Our mini channels and fittings provide for an economical method of supporting light load requirements on a strut system.

**Channel**

Channels are cold formed on our modern rolling mills from 18 Ga. (1.2 mm) low carbon steel strips plain steel (ASTM A1008 33,000 PSI min. yield) and pre-galvanized steel strips, (ASTM A653 33,000 PSI min. yield). A continuous slot with inturned lips provides the ability to make attachments at any point. Channel combinations are made with new state of the art, high-tech welding equipment.

**Lengths**

Standard lengths are 10’ (3.05 m) and 20’ (6.09 m) for B62 series, and 10’ (3.05 m) for B72 series. Custom lengths are available.

**Fittings**

Mini fittings are formed from hot rolled pickled and oiled strip or sheet steel (ASTM A1011, HSLAS, Grade 50, Class1). The following dimensions apply to all fittings except as noted on the drawings:

- **Hole Size** – 9/32” (7.14 mm) Dia.
- **Hole Spacing** – 13/32” (10.3 mm) from end and 11/16” (27.0 mm) on center.
- **Width** – 13/16” (20.6 mm)
- **Thickness** – 1/8” (3.2 mm)

**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 A1011, HSLAS, Grade 50, Class 1</td>
</tr>
<tr>
<td>ZN</td>
<td>Electro-Plated Zinc</td>
<td>ASTM B633 SC3 Type II</td>
</tr>
<tr>
<td>GRN</td>
<td>DURA-GREEN™</td>
<td></td>
</tr>
<tr>
<td>GLV</td>
<td>Pre-Galvanized</td>
<td>ASTM A653 33,000 PSI min. yield</td>
</tr>
<tr>
<td>HDG</td>
<td>Hot-Dipped Galvanized</td>
<td>ASTM A123</td>
</tr>
</tbody>
</table>

**Metric**

Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.
• Thickness: 18 Ga. (1.2 mm)
• Standard lengths: 10’ (3.05 m) & 20’ (6.09 m)
• Standard finishes: Plain, DURA GREEN™, Pre-Galvanized
• Weight: .42 Lbs./Ft. (.62 kg/m)

### Section Properties

<table>
<thead>
<tr>
<th>Channel</th>
<th>Weight (lbs./ft.)</th>
<th>Areas of Section (sq. in.)</th>
<th>Moment of Inertia (I) (in.4)</th>
<th>Section Modulus (S) (in.3)</th>
<th>Radius of Gyration (r) (in.)</th>
<th>Moment of Inertia (I) (cm4)</th>
<th>Section Modulus (S) (cm3)</th>
<th>Radius of Gyration (r) (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B62</td>
<td>.420</td>
<td>.123</td>
<td>0.0103</td>
<td>0.0221</td>
<td>0.289</td>
<td>0.0134</td>
<td>0.0330</td>
<td>0.330</td>
</tr>
<tr>
<td>B62A</td>
<td>.639</td>
<td>.247</td>
<td>0.0500</td>
<td>0.0616</td>
<td>0.450</td>
<td>0.0269</td>
<td>0.0663</td>
<td>0.330</td>
</tr>
</tbody>
</table>

Calculations of section properties are based on metal thicknesses as determined by the AISI Cold-Formed Steel Design Manual.

### Beam Loading

<table>
<thead>
<tr>
<th>Beam Span (in.)</th>
<th>Channel Style</th>
<th>Uniform Load and Deflection (Lbs., kN)</th>
<th>Uniform Load @ Deflection (1/240 Span, Lbs., kN)</th>
<th>Uniform Load @ Deflection (1/360 Span, Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 (305)</td>
<td>B62</td>
<td>364 (1.62) 420* (1.87)</td>
<td>364 (1.62)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>364 (1.62) 420* (1.87)</td>
<td>364 (1.62)</td>
<td></td>
</tr>
<tr>
<td>24 (609)</td>
<td>B62</td>
<td>182 (0.81) 420* (1.87)</td>
<td>167 (0.74)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>182 (0.81) 420* (1.87)</td>
<td>167 (0.74)</td>
<td></td>
</tr>
<tr>
<td>36 (914)</td>
<td>B62</td>
<td>341 (1.51)</td>
<td>24 (0.10)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>341 (1.51)</td>
<td>24 (0.10)</td>
<td></td>
</tr>
<tr>
<td>48 (1219)</td>
<td>B62</td>
<td>91 (0.40) 256 (6.35)</td>
<td>42 (0.18)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>91 (0.40) 256 (6.35)</td>
<td>42 (0.18)</td>
<td></td>
</tr>
<tr>
<td>60 (1524)</td>
<td>B62</td>
<td>73 (0.32)</td>
<td>27 (0.10)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>73 (0.32)</td>
<td>27 (0.10)</td>
<td></td>
</tr>
<tr>
<td>72 (1829)</td>
<td>B62</td>
<td>61 (0.27)</td>
<td>19 (0.08)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>61 (0.27)</td>
<td>19 (0.08)</td>
<td></td>
</tr>
</tbody>
</table>

Based on simple beam condition using an allowable design stress of 25,000 psi (172 MPa) in accordance with MFMA, with adequate lateral bracing (see page 12 for further explanation). Actual yield point of cold rolled steel is 42,000 psi. To determine concentrated load capacity at mid span, multiply uniform load by 0.5 and corresponding deflection by 0.8. *Failure determined by weld shear.

### Column Loading

<table>
<thead>
<tr>
<th>Unbraced Height (in.)</th>
<th>Channel Style</th>
<th>Max. Column Loading K = .80 Loaded@ C.G.</th>
<th>Max. Column Loading (Loaded @ C.G.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Lbs. kN</td>
<td>Lbs. kN</td>
</tr>
<tr>
<td>12 (305)</td>
<td>B62</td>
<td>2052 (9.13) 4666 (20.75)</td>
<td>2161 (9.61) 4710 (20.95) 1890 (8.41) 1715 (7.63)</td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>2052 (9.13) 4666 (20.75)</td>
<td>2161 (9.61) 4710 (20.95) 1890 (8.41) 1715 (7.63)</td>
</tr>
<tr>
<td>24 (609)</td>
<td>B62</td>
<td>1350 (6.00) 4275 (19.01)</td>
<td>1624 (7.22) 4453 (19.81) 1020 (4.54) 818 (3.64)</td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>1350 (6.00) 4275 (19.01)</td>
<td>1624 (7.22) 4453 (19.81) 1020 (4.54) 818 (3.64)</td>
</tr>
<tr>
<td>36 (914)</td>
<td>B62</td>
<td>818 (3.64) 3624 (16.12)</td>
<td>1053 (4.68) 4023 (17.89) 83 (2.03) 515 (2.29)</td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>818 (3.64) 3624 (16.12)</td>
<td>1053 (4.68) 4023 (17.89) 83 (2.03) 515 (2.29)</td>
</tr>
<tr>
<td>48 (1219)</td>
<td>B62</td>
<td>589 (2.62) 2713 (12.06)</td>
<td>745 (3.31) 3421 (15.21) 456 (2.03) 365** (1.62)</td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>589 (2.62) 2713 (12.06)</td>
<td>745 (3.31) 3421 (15.21) 456 (2.03) 365** (1.62)</td>
</tr>
<tr>
<td>60 (1524)</td>
<td>B62</td>
<td>456 (2.03) 1765 (7.85)</td>
<td>579 (2.57) 2647 (11.77) 347** (1.54) 271** (1.20)</td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>456 (2.03) 1765 (7.85)</td>
<td>579 (2.57) 2647 (11.77) 347** (1.54) 271** (1.20)</td>
</tr>
<tr>
<td>72 (1829)</td>
<td>B62</td>
<td>365** (1.62) 1225 (5.45)</td>
<td>470 (2.09) 1856 (8.25) 271** (1.20) – 784** (3.49)</td>
</tr>
<tr>
<td></td>
<td>B62A</td>
<td>365** (1.62) 1225 (5.45)</td>
<td>470 (2.09) 1856 (8.25) 271** (1.20) – 784** (3.49)</td>
</tr>
</tbody>
</table>

**Where the slenderness ratio KL exceeds 200, and K = end fixity factor, L = actual length and r = radius of gyration.

Reference page 242 for general fitting specifications.
**B72 Channel**

- Thickness: 18 Ga. (1.2 mm)
- Standard lengths: 10’ (3.05 m) & 20’ (6.09 m)
- Standard finishes: Plain, DURA GREEN™, Pre-Galvanized
- Weight: .29 Lbs./Ft. (.43 kg/m)

<table>
<thead>
<tr>
<th>Channel</th>
<th>Weight lbf./ft. kg/m</th>
<th>Areas of Section sq. in. cm²</th>
<th>Moment of Inertia (I) in.⁴ cm⁴</th>
<th>Section Modulus (S) in.³ cm³</th>
<th>Radius of Gyration (r) in. cm</th>
<th>Moment of Inertia (I) in.⁴ cm⁴</th>
<th>Section Modulus (S) in.³ cm³</th>
<th>Radius of Gyration (r) in. cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>B72</td>
<td>.287 (.43)</td>
<td>.084 (.54)</td>
<td>.0018 (.07)</td>
<td>.0073 (.12)</td>
<td>.146 (.37)</td>
<td>.0077 (.32)</td>
<td>.0190 (.31)</td>
<td>.302 (.77)</td>
</tr>
<tr>
<td>B72A</td>
<td>.574 (.85)</td>
<td>.169 (1.09)</td>
<td>.0078 (.32)</td>
<td>.0192 (.31)</td>
<td>.215 (.55)</td>
<td>.0155 (.65)</td>
<td>.0382 (.63)</td>
<td>.303 (.77)</td>
</tr>
</tbody>
</table>

Calculations of section properties are based on metal thicknesses as determined by the AISI Cold-Formed Steel Design Manual.

**Beam Loading**

<table>
<thead>
<tr>
<th>Beam Span in.</th>
<th>Channel Style</th>
<th>Uniform Load and Deflection</th>
<th>Uniform Load @ Deflection = 1/240 Span</th>
<th>Uniform Load @ Deflection = 1/360 Span</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 (305)</td>
<td>B72</td>
<td>116 (0.51)</td>
<td>.051 (1.29)</td>
<td>113 (0.50)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>210* (0.93)</td>
<td>.020 (.51)</td>
<td>210* (0.93)</td>
</tr>
<tr>
<td>24 (609)</td>
<td>B72</td>
<td>58 (0.26)</td>
<td>.206 (5.23)</td>
<td>28 (0.12)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>159 (.71)</td>
<td>.125 (3.17)</td>
<td>127 (.56)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>39 (.17)</td>
<td>.465 (11.81)</td>
<td>13 (.06)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>106 (.45)</td>
<td>.281 (7.14)</td>
<td>57 (.25)</td>
</tr>
<tr>
<td>36 (914)</td>
<td>B72</td>
<td>29 (.13)</td>
<td>.827 (21.00)</td>
<td>7 (.03)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>60 (.35)</td>
<td>.500 (12.70)</td>
<td>32 (.14)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>23 (.10)</td>
<td>1.292 (32.81)</td>
<td>5 (.02)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>64 (.28)</td>
<td>.782 (19.86)</td>
<td>20 (.09)</td>
</tr>
<tr>
<td>60 (1524)</td>
<td>B72</td>
<td>313** (1.39)</td>
<td>––</td>
<td>3 (.01)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>1421 (6.32)</td>
<td>––</td>
<td>14 (.06)</td>
</tr>
</tbody>
</table>

Based on simple beam condition using an allowable design stress of 25,000 psi (172 MPa) in accordance with MFMA, with adequate lateral bracing (see page 12 for further explanation). Actual yield point of cold rolled steel is 42,000 psi. To determine concentrated load capacity at mid span, multiply uniform load by 0.5 and corresponding deflection by 0.8. *Failure determined by weld shear.

**Column Loading**

<table>
<thead>
<tr>
<th>Unbraced Height in.</th>
<th>Channel Style</th>
<th>Max. Column Loading K = .80 Loaded @ C.G.</th>
<th>Max. Column Loading (Loaded @ C.G.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Lbs. kN</td>
<td>K = .65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lbs. kN</td>
<td>K = 1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lbs. kN</td>
<td>K = 1.2</td>
</tr>
<tr>
<td>12 (305)</td>
<td>B72</td>
<td>1598 (7.11)</td>
<td>1712 (7.61)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>3600 (16.01)</td>
<td>3700 (16.46)</td>
</tr>
<tr>
<td>24 (609)</td>
<td>B72</td>
<td>701 (3.12)</td>
<td>1050 (4.67)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>2710 (12.05)</td>
<td>3113 (13.85)</td>
</tr>
<tr>
<td>36 (914)</td>
<td>B72</td>
<td>313** (1.39)</td>
<td>473 (2.10)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>1421 (6.32)</td>
<td>2135 (9.50)</td>
</tr>
<tr>
<td>36 (1219)</td>
<td>B72</td>
<td>177** (0.79)</td>
<td>267** (1.19)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>799 (3.55)</td>
<td>1211 (5.39)</td>
</tr>
<tr>
<td>60 (1524)</td>
<td>B72</td>
<td>113** (0.60)</td>
<td>267** (1.19)</td>
</tr>
<tr>
<td></td>
<td>B72A</td>
<td>512** (2.28)</td>
<td>775 (3.45)</td>
</tr>
</tbody>
</table>

**Where the slenderness ratio KL exceeds 200, and K = end fixity factor, L = actual length and r = radius of gyration.**

Reference page 242 for general fitting specifications.
## Mini Channel Nuts & Fittings

### Nuts for B62, B72 Channel

<table>
<thead>
<tr>
<th>Part Number</th>
<th>With Spring</th>
<th>Without Spring</th>
<th>With Spring</th>
<th>Without Spring</th>
<th>Thread Size</th>
<th>Thickness</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>N621</td>
<td>N621WO</td>
<td>N7221</td>
<td>N621WO</td>
<td></td>
<td>#8-32</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>N622</td>
<td>N622WO</td>
<td>N7222</td>
<td>N622WO</td>
<td></td>
<td>#10-24</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>N627</td>
<td>N627WO</td>
<td>N7227</td>
<td>N627WO</td>
<td></td>
<td>#10-32</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>N624</td>
<td>N624WO</td>
<td>N7224</td>
<td>N624WO</td>
<td></td>
<td>1/4-20</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>BMM-3L</td>
<td>BMM-3</td>
<td>BMM-3S</td>
<td>BMM-3</td>
<td></td>
<td>M3.5 x 0.6</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>BMM-4L</td>
<td>BMM-4</td>
<td>BMM-4S</td>
<td>BMM-4</td>
<td></td>
<td>M4 x 0.7</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>BMM-5L</td>
<td>BMM-5</td>
<td>BMM-5S</td>
<td>BMM-5</td>
<td></td>
<td>M5 x 0.8</td>
<td>.150</td>
<td>1.0</td>
</tr>
<tr>
<td>BMM-6L</td>
<td>BMM-6</td>
<td>BMM-6S</td>
<td>BMM-6</td>
<td></td>
<td>M6 x 1</td>
<td>.150</td>
<td>1.0</td>
</tr>
</tbody>
</table>

### Mini Fittings

#### B6202 Square Washer
- Standard finishes: ZN, GRN
- Wt./C 2 Lbs. (.9 kg)

#### B6129 Two Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 5 Lbs. (2.2 kg)

#### B6340 Two Hole Splice Plate
- Standard finishes: ZN, GRN
- Wt./C 5 Lbs. (2.2 kg)

Reference page 242 for general fitting specifications.
**Mini Fittings**

**B6141 Three Hole Splice Plate**
- Standard finishes: ZN, GRN
- Wt./C 7 Lbs. (3.2 kg)

**B600-62 Three Hole Flat Adapter Plate**
- Standard finishes: ZN, GRN
- Wt./C 19 Lbs. (8.6 kg)

**B6557 Three Hole Splice Plate**
- Standard finishes: ZN, GRN
- Wt./C 7 Lbs. (3.2 kg)

**B6341 Four Hole Splice Plate**
- Standard finishes: ZN, GRN
- Wt./C 11 Lbs. (5.0 kg)

**B6138 Two Hole Swivel Plate**
- Standard finishes: ZN, GRN
- Wt./C 7 Lbs. (3.2 kg)

**B6139 Three Hole Swivel Plate**
- Standard finishes: ZN, GRN
- Wt./C 10 Lbs. (4.5 kg)

**B6504 Four Hole Splice Plate**
- Standard finishes: ZN, GRN
- Wt./C 10 Lbs. (4.5 kg)

**B6140 Three Hole Corner Plate**
- Standard finishes: ZN, GRN
- Wt./C 8 Lbs. (3.6 kg)

**B6143 Four Hole Corner Plate**
- Standard finishes: ZN, GRN
- Wt./C 11 Lbs. (5.0 kg)

Reference page 242 for general fitting specifications.
B6132
Five Hole Cross Plate
- Standard finishes: ZN, GRN
- Wt./C 13 Lbs. (5.9 kg)

B6133
Four Hole Tee Plate
- Standard finishes: ZN, GRN
- Wt./C 11 Lbs. (5.0 kg)

B6135
Three Hole Corner Gusset Plate
- Standard finishes: ZN, GRN
- Wt./C 9 Lbs. (4.1 kg)

B6142
Four Hole Corner Gusset Plate
- Standard finishes: ZN, GRN
- Wt./C 15 Lbs. (6.8 kg)

B6337
Three Hole Tee Gusset Plate
- Standard finishes: ZN, GRN
- Wt./C 10 Lbs. (4.5 kg)

B6136
Four Hole Tee Gusset Plate
- Standard finishes: ZN, GRN
- Wt./C 15 Lbs. (6.8 kg)

B6532
Five Hole Tee Gusset Plate
- Standard finishes: ZN, GRN
- Wt./C 22 Lbs. (10.0 kg)

B6101
Two Hole Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 5 Lbs. (2.2 kg)

B6230
Two Hole Corner Angle
- Standard finishes: ZN, GRN
- Wt./C 5 Lbs. (2.2 kg)

Reference page 242 for general fitting specifications.
Mini Fittings

B6102
Three Hole Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 8 Lbs. (3.6 kg)

B6103
Three Hole Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 8 Lbs. (3.6 kg)

B6232
Three Hole Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 7 Lbs. (3.2 kg)

B6374
Three Hole Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 7 Lbs. (3.2 kg)

B6104
Four Hole Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 10 Lbs. (4.5 kg)

B6558
Four Hole Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 10 Lbs. (4.5 kg)

B6357
Four Hole Offset Bent Tee
• Standard finishes: ZN, GRN
• Wt./C 11 Lbs. (5.0 kg)

B6239
Five Hole Offset Bent Tee
• Standard finishes: ZN, GRN
• Wt./C 14 Lbs. (6.3 kg)

B6144R & L
Four Hole Shelf Bracket
• Standard finishes: ZN, GRN
• Wt./C 19 Lbs. (8.6 kg)

Reference page 242 for general fitting specifications.
B6134R & L
Four Hole Corner Gusset
• Standard finishes: ZN, GRN
• Wt./C 15 Lbs. (6.8 kg)

B6234R & L
Four Hole Corner Gusset
• Standard finishes: ZN, GRN
• Wt./C 15 Lbs. (6.8 kg)

B6118
Four Hole Gussetted Shelf Angle
• Standard finishes: ZN, GRN
• Wt./C 15 Lbs. (6.8 kg)

B6533
Five Hole Gussetted Shelf Angle
• Standard finishes: ZN, GRN
• Wt./C 22 Lbs. (10.0 kg)

B6126
Four Hole Gussetted Three Way Shelf Angle
• Standard finishes: ZN, GRN
• Wt./C 15 Lbs. (6.8 kg)

B6127
Five Hole Gussetted Three Way Shelf Angle
• Standard finishes: ZN, GRN
• Wt./C 18 Lbs. (8.1 kg)

B6112
Four Hole Adjustable Corner Angle
• Standard finishes: ZN, GRN
• Wt./C 32 Lbs. (14.5 kg)

B589-62
Two Hole 90° Adapter Angle
• Standard finishes: ZN, GRN
• Wt./C 11 Lbs. (5.0 kg)

Reference page 242 for general fitting specifications.
### B6147-B6152 Two Hole Open Angle
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B6147</td>
<td>82°</td>
<td>2° 71/32&quot; (51.6)</td>
<td>7/32&quot; (21.4)</td>
<td>8.0 (3.6)</td>
</tr>
<tr>
<td>B6148</td>
<td>75°</td>
<td>2° 71/32&quot; (51.6)</td>
<td>7/32&quot; (21.4)</td>
<td></td>
</tr>
<tr>
<td>B6149</td>
<td>67°2/3°</td>
<td>2&quot; (50.8)</td>
<td>7/8&quot; (22.2)</td>
<td></td>
</tr>
<tr>
<td>B6150</td>
<td>60°</td>
<td>1°31/32&quot; (60.0)</td>
<td>1°3/16&quot; (23.8)</td>
<td></td>
</tr>
<tr>
<td>B6151</td>
<td>52°2/3°</td>
<td>1°7/8&quot; (47.6)</td>
<td>1°11/16&quot; (27.0)</td>
<td></td>
</tr>
<tr>
<td>B6152</td>
<td>37°2/3°</td>
<td>2&quot; (50.8)</td>
<td>29/32&quot; (23.0)</td>
<td></td>
</tr>
</tbody>
</table>

### B6154 Two Hole Open Angle
- Standard finishes: ZN, GRN
- Wt./C 8 Lbs. (3.6 kg)

### B6162-B6165 Two Hole Open Angle
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B6162</td>
<td>30°</td>
<td>8.0 (3.6)</td>
</tr>
<tr>
<td>B6163</td>
<td>22°5/8&quot; (33.3)</td>
<td></td>
</tr>
<tr>
<td>B6164</td>
<td>15°</td>
<td></td>
</tr>
<tr>
<td>B6165</td>
<td>7°1/2°</td>
<td></td>
</tr>
</tbody>
</table>

### B6156-B6161 Two Hole Closed Angle
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B6156</td>
<td>82°2/3°</td>
<td>1°9/32&quot; (32.5)</td>
<td>8.0 (3.6)</td>
</tr>
<tr>
<td>B6157</td>
<td>75°</td>
<td>1°15/32&quot; (33.3)</td>
<td></td>
</tr>
<tr>
<td>B6158</td>
<td>67°2/3°</td>
<td>1°13/32&quot; (34.9)</td>
<td></td>
</tr>
<tr>
<td>B6159</td>
<td>60°</td>
<td>1°15/32&quot; (35.7)</td>
<td></td>
</tr>
<tr>
<td>B6160</td>
<td>52°2/3°</td>
<td>1°15/32&quot; (37.3)</td>
<td></td>
</tr>
<tr>
<td>B6161</td>
<td>37°2/3°</td>
<td>1°21/32&quot; (42.0)</td>
<td></td>
</tr>
</tbody>
</table>

Reference page 242 for general fitting specifications.
**B6167 Four Hole Splice Clevis for B72**
- Standard finishes: ZN, GRN
- Wt./C 24 Lbs. (10.9 kg)

**B6172 Four Hole Splice Clevis for B62**
- Standard finishes: ZN, GRN
- Wt./C 36 Lbs. (16.3 kg)

**B7116 Three Hole U-Support**
- Standard finishes: ZN, GRN
- Wt./C 10 Lbs. (4.5 kg)

**B6107 Three Hole U-Support**
- Standard finishes: ZN, GRN
- Wt./C 12 Lbs. (5.4 kg)

**B6107-62A Three Hole U-Support**
- Standard finishes: ZN, GRN
- Wt./C 16 Lbs. (7.2 kg)

**B6594 Five Hole U-Support**
- Standard finishes: ZN, GRN
- Wt./C 13 Lbs. (5.9 kg)

Reference page 242 for general fitting specifications.
**Mini Fittings**

**B6173 Four Hole Clevis**
- Standard finishes: ZN, GRN
- Wt./C 9 Lbs. (4.1 kg)

**B6526 Two Hole Offset Z-Support**
- Standard finishes: ZN, GRN
- Wt./C 5 Lbs. (2.2 kg)

**B6105 Two Hole Offset Z-Support for B62**
- Standard finishes: ZN, GRN
- Wt./C 7 Lbs. (3.2 kg)

**B7105 Two Hole Offset Z-Support for B72**
- Standard finishes: ZN, GRN
- Wt./C 7 Lbs. (3.2 kg)

**B6110 Two Hole Offset Z-Support for B62A**
- Standard finishes: ZN, GRN
- Wt./C 9 Lbs. (4.1 kg)

**B6108 Two Hole Offset Z-Support**
- Standard finishes: ZN, GRN
- Wt./C 7 Lbs. (3.2 kg)

**B598-62 Two Hole Z-Adapter Plate**
- Standard finishes: ZN, GRN
- Wt./C 28 Lbs. (12.7 kg)

Reference page 242 for general fitting specifications.
B6205 End Cap for B62
- Material: ASTM A1008 SS Gr. 33 Type 1
- Standard finishes: ZN, GRN
- Wt./C 3 Lbs. (1.3 kg)

B7205 End Cap for B72
- Material: ASTM A1008 SS Gr. 33 Type 1
- Standard finishes: ZN, GRN
- Wt./C 1 Lb. (.4 kg)

B611 Z-Beam Clamp
- 5/16”-18 Setscrew included
- 13/16” (20.6) Max. Flange Thickness
- Material: ASTM A36
- Standard finishes: ZN, GRN
- Wt./C 13 Lbs. (5.9 kg)

B6409-6, 9 Bracket
- Safety Factor of 2
- Uniform Design Load 40 Lbs. (.18 kN)
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>O.D. Size A</th>
<th>O.D. Size B</th>
<th>Wt./C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B6409-6</td>
<td>6” (152.4)</td>
<td>7/8” (22.2)</td>
<td>13/16” (20.6)</td>
</tr>
<tr>
<td>B6409-9</td>
<td>9” (228.6)</td>
<td>1” (25.4)</td>
<td>13/16” (20.6)</td>
</tr>
</tbody>
</table>

B2350-B2355 One Hole Double Tubing Strap
- Material: ASTM A1008 SS Gr. 33 Type 1
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>O.D. Size A</th>
<th>O.D. Size B</th>
<th>C</th>
<th>Wt./C</th>
</tr>
</thead>
</table>
| B2350   | 1/4” (6.3)  | 1/4” (6.3)  | 3/4” (19.0) | 1.2 (.5)
| B2351   | 3/8” (9.5)  | 3/8” (9.5)  | 1” (25.4)   | 2.0 (.9)
| B2352   | 1/2” (12.7) | 1/2” (12.7) | 11/4” (31.7) | 2.9 (1.3)
| B2353   | 11/4” (31.7) | 1” (25.4)  | 11/8” (28.6) | 2.5 (1.1)

B2308-B2315 One Hole Tubing Strap
- Material: Sizes 1/4” - 1/2”, ASTM A611 Gr. C
- Standard finishes: ZN, GRN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>O.D. Size A</th>
<th>O.D. Size B</th>
<th>C</th>
<th>Wt./C</th>
</tr>
</thead>
</table>
| B2308   | 1/4” (6.3)  | 1/32” (26.2) | .048 (1.2) | 1.2 (.5)
| B2309   | 5/16” (7.9) | 1/32” (27.8) | .048 (1.2) | 1.4 (.6)
| B2310   | 3/8” (9.5)  | 1/32” (30.1) | .048 (1.2) | 1.6 (.7)
| B2311   | 11/2” (12.7)| 1/32” (33.7) | .048 (1.2) | 1.9 (.8)
| B2312   | 5/8” (15.9) | 13/64” (35.3) | .062 (1.6) | 2.7 (1.2)
| B2313   | 31/4” (19.0)| 13/64” (40.9) | .075 (1.9) | 4.3 (1.9)
| B2314   | 7/8” (22.2) | 15/64” (45.6) | .075 (1.9) | 4.9 (2.2)
| B2315   | 1” (25.4)   | 21/32” (51.6) | .075 (1.9) | 5.2 (2.3)

Reference page 242 for general fitting specifications.

B-Line series strut systems

Mini Fittings

Mini Channel & Fittings

Eaton