Four Bearing Trolley Assembly
- Safety Factor of 2.5
- Stainless steel ball bearings
- Not for continuous cycling applications
- Standard finishes: ZN
- Wt./C 110 Lbs. (49.9 kg)

Design Load

<table>
<thead>
<tr>
<th>Lbs.</th>
<th>kN</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>1.33</td>
<td>@600</td>
</tr>
<tr>
<td>450</td>
<td>2.00</td>
<td>@300</td>
</tr>
<tr>
<td>600</td>
<td>2.67</td>
<td>@100</td>
</tr>
</tbody>
</table>

B377
Two Bearing Trolley Assembly
- Safety Factor of 2.5
- Stainless steel ball bearings
- Not for continuous cycling applications
- Standard finishes: ZN
- Wt./C 48 Lbs. (21.8 kg)

Design Load

<table>
<thead>
<tr>
<th>Lbs.</th>
<th>kN</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>0.67</td>
<td>@600</td>
</tr>
<tr>
<td>225</td>
<td>1.00</td>
<td>@300</td>
</tr>
<tr>
<td>437</td>
<td>1.94</td>
<td>@100</td>
</tr>
</tbody>
</table>

B477
Two Bearing Light Duty Trolley Assembly
- Design Load 50 Lbs. (22 kN)
- Safety Factor of 2.5
- Stainless steel ball bearings
- Not for continuous cycling applications
- Material: 12 Gauge (2.6) ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN
- Wt./C 30 Lbs. (13.6 kg)

B477P
With Plastic Bearings
- Design Load 10 Lbs. (.045 kN)

B478
Four Bearing Light Duty Trolley Assembly
- Design Load 100 Lbs. (.44 kN)
- Safety Factor of 2.5
- Stainless steel ball bearings
- Not for continuous cycling applications
- Material: 12 Gauge (2.6) ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN
- Wt./C 68 Lbs. (30.8 kg)

B478P
With Plastic Bearings
- Design Load 20 Lbs. (.090 kN)

Reference page 106 for general fitting and standard finish specifications.
### B203-B206 & B220-B223
**Channel End Caps Type X**
- Material: ASTM A1011 CS Type B
- Standard finishes: ZN, GRN, HDG, SS4, AL

### B283-B286
**Channel End Caps**
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN, GRN

### B287 & B288
**Channel End Caps**
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN, GRN

### B3322, B3332, B3342, B3352
**Anchor End Caps Type Y**
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN

---

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

#### Part No. | Use With | A In. (mm) | B In. (mm) | Wt./C Lbs. (kg)
---|---|---|---|---
B283 | B52 | 1\(\frac{1}{2}\)" (40.5) | 2\(\frac{1}{2}\)" (63.5) | 6 (2.7)
B284 | B54 | 1\(\frac{1}{2}\)" (40.5) | 2\(\frac{1}{2}\)" (63.5) | 6 (2.7)
B285 | B22 | 1\(\frac{1}{2}\)" (40.5) | 1\(\frac{1}{2}\)" (38.1) | 13 (5.9)
B286 | B24 | 1\(\frac{1}{2}\)" (40.5) | 1\(\frac{1}{2}\)" (38.1) | 14 (6.3)

#### Part No. | Use With | A In. (mm) | Wt./C Lbs. (kg)
---|---|---|---
B227 | B22 | 13 (5.9)
B228 | B24 | 14 (6.3)

#### Part No. | Use With | A In. (mm) | B In. (mm) | Wt./C Lbs. (kg)
---|---|---|---|---
B3322 | B22I | 1.270 (32.2) | 1\(\frac{1}{2}\)" (31.7) | 15 (6.8)
B3332 | B32I | 1.000 (25.4) | 1\(\frac{1}{2}\)" (31.7) | 15 (6.8)
B3342 | B42I | .645 (16.4) | 1\(\frac{1}{4}\)" (31.8) | 15 (6.8)
B3352 | B52I | .460 (11.7) | 1\(\frac{1}{4}\)" (31.8) | 15 (6.8)

---

**Plastic End Cap for B22 & B24**
- Material: Polyvinyl Chloride (PVC/Vinyl)
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous
- Wt./C 3 Lbs. (1.3 kg)
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)

**Plastic End Cap for B22A & B11**
- Material: Polyvinyl Chloride (PVC/Vinyl)
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous
- Wt./C 5 Lbs. (2.2 kg)
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)

**Plastic End Cap for B52 & B54**
- Material: Polyvinyl Chloride (PVC/Vinyl)
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous
- Wt./C 2.5 Lbs. (1.1 kg)
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)

Reference page 106 for general fitting and standard finish specifications.
B823  
Profile End Caps  
- Material: Polyvinyl Chloride (PVC/Vinyl)  
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous  
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)

Approx. \(\frac{3}{8}^\circ\) deep  
(19.0)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Channel Sizes</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B823-22A</td>
<td>B22A, B24A, B26A</td>
<td>6.9</td>
<td>(3.1)</td>
</tr>
<tr>
<td>B823-22</td>
<td>B22, B24, B26</td>
<td>4.1</td>
<td>(1.8)</td>
</tr>
<tr>
<td>B823-42</td>
<td>B42</td>
<td>3.8</td>
<td>(1.7)</td>
</tr>
<tr>
<td>B823-52</td>
<td>B52, B54, B56</td>
<td>3.5</td>
<td>(1.6)</td>
</tr>
</tbody>
</table>

B825  
Plastic End Caps  
- Material: Polyurethane  
- Available in colors: Gray (GRY), Green (GRN)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Channel Sizes</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B825-22</td>
<td>B22 &amp; B24</td>
<td>2.0</td>
<td>(0.9)</td>
</tr>
<tr>
<td>B825-52</td>
<td>B52 &amp; B54</td>
<td>1.0</td>
<td>(0.4)</td>
</tr>
</tbody>
</table>

B408SLBVNS Series  
Stand-Off Brackets  
- Material: \(\frac{1}{4}^\circ\) (6.3)  
- Standard Finishes: HDG, ZN, GRN  
- For pipe or rigid conduit sizes of \(1\frac{1}{2}^\circ\) (40) and 2" (50) use with B501 Series 'U'-Bolts (see page 53)  
- For strut channels \(1\frac{1}{2}^\circ\) (41.3) wide use with B500 Series Square 'U'-Bolts (see page 53)  
- Hardware is not included

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A In. (mm)</th>
<th>Wt./C Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B408SLBVNS</td>
<td>3(\frac{1}{2}) (88.9)</td>
<td>189 (85.7)</td>
<td></td>
</tr>
<tr>
<td>B408SLBVNS1</td>
<td>3 (76.2)</td>
<td>220 (99.8)</td>
<td></td>
</tr>
<tr>
<td>B408SLBVNS2</td>
<td>2 (50.8)</td>
<td>236 (107.0)</td>
<td></td>
</tr>
</tbody>
</table>

Reference page 106 for general fitting and standard finish specifications.