Our beam attachments and pipe supports offered in this section are designed to provide supports without drilling or welding. A complete selection of beam clamps, pipe clamps, rollers, supports and accessories are designed for use with our channels and offer many installation advantages.

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

Pipe clamps, pipe hangers, beam clamps, brackets, and rollers are made from low carbon steel strips, plates or rod unless noted.

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

**Load Data**

The load data published includes a safety factor of 5.0 unless noted (safety factor = ratio of ultimate load to the design load).

**Recommended Torque For Setscrews (unless noted)**

See chart on page 106 for recommended torquing of bolts (not setscrews).

**Metric**

Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.
B351L
Steel C-Clamp with Locknut
• Safety Factor of 5
• Setscrew and locknut included
• When Retaining Strap is required, order B3362, B3363 or B3365 separately
• Standard finishes: ZN, SS4, PLN

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Rod Size</th>
<th>B</th>
<th>C</th>
<th>Design Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B351L-3/8 *</td>
<td>3/8&quot;-16</td>
<td>23/8&quot; (60.3)</td>
<td>23/8&quot; (60.3)</td>
<td>3/4&quot; (19.0)</td>
<td>1 1/8&quot; (34.9)</td>
</tr>
<tr>
<td>B351L-1/2 *</td>
<td>1/2&quot;-13</td>
<td>23/8&quot; (60.3)</td>
<td>23/8&quot; (60.3)</td>
<td>3/4&quot; (19.0)</td>
<td>1 1/3&quot; (34.9)</td>
</tr>
<tr>
<td>B351L-5/8 *</td>
<td>5/8&quot;-11</td>
<td>21/4&quot; (60.3)</td>
<td>2 1/4&quot; (57.1)</td>
<td>3/4&quot; (19.0)</td>
<td>1 3/8&quot; (34.9)</td>
</tr>
<tr>
<td>B351L-3/4 *</td>
<td>3/4&quot;-10</td>
<td>31/4&quot; (82.5)</td>
<td>3 1/4&quot; (82.5)</td>
<td>3/4&quot; (19.0)</td>
<td>1 3/8&quot; (34.9)</td>
</tr>
<tr>
<td>B351L-7/8</td>
<td>7/8&quot;-9</td>
<td>3&quot; (76.2)</td>
<td>3 1/4&quot; (82.5)</td>
<td>1&quot; (25.4)</td>
<td>1 7/8&quot; (47.6)</td>
</tr>
</tbody>
</table>

B3036L
C-Clamp with Locknut
• Safety Factor of 5
• When Retaining Strap is required, order B3363 or B3364 separately
• Material: Malleable iron
• Standard finishes: ZN, PLN

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Rod Size</th>
<th>B</th>
<th>C</th>
<th>Design Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3036L-3/8</td>
<td>3/8&quot;-16</td>
<td>13/4&quot; (44.4)</td>
<td>13/4&quot; (44.4)</td>
<td>300 (0.89)</td>
<td>29 (13.1)</td>
</tr>
<tr>
<td>B3036L-1/2</td>
<td>1/2&quot;-13</td>
<td>13/4&quot; (44.4)</td>
<td>13/4&quot; (44.4)</td>
<td>380 (1.69)</td>
<td>28 (12.7)</td>
</tr>
<tr>
<td>B3036L-5/8</td>
<td>5/8&quot;-11</td>
<td>2&quot; (50.8)</td>
<td>1 7/8&quot; (47.6)</td>
<td>530 (2.36)</td>
<td>55 (24.9)</td>
</tr>
<tr>
<td>B3036L-3/4</td>
<td>3/4&quot;-10</td>
<td>2&quot; (50.8)</td>
<td>2&quot; (50.8)</td>
<td>530 (2.36)</td>
<td>72 (32.6)</td>
</tr>
</tbody>
</table>

B3362 thru B3365
Retaining Strap
• † When ordering specify L (Length) as a suffix to the part number
• Material: 14 gauge (1.9)
• Standard finishes: GALV, SS4

<table>
<thead>
<tr>
<th>Part No.</th>
<th>6&quot; (152.4) Lbs.</th>
<th>Wt./C for Length L of 8&quot; (203.2) Lbs.</th>
<th>10&quot; (254.0) Lbs.</th>
<th>12&quot; (304.8) Lbs.</th>
<th>A</th>
<th>B</th>
<th>For Use With</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3362†</td>
<td>17 (7.7)</td>
<td>24 (10.9)</td>
<td>31 (14.0)</td>
<td>38 (17.2)</td>
<td>1 1/4&quot; (31.7)</td>
<td>7/16&quot; (11.1)</td>
<td>B351L-3/8 &amp; 1/2</td>
</tr>
<tr>
<td>B3363†</td>
<td>16 (7.2)</td>
<td>23 (10.4)</td>
<td>30 (13.6)</td>
<td>37 (16.8)</td>
<td>1 1/4&quot; (31.7)</td>
<td>5/8&quot; (15.9)</td>
<td>B351L-3/8 &amp; 3/4</td>
</tr>
<tr>
<td>B3364†</td>
<td>16 (7.2)</td>
<td>23 (10.4)</td>
<td>30 (13.6)</td>
<td>37 (16.8)</td>
<td>1 1/4&quot; (31.7)</td>
<td>1 1/16&quot; (17.4)</td>
<td>B3036L-5/8 &amp; 3/4</td>
</tr>
<tr>
<td>B3365†</td>
<td>21 (9.5)</td>
<td>29 (13.1)</td>
<td>37 (16.8)</td>
<td>46 (20.8)</td>
<td>1 1/2&quot; (38.1)</td>
<td>3/4&quot; (19.0)</td>
<td>B351L-7/8</td>
</tr>
</tbody>
</table>

† See note above.
**Beam Clamps**

**B3033**
Reversible Wide Jaw Wedge C-Clamp (Malleable Iron)

- Safety Factor of 5
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: HDG with ZN hardware, PLN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rod Size A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Design Load</th>
<th>Wt./C</th>
<th>UL Max. Pipe Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3033-3/8</td>
<td>3/8&quot;-16</td>
<td>21/4&quot; (67.1)</td>
<td>2&quot; (50.8)</td>
<td>11/8&quot; (28.6)</td>
<td>500 (2.22)</td>
<td>46 (20.8)</td>
<td>4&quot; (100)</td>
</tr>
<tr>
<td>B3033-1/2</td>
<td>1/2&quot;-13</td>
<td>25/16&quot; (66.7)</td>
<td>21/2&quot; (63.5)</td>
<td>13/8&quot; (34.9)</td>
<td>1000 (4.48)</td>
<td>116 (52.6)</td>
<td>8&quot; (200)</td>
</tr>
<tr>
<td>B3033-5/8</td>
<td>5/8&quot;-11</td>
<td>21/8&quot; (63.5)</td>
<td>21/2&quot; (63.5)</td>
<td>17/16&quot; (68.3)</td>
<td>1400 (6.22)</td>
<td>140 (63.5)</td>
<td>10&quot; (250)</td>
</tr>
</tbody>
</table>

**B3034**
Wedge C-Clamp

- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: HDG with ZN hardware, PLN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rod Size A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Design Load</th>
<th>Wt./C</th>
<th>UL Max. Pipe Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3034-3/8*</td>
<td>3/8&quot;-16</td>
<td>11/2&quot; (41.3)</td>
<td>2&quot; (50.8)</td>
<td>7/8&quot; (22.2)</td>
<td>560 (2.49)</td>
<td>54 (24.5)</td>
<td>4&quot; (100)</td>
</tr>
<tr>
<td>B3034-1/2*</td>
<td>1/2&quot;-13</td>
<td>113/16&quot; (46.0)</td>
<td>23/16&quot; (55.5)</td>
<td>13/16&quot; (30.2)</td>
<td>810 (3.60)</td>
<td>64 (29.0)</td>
<td>8&quot; (200)</td>
</tr>
<tr>
<td>B3034-5/8</td>
<td>5/8&quot;-11</td>
<td>13/4&quot; (44.5)</td>
<td>21/2&quot; (63.5)</td>
<td>11/8&quot; (28.6)</td>
<td>1000 (4.48)</td>
<td>116 (52.6)</td>
<td>8&quot; (200)</td>
</tr>
<tr>
<td>B3034-3/4</td>
<td>3/4&quot;-10</td>
<td>21/16&quot; (68.3)</td>
<td>21/2&quot; (63.5)</td>
<td>17/16&quot; (36.5)</td>
<td>1400 (6.22)</td>
<td>140 (63.5)</td>
<td>10&quot; (250)</td>
</tr>
</tbody>
</table>

**Retaining Strap**

- Specify ‘L’ lengths required
- Minimum recommended return on strap is 1" (25.4)
- Material: Pre-Galvanized Steel
- Standard finishes: GALV

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Hole Dia. D</th>
<th>For Use</th>
<th>Wt./C**</th>
</tr>
</thead>
<tbody>
<tr>
<td>69-3/8-L</td>
<td>7/16&quot; (30.1)</td>
<td>B3033-3/8, B3034-3/8 &amp; 65XT-3/8</td>
<td>23.9 (10.8)</td>
</tr>
<tr>
<td>69-1/2-L</td>
<td>9/16&quot; (30.1)</td>
<td>B3033-1/2 &amp; B3034-1/2</td>
<td>23.6 (10.7)</td>
</tr>
<tr>
<td>69-5/8-L</td>
<td>11/16&quot; (30.1)</td>
<td>B3033-5/8</td>
<td>23.2 (10.5)</td>
</tr>
<tr>
<td>69-3/4-L</td>
<td>13/16&quot; (30.1)</td>
<td>B3033-3/4</td>
<td>22.7 (10.3)</td>
</tr>
</tbody>
</table>

**Wt./C based on 6" (152.4) length. For each additional inch in strap length add 4.2 Lbs (1.9 kg) to Wt./C.**
**Fig. 65XT**
Reversible C-Type Beam Clamp
- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- Setscrew and locknut included
- Maximum pipe size 4” (100)
- Design Load 610 Lbs. (2.71kN)
- Material: Steel
- Standard finishes: ZN, PLN

**Fig. 65**
Reversible Steel C-Type Beam Clamp - 3/4" (19.0mm) Throat Opening
- Safety Factor of 5
- Maximum pipe size 4” (100) for 3/8”-16 rods
- Maximum pipe size 8” (100) for 1/2”-13 rods
- Material: Steel
- Standard finishes: ZN, PLN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rod Size</th>
<th>Set Screw</th>
<th>TD (mm)</th>
<th>BD (mm)</th>
<th>H (mm)</th>
<th>W (mm)</th>
<th>Mac. Rec Load* Lbs.</th>
<th>Approx. Wt./100 Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>65-1/2</td>
<td>1/2”-13</td>
<td>1/2”-13 x 1 3/4”</td>
<td>1 15/16” (49.2)</td>
<td>1 5/8” (41.3)</td>
<td>1 7/8” (47.6)</td>
<td>1 1/4” (31.7)</td>
<td>1130 (31.7)</td>
<td>55 (24.9)</td>
</tr>
<tr>
<td>65-5/8</td>
<td>5/8”-11</td>
<td>1/2”-13 x 1 3/4”</td>
<td>1 15/16” (49.2)</td>
<td>1 5/8” (41.3)</td>
<td>1 7/8” (47.6)</td>
<td>1 1/4” (31.7)</td>
<td>1130 (31.7)</td>
<td>55 (24.9)</td>
</tr>
<tr>
<td>66-3/8</td>
<td>3/8”-16</td>
<td>3/8”-16 x 2”</td>
<td>1 1/2” (38.1)</td>
<td>1 1/2” (38.1)</td>
<td>2 3/16” (65.6)</td>
<td>1” (25.4)</td>
<td>610 (2.71)</td>
<td>28 (12.7)</td>
</tr>
<tr>
<td>66-1/2</td>
<td>1/2”-13</td>
<td>1/2”-13 x 2”</td>
<td>2” (50.8)</td>
<td>2” (50.8)</td>
<td>2 3/16” (65.6)</td>
<td>1” (25.4)</td>
<td>1130 (31.7)</td>
<td>55 (24.9)</td>
</tr>
<tr>
<td>66-5/8</td>
<td>5/8”-11</td>
<td>1/2”-13 x 1 3/4”</td>
<td>2” (50.8)</td>
<td>2” (50.8)</td>
<td>2 3/16” (65.6)</td>
<td>1” (25.4)</td>
<td>1130 (31.7)</td>
<td>55 (24.9)</td>
</tr>
</tbody>
</table>

* Maximum loads for clamp with set screw in up or down position.

**Fig. 66**
Reversible Steel C-Type Beam Clamp - 1 1/4” (31.7mm) Throat Opening
- Safety Factor of 5
- Maximum pipe size 4” (100) for 3/8”-16 rods
- Maximum pipe size 8” (100) for 1/2”-13 rods
- Material: Steel
- Standard finishes: ZN, PLN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rod Size</th>
<th>Set Screw</th>
<th>T (mm)</th>
<th>W (mm)</th>
<th>TO (mm)</th>
<th>Mac. Rec Load* Lbs.</th>
<th>Approx. Wt./100 Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>67SS-3/8</td>
<td>3/8”-16</td>
<td>3/8”-16 x 1 1/2”</td>
<td>3/8” (9.6)</td>
<td>1” (25.4)</td>
<td>7/8” (22.2)</td>
<td>1500 (6.67)</td>
<td>68 (30.8)</td>
</tr>
<tr>
<td>67SS-1/2</td>
<td>1/2”-13</td>
<td>1/2”-13 x 2”</td>
<td>3/8” (9.6)</td>
<td>1 1/2” (38.1)</td>
<td>7/8” (22.2)</td>
<td>4050 (18.0)</td>
<td>107 (48.5)</td>
</tr>
<tr>
<td>68SS-3/8</td>
<td>3/8”-16</td>
<td>3/8”-16 x 1 1/2”</td>
<td>3/8” (9.6)</td>
<td>1 1/2” (38.1)</td>
<td>1 1/4” (31.7)</td>
<td>1500 (6.67)</td>
<td>84 (38.1)</td>
</tr>
<tr>
<td>68SS-1/2</td>
<td>1/2”-13</td>
<td>1/2”-13 x 2”</td>
<td>1/2” (12.7)</td>
<td>2” (50.8)</td>
<td>1” (25.4)</td>
<td>4050 (18.0)</td>
<td>170 (77.1)</td>
</tr>
</tbody>
</table>

**Fig. 67SS & Fig. 68SS**
Reversible Stainless Steel C-Type Beam Clamp
- Safety Factor of 5
- Maximum pipe size 4” (100) for 3/8”-16 rods
- Maximum pipe size 8” (100) for 1/2”-13 rods
- Material: Stainless Steel
- Standard finishes: ZN, PLN

**Fig. 67SS**
Setscrews and locknuts included

**Fig. 68SS**
Setscrews and locknuts included

Reference page 154 for general fitting and standard finish specifications.
Beam Clamps

B3037Z
Z-Purlin C-Clamp
- Design Load 500 Lbs. (2.22 kN)
- Safety Factor of 5
- Designed for attaching a 3/8"-16 hanger rod to the bottom flange of a Z-purlin
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: ZN, PLN

B444
Series Rod Support
- Safety Factor of 5
- Max. flange thickness
  - 3/4" (19.0) for 1/4 & 5/16 sizes
  - 1" (25.4) for 3/8 & 1/2 sizes
- Setscrew included
- Material: Malleable iron
- Standard finish: ZN, available in HDG with CZ Hardware

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thread Size</th>
<th>Set Screw</th>
<th>C In. mm</th>
<th>D In. mm</th>
<th>Design Load Lbs.</th>
<th>Wt./C Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B444-1/4</td>
<td>1/4&quot;-20</td>
<td>1/4&quot;-20</td>
<td>13/8&quot; (34.9)</td>
<td>1 7/8&quot; (47.6)</td>
<td>1000 (4.45)</td>
<td>132 (59.9)</td>
</tr>
<tr>
<td>B444-5/16</td>
<td>5/16&quot;-18</td>
<td>1/4&quot;-20</td>
<td>13/8&quot; (34.9)</td>
<td>1 7/8&quot; (47.6)</td>
<td>150 (.66)</td>
<td>28 (12.7)</td>
</tr>
<tr>
<td>B444-3/8</td>
<td>3/8&quot;-16</td>
<td>1/2&quot;-13</td>
<td>17/8&quot; (47.6)</td>
<td>2&quot; (50.8)</td>
<td>350 (1.56)</td>
<td>65 (29.5)</td>
</tr>
<tr>
<td>B444-1/2</td>
<td>1/2&quot;-13</td>
<td>5/8&quot;-11</td>
<td>23/8&quot; (60.3)</td>
<td>2 1/2&quot; (63.5)</td>
<td>1000 (4.45)</td>
<td>132 (59.9)</td>
</tr>
</tbody>
</table>

BC442
Light Duty Beam Clamp
- Design Load 75 Lbs. (.33 kN)
- Safety Factor of 5
- 11/16" (17.5) Max. flange thickness
- Setscrew included
- Holes tapped 1/4"-20 (bottom & back)
- Material: 13 gauge (2.3)
- Standard finish: ZN
- Wt./C 13 Lbs. (3.9 kg)

B210
Beam Clamp
- Design Load 300 Lbs. (1.33 kN)
- Safety Factor of 5
- 5/8" (15.9) Max. flange thickness
- 1/2"-13 Setscrew included
- Standard finish: ZN
- Wt./C 100 Lbs. (45.3 kg)

B210A
Beam Clamp
- Design Load 300 Lbs. (1.33 kN)
- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- Setscrew included
- Standard finish: ZN
- Wt./C 60 Lbs. (27.2 kg)

Reference page 154 for general fitting and standard finish specifications.
B303 thru B309  Beam Clamps

- Safety Factor of 5
- Max. flange thickness 1/16” (1.6) thru 7/8” (22.2)
- Setscrew included
- When retaining strap is required, order B312 separately
- Recommended setscrew torque: 3/8”-16  150 in-lbs. (16.9 N•m)
  1/2”-13  350 in-lbs. (39.5 N•m)
- Standard finishes: ZN, HDG

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thread Size A</th>
<th>Set Screw Size</th>
<th>C In. mm</th>
<th>D In. mm</th>
<th>Design Load Lbs. kN</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B303</td>
<td>1/4”-20</td>
<td>3/8”-16</td>
<td>2 5/16” (58.7)</td>
<td>11 Ga. (3.0)</td>
<td>400 (1.78)</td>
<td>72 (32.6)</td>
</tr>
<tr>
<td>B304</td>
<td>5/16”-18</td>
<td>3/8”-16</td>
<td>2 5/16” (58.7)</td>
<td>11 Ga. (3.0)</td>
<td>600 (2.67)</td>
<td>72 (32.6)</td>
</tr>
<tr>
<td>B305</td>
<td>3/8”-16</td>
<td>1/2”-13</td>
<td>2 7/16” (61.9)</td>
<td>7 Ga. (4.5)</td>
<td>1100 (4.89)</td>
<td>97 (44.0)</td>
</tr>
<tr>
<td>B306</td>
<td>1/2”-13</td>
<td>1/2”-13</td>
<td>2 9/16” (65.1)</td>
<td>1/4” (6.3)</td>
<td>1500 (6.67)</td>
<td>133 (60.3)</td>
</tr>
<tr>
<td>B307</td>
<td>1/2”-13</td>
<td>1/2”-13</td>
<td>2 9/16” (65.1)</td>
<td>3/8” (9.5)</td>
<td>2000 (8.89)</td>
<td>238 (107.9)</td>
</tr>
<tr>
<td>B308</td>
<td>1/2”-13</td>
<td>1/2”-13</td>
<td>2 9/16” (65.1)</td>
<td>1/4” (6.3)</td>
<td>1500 (6.67)</td>
<td>133 (60.3)</td>
</tr>
<tr>
<td>B309</td>
<td>5/8”-11</td>
<td>1/2”-13</td>
<td>2 9/16” (65.1)</td>
<td>1/4” (6.3)</td>
<td>1500 (6.67)</td>
<td>133 (60.3)</td>
</tr>
</tbody>
</table>

B321 Series Beam Clamps

- Safety Factor of 5
- 1 11/16” (42.8) Max. Flange Thickness
- Setscrew included
- When retaining strap is required, order B312 separately
- Recommended setscrew torque: 1/2”-13  350 in-lbs. (39.5 N•m)
  5/8”-11  700 in-lbs. (79.0 N•m)
- Minimum flange thickness: B321-1 thru B321-3 1/4” (6.3)
  B321-4 and B321-5  3/8” (9.5)
- Standard finishes: ZN, HDG

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thread Size A</th>
<th>Set Screw Size</th>
<th>C In. mm</th>
<th>D In. mm</th>
<th>Design Load Lbs. kN</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B321-1</td>
<td>3/8”-16</td>
<td>1/2”-13</td>
<td>3 9/16” (92.1)</td>
<td>1/4” (6.3)</td>
<td>1300 (5.78)</td>
<td>187 (84.8)</td>
</tr>
<tr>
<td>B321-2</td>
<td>1/2”-13</td>
<td>1/2”-13</td>
<td>3 9/16” (92.1)</td>
<td>1/4” (6.3)</td>
<td>1400 (6.23)</td>
<td>186 (84.3)</td>
</tr>
<tr>
<td>B321-3</td>
<td>5/8”-11</td>
<td>1/2”-13</td>
<td>3 9/16” (92.1)</td>
<td>1/4” (6.3)</td>
<td>1600 (7.12)</td>
<td>185 (83.9)</td>
</tr>
<tr>
<td>B321-4</td>
<td>5/8”-11</td>
<td>3/4”-11</td>
<td>3 23/32” (94.4)</td>
<td>5/16” (7.9)</td>
<td>1800 (8.00)</td>
<td>239 (108.4)</td>
</tr>
<tr>
<td>B321-5</td>
<td>3/4”-10</td>
<td>5/8”-11</td>
<td>3 23/32” (94.4)</td>
<td>5/16” (7.9)</td>
<td>2000 (8.89)</td>
<td>238 (107.9)</td>
</tr>
</tbody>
</table>

B312 Series
Retaining Strap for use with B303 thru B309 and B321 Series

- 3/4” (19.0) Max. flange thickness
- For thicker beams, step up one flange width size
- Material: 14 gauge (1.9)
- Standard finishes: GALV, HDG

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Flange Width</th>
<th>A In. mm</th>
<th>Wt./C Lbs. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B312-6</td>
<td>6” (152.4)</td>
<td>9” (228.6)</td>
<td>22 (10.0)</td>
</tr>
<tr>
<td>B312-9</td>
<td>9” (228.6)</td>
<td>12” (304.8)</td>
<td>30 (13.6)</td>
</tr>
<tr>
<td>B312-12</td>
<td>12” (304.8)</td>
<td>15” (381.0)</td>
<td>40 (18.1)</td>
</tr>
<tr>
<td>B312-15</td>
<td>15” (381.0)</td>
<td>18” (457.2)</td>
<td>49 (22.2)</td>
</tr>
</tbody>
</table>

Reference page 154 for general fitting and standard finish specifications.
**B751 Beam Clamp**

- Safety Factor of 5
- 3/4” (19.0) Max. flange thickness
- Setscrew and locknut included
- Maximum ATR size 1/2”
- Use B753 Swivel nut (not included)
- Material: 12 gauge (2.6)
- Standard finish: ZN, HDG
- Wt./C 42 Lbs. (19.0 kg)

**B752 Beam Clamp Swivel**

- Design Load 500 Lbs. (2.22 kN)
- Safety Factor of 5
- Material: 12 gauge (2.6)
- Use B753 Swivel nut (not included)
- Includes:
  1 pc. B752 Swivel body
  1 pc. 5/16"-18 x 1 3/4" HHCS
  1 pc. 5/16"-18 Hex nut
- Standard finish: ZN
- Wt./C 30 Lbs. (13.6 kg)

**B751-J_-3/8 Beam Clamp Assembly**

- Includes:
  1 pc. B751 Beam clamp
  1 pc. B701 Type J-Hook only
  1 pc. SA203-158 Clip
  1 pc. 3/8"-16 Hex Nut
- 1/4” (6.3) Diameter J-Hook available upon request
- Part Number changes to B751-J_-1/4 and a 1/4-20 machine square nut (MSQN) is used
- Use B753 Swivel Nut (not included)
- Standard finishes: ZN

**B753 Swivel Nut**

- Provides a full swivel of 15° in any direction
- Specify rod size
- Standard finish: ZN

**B701 Series J-Hook**

- 1/4” (6.3) Diameter J-Hook available upon request
- Part Number changes to B751-J_-1/4 and a 1/4-20 machine square nut (MSQN) is used
- Standard finish: ZN

---

**For Flange Width**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Flange Width</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B751-J4-3/8</td>
<td>3”-6” (76.2-152.4)</td>
<td>70 (31.7)</td>
</tr>
<tr>
<td>B751-J6-3/8</td>
<td>5”-9” (127.0-228.6)</td>
<td>78 (35.4)</td>
</tr>
<tr>
<td>B751-J9-3/8</td>
<td>8”-12” (203.2-304.8)</td>
<td>83 (37.6)</td>
</tr>
<tr>
<td>B751-J12-3/8</td>
<td>11”-15” (279.4-381.0)</td>
<td>88 (39.9)</td>
</tr>
</tbody>
</table>

**For Rod Size**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Thread Length TL</th>
</tr>
</thead>
<tbody>
<tr>
<td>B701-J4-3/8</td>
<td>8 3/4” (222.2)</td>
<td>5 1/2” (139.7)</td>
</tr>
<tr>
<td>B701-J6-3/8</td>
<td>11 3/4” (298.4)</td>
<td>6 1/2” (165.1)</td>
</tr>
<tr>
<td>B701-J9-3/8</td>
<td>14 3/4” (374.6)</td>
<td>6 1/2” (165.1)</td>
</tr>
<tr>
<td>B701-J12-3/8</td>
<td>17 3/4” (450.8)</td>
<td>6 1/2” (165.1)</td>
</tr>
</tbody>
</table>

Reference page 154 for general fitting and standard finish specifications.
B755 3/8 Beam Clamp
- Safety Factor of 5
- 5/8" (15.9) Max. flange thickness
- For 3/8"-16 Hanger rod only
- Material: 12 gauge (2.6)
- Includes:
  1 pc. B755 Beam clamp
  1 pc. 3/8" x 2" Square head screws
  2 pcs. 3/8" Square nut
- Standard finish: ZN
- Wt./C 30 Lbs. (13.6 kg)

B756-3/8 Swing Connector
- Design Load 150 Lbs. (0.66 kN)
- Safety Factor of 5
- Material: 12 gauge (2.6)
- Includes:
  1 pc. B756-3/8 Swing connector body
  1 pc. 9/16"-18 x 1 1/4" SHHMS
  1 pc. 5/16"-18 Square nut
- Use B753 Swivel nut (not included)
- Standard finish: ZN
- Wt./C 15 Lbs. (6.8 kg)

B755-3/8 -J Beam Clamp Assembly
- Includes:
  1 pc. B755-3/8 Beam clamp
  1 pc. B705 Type J-Hook only
  1 pc. B705 Clip
  1 pc. 1/4"-20 Square nut
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Flange Width</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>mm</td>
</tr>
<tr>
<td>B755-3/8-J4</td>
<td>4&quot;-6&quot;</td>
<td>101.6-152.4</td>
</tr>
<tr>
<td>B755-3/8-J6</td>
<td>6&quot;-10&quot;</td>
<td>152.4-254.0</td>
</tr>
<tr>
<td>B755-3/8-J10</td>
<td>10&quot;-12&quot;</td>
<td>254.0-304.8</td>
</tr>
<tr>
<td>B755-3/8-J12</td>
<td>12&quot;-14&quot;</td>
<td>304.8-355.6</td>
</tr>
</tbody>
</table>

B705 Series J-Hook
- Use with B755-3/8
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A In.</th>
<th>Thread Length TL In.</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>mm</td>
<td>Lbs.</td>
</tr>
<tr>
<td>B705-J4</td>
<td>7/8&quot;</td>
<td>3&quot;</td>
<td>17</td>
</tr>
<tr>
<td>B705-J6</td>
<td>11/8&quot;</td>
<td>4 1/2&quot;</td>
<td>21</td>
</tr>
<tr>
<td>B705-J10</td>
<td>13/8&quot;</td>
<td>4 1/2&quot;</td>
<td>23</td>
</tr>
<tr>
<td>B705-J12</td>
<td>15/8&quot;</td>
<td>4 1/2&quot;</td>
<td>25</td>
</tr>
</tbody>
</table>

Reference page 154 for general fitting and standard finish specifications.
### B750 Series

**Beam Clamp**
- Safety Factor of 5
- Design Load 500 Lbs. (2.22 kN)
- Recommended Torque: J-Hook nut 125 in-lbs. (14.1 N•m)
- Maximum flange thickness 5/8” (15.9)
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Flange Width</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>mm</td>
</tr>
<tr>
<td>B750-J4</td>
<td>3&quot;-6&quot;</td>
<td>(76.2-152.4)</td>
</tr>
<tr>
<td>B750-J6</td>
<td>5&quot;-9&quot;</td>
<td>(127.0-228.6)</td>
</tr>
<tr>
<td>B750-J9</td>
<td>8&quot;-12&quot;</td>
<td>(203.2-304.8)</td>
</tr>
<tr>
<td>B750-J12</td>
<td>11&quot;-15&quot;</td>
<td>(279.4-381.0)</td>
</tr>
</tbody>
</table>

### B700 Series

**J-Hook**
- Includes:
  1 pc. J-Bolt
  1 pc. Hex Nut
- Maximum flange thickness 5/8” (15.9)
- Standard finish: ZN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Thread Length TL</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>In.</td>
<td>mm</td>
</tr>
<tr>
<td>B700-J4</td>
<td>81/2&quot;</td>
<td>(215.9)</td>
<td>63/4&quot;</td>
</tr>
<tr>
<td>B700-J6</td>
<td>111/2&quot;</td>
<td>(292.1)</td>
<td>93/4&quot;</td>
</tr>
<tr>
<td>B700-J9</td>
<td>141/2&quot;</td>
<td>(368.3)</td>
<td>123/4&quot;</td>
</tr>
<tr>
<td>B700-J12</td>
<td>171/2&quot;</td>
<td>(444.5)</td>
<td>153/4&quot;</td>
</tr>
</tbody>
</table>

### B500 Series

**Square U-Bolt**
- Includes:
  1 pc. U-Bolt only
  2 pcs. 3/8”-16 Hex nuts
- Additional sizes available
- Standard finish: ZN, SS4

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Channel Size</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>mm</td>
</tr>
<tr>
<td>B500-3-3/8</td>
<td>33/8&quot;</td>
<td>(85.7)</td>
</tr>
<tr>
<td>B500-5</td>
<td>5&quot;</td>
<td>(127.0)</td>
</tr>
</tbody>
</table>

Reference page 154 for general fitting and standard finish specifications.
### B441-22 Beam Clamp
- Design Load 1850 Lbs. (8.23 kN) when used in pairs
- Safety Factor of 5
- 3/4” (19.0) Max. flange thickness
- For use with 13/16” (20.6) to 15/8” (41.3) high channel
- Recommended Torque: 150 in-lbs. (16.9 N•m)
- Sold in pieces
- Other flange thickness variations are available, contact us for sizes
- Standard finishes: ZN, HDG, SS4
- Wt./C 87 Lbs. (39.4 kg)

### B441-22A Beam Clamp
- Design Load 1850 Lbs. (8.23 kN) when used in pairs
- Safety Factor of 5
- 3/4” (19.0) Max. flange thickness
- For use with 15/8” (41.3) to 31/4” (82.5) high channel
- Recommended Torque: 150 in-lbs. (16.9 N•m)
- Sold in pieces
- Other flange thickness variations are available, contact us for sizes
- Standard finishes: ZN, HDG, SS4
- Wt./C 93 Lbs. (42.2 kg)

### B441Z-22 Beam Clamp
- Design Load 1200 Lbs. (5.34 kN) when used in series
- Safety Factor of 5
- Sold in pieces
- For use with 13/16” (20.6) to 15/8” (41.3) high channel
- Recommended Torque: 150 in-lbs. (16.9 N•m)
- Standard finishes: ZN
- Wt./C 95 Lbs. (43.1 kg)

### B441Z-22A Beam Clamp
- Design Load 1200 Lbs. (5.34 kN) when used in series
- Safety Factor of 5
- Sold in pieces
- For use with 15/8” (41.3) to 31/4” (82.5) high channel
- Recommended Torque: 150 in-lbs. (16.9 N•m)
- Standard finishes: ZN
- Wt./C 101 Lbs. (45.8 kg)

Reference page 154 for general fitting and standard finish specifications.

B-Line series strut systems

Eaton
Beam Clamps

B211 Zee Beam Clamp
- Design Load 600 Lbs. (2.67 kN) when used in pairs
- Safety Factor of 5
- 1” (25.4) Max. flange thickness
- 1/2”-13 Setscrew included
- Sold in pieces
- Order 1/2”-13 HHCS and channel nut separately
- Standard finishes: ZN, HDG
- Wt./C 66 Lbs. (29.9 kg)

B212-3/8 I-Beam Clamp
- Design Load 1000 Lbs. (4.45 kN) when used in pairs
- Safety Factor of 5
- 11/8” (28.6) Max. flange thickness
- 1/2”-13 Setscrew included
- Sold in pieces
- Order 1/2”-13 x 21/4” HHCS and channel nut separately
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 62 Lbs. (28.1 kg)

B213 I-Beam Clamp
- Design Load 900 Lbs. (4.00 kN) when used in pairs
- Safety Factor of 5
- 7/8” (22.2) Max. flange thickness
- 1/2”-13 Setscrew included
- Sold in pieces
- Order 1/2”-13 x 21/4” HHCS and channel nut separately
- Material: Malleable iron
- Standard finishes: ZN, GRN
- Wt./C 95 Lbs. (43.1 kg)

B212-1/4 I-Beam Clamp
- Design Load 600 Lbs. (2.67 kN) when used in pairs
- Safety Factor of 5
- 7/8” (22.2) Max. flange thickness
- 1/2”-13 HHCS and channel nut separately
- Standard finishes: ZN, HDG
- Wt./C 66 Lbs. (29.9 kg)

B435 Beam Clamp
- Design Load 900 Lbs. (4.00 kN) when used in pairs
- Safety Factor of 5
- 21/8” (54.0) Max. flange thickness
- 1/2”-13 x 2” Setscrew included
- Sold in pieces
- Standard finish: ZN
- Wt./C 82 Lbs. (37.2 kg)

Beam Clamps
Reference page 154 for general fitting and standard finish specifications.
B427
Beam Clamp
- Design Load 1100 Lbs. (4.89 kN) when used in pairs
- Safety Factor of 5
- 2 1/2” (63.5) Max. flange thickness without channel
- 1/2”-13 x 2 1/2” Setscrew included
- Sold in pieces
- Standard finish: ZN
- Wt./C 92 Lbs. (41.7 kg)

B602A THRU B602C
Beam Clamp with Gusset Assembly
- Safety Factor of 5
- 7/8” (22.2) Max. flange thickness without channel
- 1/2”-13 x 1 1/2” Setscrew included
- Sold in pieces
- Standard finish: ZN
- Wt./C 92 Lbs. (41.7 kg)

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

B405A Suspension Member with Beam Clamp
- 7/8” (22.2) Max. flange thickness
- Includes:
  1 pc. B405 Suspension member
  1 pc. B213 I-Beam clamp
  2 pcs. 1/2”-13 x 2 1/2” HHCS
  2 pcs. 1/2”-13 Hex Nut
- Material: Malleable iron
- Standard finishes: ZN, GRN
- Wt./C 183 Lbs. (83.0 kg)

B602A THRU B602C
Beam Clamp with Gusset Assembly
- Safety Factor of 5
- 7/8” (22.2) Max. flange thickness
- Includes:
  1 pc. B451 Slotted three hole ‘U’ support with gusset
  2 pcs. B213 I-Beam clamp
  2 pcs. 1/2”-13 x 2 1/2” HHCS
  2 pcs. 1/2”-13 Hex nuts
- Material: Malleable iron
- Standard finishes: ZN, GRN

### Table

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>For Flange Width B</th>
<th>Design Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>In.</td>
<td>Lbs.</td>
<td>Lbs.</td>
</tr>
<tr>
<td>B602A</td>
<td>7 1/4”</td>
<td>2 3/8”-4 1/2”</td>
<td>1200</td>
<td>365</td>
</tr>
<tr>
<td>B602B</td>
<td>8 1/2”</td>
<td>3 3/4”-5 3/4”</td>
<td>1200</td>
<td>408</td>
</tr>
<tr>
<td>B602C</td>
<td>10 3/8”</td>
<td>5 5/8”-7 5/8”</td>
<td>1200</td>
<td></td>
</tr>
</tbody>
</table>

Reference page 154 for general fitting and standard finish specifications.
### B760-22 Series Beam Clamp

- 1" (25.4) Max. flange thickness
- For use with $\frac{13}{16}$" (20.6) to $\frac{3}{4}$" (41.3) high channel
- Recommended Torques:
  - U-Bolt nuts 150 in-lbs. (16.9 N•m)
  - J-Hook nut 60 in-lbs. (6.8 N•m)
- Includes:
  - 1 pc. B760 Plate
  - 1 pc. B701 Type J-Hook only
  - 1 pc. B500-$\frac{3}{8}$" U-Bolt only
  - 3 pcs. $\frac{3}{8}$"-16 Hex nuts
- Standard finish: ZN

### B761-22 Series Beam Clamp

- 1" (25.4) Max. flange thickness
- For use with $\frac{13}{16}$" (20.6) to $\frac{3}{4}$" (41.3) high channel
- Recommended Torques:
  - U-Bolt nuts 150 in-lbs. (16.9 N•m)
  - J-Hook nut 60 in-lbs. (6.8 N•m)
- Includes:
  - 2 pcs. B700 Plates
  - 2 pcs. B500-$\frac{3}{8}$" U-Bolts only
  - 1 pc. $\frac{3}{8}$"-16 ATR (Length)
  - 6 pcs. $\frac{3}{8}$"-16 Hex nuts
- Standard finish: ZN

### For Flange Width

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Flange Width</th>
<th>Wt./C</th>
<th>In.</th>
<th>mm</th>
<th>Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B760-22-J4</td>
<td>4&quot;-57/8&quot;</td>
<td>122</td>
<td>(101.6-149.2)</td>
<td>55.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B760-22-J6</td>
<td>6&quot;-87/8&quot;</td>
<td>129</td>
<td>(152.4-225.4)</td>
<td>58.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B760-22-J9</td>
<td>9&quot;-117/8&quot;</td>
<td>135</td>
<td>(228.6-301.6)</td>
<td>61.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B760-22-J12</td>
<td>12&quot;-147/8&quot;</td>
<td>141</td>
<td>(304.8-377.8)</td>
<td>63.9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B760-22A Series Beam Clamp

- 1" (25.4) Max. flange thickness
- For use with $\frac{3}{8}$" (41.3) to $\frac{3}{4}$" (82.5) high channel
- Recommended Torques:
  - U-Bolt nuts 150 in-lbs. (16.9 N•m)
  - J-Hook nut 60 in-lbs. (6.8 N•m)
- Includes:
  - 1 pc. B760 Plate
  - 1 pc. B701 Type J-Hook only
  - 1 pc. B500-$\frac{5}{8}$" U-Bolt only
  - 3 pcs. $\frac{3}{8}$"-16 Hex nuts
- Standard finish: ZN

### For Flange Width

<table>
<thead>
<tr>
<th>Part No.</th>
<th>For Flange Width</th>
<th>Wt./C</th>
<th>In.</th>
<th>mm</th>
<th>Lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>B761-22A-J4</td>
<td>4&quot;-57/8&quot;</td>
<td>129</td>
<td>(101.6-149.2)</td>
<td>58.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B761-22A-J6</td>
<td>6&quot;-87/8&quot;</td>
<td>136</td>
<td>(152.4-225.4)</td>
<td>61.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B761-22A-J9</td>
<td>9&quot;-117/8&quot;</td>
<td>142</td>
<td>(228.6-301.6)</td>
<td>64.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B761-22A-J12</td>
<td>12&quot;-147/8&quot;</td>
<td>148</td>
<td>(304.8-377.8)</td>
<td>67.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B-Line series strut systems

Reference page 154 for general fitting and standard finish specifications.
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)

**B422 Series**  
**Right Angle Clamp**  
- Safety Factor of 5  
- Material: 7 gauge (4.5)  
- Standard finishes: ZN, SS4

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Conduit Size</th>
<th>A</th>
<th>Design Load Vertical Pull</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B422-1/2</td>
<td>1/2” (15)</td>
<td>2 3/4” (60.3)</td>
<td>250 (1.11)</td>
<td>38 (17.2)</td>
</tr>
<tr>
<td>B422-3/4</td>
<td>3/4” (20)</td>
<td>2 3/4” (60.3)</td>
<td>300 (1.33)</td>
<td>39 (17.7)</td>
</tr>
<tr>
<td>B422-1</td>
<td>1” (25)</td>
<td>2 7/8” (73.0)</td>
<td>400 (1.78)</td>
<td>48 (21.9)</td>
</tr>
<tr>
<td>B422-1 1/4</td>
<td>1 1/4” (32)</td>
<td>2 7/8” (73.0)</td>
<td>400 (1.78)</td>
<td>50 (22.7)</td>
</tr>
<tr>
<td>B422-1 1/2</td>
<td>1 1/2” (40)</td>
<td>3 1/4” (82.5)</td>
<td>500 (2.22)</td>
<td>59 (26.7)</td>
</tr>
<tr>
<td>B422-2</td>
<td>2” (50)</td>
<td>3 1/16” (93.7)</td>
<td>600 (2.67)</td>
<td>75 (34.0)</td>
</tr>
<tr>
<td>B422-2 1/2</td>
<td>2 1/2” (65)</td>
<td>4 1/4” (107.9)</td>
<td>700 (3.11)</td>
<td>98 (44.4)</td>
</tr>
<tr>
<td>B422-3</td>
<td>3” (80)</td>
<td>4 7/8” (123.8)</td>
<td>800 (3.56)</td>
<td>111 (50.3)</td>
</tr>
<tr>
<td>B422-3 1/2</td>
<td>3 1/2” (90)</td>
<td>5 7/16” (138.1)</td>
<td>900 (4.00)</td>
<td>123 (55.8)</td>
</tr>
<tr>
<td>B422-4</td>
<td>4” (100)</td>
<td>6” (152.4)</td>
<td>1000 (4.45)</td>
<td>135 (61.2)</td>
</tr>
</tbody>
</table>

**B107S**  
**U-Support**  
- Material: 7 gauge (4.5)  
- Standard finishes: ZN, GRN  
- Wt./C 51 Lbs. (23.1 kg)

**B593**  
**Clevis Swivel**  
- Includes:  
  1 pc. 3/8”-16 x 2” HHCS  
  1 pc. 3/8”-16 Hex Nut  
- Material: 11 gauge (3.0)  
- Standard finishes: ZN, GRN  
- Wt./C 31 Lbs. (14.0 kg)

- Illustration shows B107S and B593 used together  
- Design Load 900 Lbs., strength of assembly only  
- Verify anchorage

Reference page 154 for general fitting and standard finish specifications.

B-Line series strut systems Eaton  
Page 167