**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  12½” (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  16½” (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 73 for general fitting and standard finish specifications.
Brackets

**B289-14  14 1/2” (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  18 1/2” (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  20 1/2” (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)

**B409 Single Channel Bracket**
- Safety Factor of 2.5
- Standard finishes: ZN, GRN, SS4

---

**Part No.** | **A** | Uniform Load | Wt./C
--- | --- | --- | ---
B409-6 | 6” (152.4) | 1920 (8.54) | 152 (68.9)
B409-9 | 9” (228.6) | 1280 (5.69) | 195 (88.4)
B409-12 | 12” (304.8) | 960 (4.27) | 232 (106.2)
B409-14 | 14” (355.6) | 800 (3.56) | 274 (124.3)
B409-16 | 16” (406.4) | 730 (3.25) | 314 (142.4)
B409-18 | 18” (457.2) | 640 (2.84) | 347 (157.4)
B409-24 | 24” (609.6) | 480 (2.13) | 450 (204.1)

Reference page 73 for general fitting and standard finish specifications.
B297
Double Channel Bracket
• Safety Factor of 2.5
• Standard finishes: ZN, GRN, HDG

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A (mm)</th>
<th>Uniform Load (kN)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B297-12</td>
<td>304.8</td>
<td>7.37</td>
<td>220.0</td>
</tr>
<tr>
<td>B297-18</td>
<td>457.2</td>
<td>4.88</td>
<td>303.0</td>
</tr>
<tr>
<td>B297-24</td>
<td>609.6</td>
<td>3.71</td>
<td>388.7</td>
</tr>
<tr>
<td>B297-30</td>
<td>762.0</td>
<td>2.95</td>
<td>471.7</td>
</tr>
<tr>
<td>B297-36</td>
<td>914.4</td>
<td>2.44</td>
<td>562.4</td>
</tr>
<tr>
<td>B297-42</td>
<td>1066.8</td>
<td>2.06</td>
<td>653.2</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 (mm)</th>
<th>Uniform Load (kN)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B494-12</td>
<td>304.8</td>
<td>7.02</td>
<td>165.1</td>
</tr>
<tr>
<td>B494-18</td>
<td>475.2</td>
<td>4.45</td>
<td>217.3</td>
</tr>
<tr>
<td>B494-24</td>
<td>609.6</td>
<td>4.43</td>
<td>324.8</td>
</tr>
<tr>
<td>B494-30</td>
<td>762.0</td>
<td>4.11</td>
<td>420.5</td>
</tr>
<tr>
<td>B494-36</td>
<td>914.4</td>
<td>3.84</td>
<td>496.7</td>
</tr>
<tr>
<td>B494-42</td>
<td>1066.8</td>
<td>2.58</td>
<td>635.0</td>
</tr>
<tr>
<td>B494-48</td>
<td>1219.2</td>
<td>2.22</td>
<td>684.9</td>
</tr>
</tbody>
</table>

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 (mm)</th>
<th>Uniform Load (kN)</th>
<th>Wt./C (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B174SH</td>
<td>609.6</td>
<td>163.5</td>
<td>370 (167.8)</td>
</tr>
<tr>
<td>B175SH</td>
<td>660.4</td>
<td>176.2</td>
<td>425 (192.8)</td>
</tr>
<tr>
<td>B176SH</td>
<td>711.2</td>
<td>189.9</td>
<td>480 (217.7)</td>
</tr>
<tr>
<td>B177SH</td>
<td>762.0</td>
<td>201.6</td>
<td>520 (235.9)</td>
</tr>
<tr>
<td>B178SH</td>
<td>813.0</td>
<td>214.3</td>
<td>562 (260.1)</td>
</tr>
<tr>
<td>B179SH</td>
<td>864.0</td>
<td>227.1</td>
<td>605 (276.5)</td>
</tr>
<tr>
<td>B180SH</td>
<td>915.0</td>
<td>240.0</td>
<td>647 (292.6)</td>
</tr>
<tr>
<td>B181SH</td>
<td>966.0</td>
<td>253.0</td>
<td>689 (310.7)</td>
</tr>
<tr>
<td>B182SH</td>
<td>1017.0</td>
<td>266.0</td>
<td>731 (353.7)</td>
</tr>
<tr>
<td>B183SH</td>
<td>1068.0</td>
<td>279.0</td>
<td>773 (386.7)</td>
</tr>
<tr>
<td>B184SH</td>
<td>1120.0</td>
<td>291.0</td>
<td>815 (389.7)</td>
</tr>
</tbody>
</table>

Reference page 73 for general fitting and standard finish specifications.
**Brackets**

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

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

**B198A Channel Clevis Bracket**
- Safety Factor of 2.5
- Standard finishes: ZN, GRN

**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 23 & 24 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>A</td>
<td>Lbs.</td>
<td>kN</td>
<td>Lbs.</td>
</tr>
<tr>
<td>B196-18</td>
<td>18&quot;</td>
<td>(457.2)</td>
<td>600</td>
</tr>
<tr>
<td>B196-24</td>
<td>24&quot;</td>
<td>(609.6)</td>
<td>450</td>
</tr>
<tr>
<td>B198-6</td>
<td>6&quot;</td>
<td>(152.4)</td>
<td>1600</td>
</tr>
<tr>
<td>B198-12</td>
<td>12&quot;</td>
<td>(304.8)</td>
<td>800</td>
</tr>
<tr>
<td>B198A-6</td>
<td>6&quot;</td>
<td>(152.4)</td>
<td>1600</td>
</tr>
<tr>
<td>B198A-12</td>
<td>12&quot;</td>
<td>(304.8)</td>
<td>800</td>
</tr>
<tr>
<td>B293-6</td>
<td>6&quot;</td>
<td>(152.4)</td>
<td>1200</td>
</tr>
<tr>
<td>B293-12</td>
<td>12&quot;</td>
<td>(304.8)</td>
<td>600</td>
</tr>
<tr>
<td>B293-18</td>
<td>18&quot;</td>
<td>(457.2)</td>
<td>400</td>
</tr>
<tr>
<td>B293-24</td>
<td>24&quot;</td>
<td>(609.6)</td>
<td>300</td>
</tr>
</tbody>
</table>

Reference page 73 for general fitting and standard finish specifications.
B370 Bracket for B22A & B11
- Safety Factor of 2.5
- 13000 In.-Lbs (1469 N•m) applies to fitting only, not to strength of strut arm
- Refer to pages 23 & 24 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 266 Lbs. (120.6 kg)

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 23, 24 & 32 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 23, 24 & 34 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 177 Lbs. (80.3 kg)

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

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</th>
<th>B</th>
<th>Uniform Load</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B449-4</td>
<td>4½” (114.3)</td>
<td>2½” (60.3)</td>
<td>2400 (10.67)</td>
<td>74 (33.5)</td>
</tr>
<tr>
<td>B449-8</td>
<td>8½” (215.9)</td>
<td>2½” (60.3)</td>
<td>1270 (5.65)</td>
<td>124 (56.2)</td>
</tr>
<tr>
<td>B449-12</td>
<td>12½” (317.5)</td>
<td>4” (101.6)</td>
<td>860 (3.82)</td>
<td>184 (83.4)</td>
</tr>
</tbody>
</table>

Dimension compatible fitting

Reference page 73 for general fitting and standard finish specifications.
### Brackets

**B816**
- 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
- \(\frac{13}{16}\)" (20.6mm) x 1" (25.4mm) banding slots for steel band
- Standard finishes: ZN, HDG

**B810-**
- *Specify Width: W = 8, 12, 16
- \(\frac{13}{16}\)" (20.6mm) x 1" (25.4mm) banding slots for steel band
- Standard finishes: ZN, HDG

Reference page 73 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, 10, 12, 16, 18, 24
- 13/16" (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
- 13/16” (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></td>
<td>In.</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In.</td>
</tr>
<tr>
<td>B809B-6</td>
<td>6”</td>
<td>(152.4)</td>
</tr>
<tr>
<td>B809B-8</td>
<td>8”</td>
<td>(203.2)</td>
</tr>
<tr>
<td>B809B-10</td>
<td>10”</td>
<td>(254.0)</td>
</tr>
<tr>
<td>B809B-12</td>
<td>12”</td>
<td>(304.8)</td>
</tr>
<tr>
<td>B809B-16</td>
<td>16”</td>
<td>(406.4)</td>
</tr>
<tr>
<td>B809B-18</td>
<td>18”</td>
<td>(457.2)</td>
</tr>
<tr>
<td>B809B-24</td>
<td>24”</td>
<td>(609.6)</td>
</tr>
</tbody>
</table>

Reference page 73 for general fitting and standard finish specifications.