**REFERENCE DATA ON INTERNATIONAL (I.S.O.) FREIGHT CONTAINERS**

**72047-16 | Sheet: 1 of 2**

<table>
<thead>
<tr>
<th>Freight container designation</th>
<th>Length (external)</th>
<th>S</th>
<th>P</th>
<th>K&lt;sub&gt;s&lt;/sub&gt; max.</th>
<th>K&lt;sub&gt;p&lt;/sub&gt; max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>ft</td>
<td>in</td>
<td>mm</td>
<td>ft</td>
</tr>
<tr>
<td>1A BAA</td>
<td>12.192</td>
<td>0</td>
<td>0</td>
<td>+0</td>
<td>0</td>
</tr>
<tr>
<td>1B BB</td>
<td>9.125</td>
<td>0</td>
<td>0</td>
<td>+0</td>
<td>0</td>
</tr>
<tr>
<td>1C CC</td>
<td>6.058</td>
<td>0</td>
<td>0</td>
<td>-6</td>
<td>0</td>
</tr>
<tr>
<td>1D</td>
<td>2.991</td>
<td>0</td>
<td>0</td>
<td>-6</td>
<td>0</td>
</tr>
</tbody>
</table>

**Dimensions**

- **S** = Length between centers of apertures in corner fittings
- **P** = Width between centers of apertures in corner fittings
- **C<sub>1</sub>** = Corner fitting measurement 101.5 + 0 mm - 1.5 mm (4" + 0" - 1/16")
- **C<sub>2</sub>** = Corner fitting measurement 89 + 0 mm - 1.5 mm (3-1/2" +0" -1/16")
- **L** = External length of the container
- **W** = External width of the container
- **D** = Distance between centers of apertures, or projected reference points there from, of diagonally opposite corner fittings, resulting in six measurements: D<sub>1</sub>, D<sub>2</sub>, D<sub>3</sub>, D<sub>4</sub>, D<sub>5</sub>, and D<sub>6</sub>
- **K<sub>s</sub>** = Difference between D<sub>1</sub> and D<sub>2</sub> or between D<sub>3</sub> and D<sub>4</sub>; i.e. K<sub>s</sub> = D<sub>1</sub> - D<sub>2</sub> or K<sub>s</sub> = D<sub>3</sub> - D<sub>4</sub>
- **K<sub>p</sub>** = Difference between D<sub>5</sub> and D<sub>6</sub>, i.e. K<sub>p</sub> = D<sub>5</sub> - D<sub>6</sub>
- **H** = Overall Height

**Usage:**

- To avoid lifter failure, potential death and property damage, never exceed WLL (Working Load Limit).
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- Dimensions are subject to manufacturing tolerance and change.

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Tandemloc designs, manufactures and tests lifting, securing and mobilizing components for all industries. See our website for details and important safety information.

Read all safety labels and instructions prior to use. Product to be used by qualified personnel only.
**REFERENCE DATA ON INTERNATIONAL (I.S.O.) FREIGHT CONTAINERS**

**72047-16 | Sheet: 2 of 2**

**NOTES:**

1. **Location Tolerances and Dimensions for "Male" Fittings are Based upon the Maximum Fitting Length of 4.375 Inches (111 MM), and Maximum Fitting Width of 2.250 Inches (57 MM).**

2. **Location Tolerances and Dimensions for "Female" Fittings are Based upon the Mating Fitting having a Minimum Clearance, in Both the Female Fitting and I.S.O. Container Apertures of .125 Inches (3 MM) in All Horizontal Directions.**

3. **All Dimensions are to the Center Lines for the Male and Female Fittings.**

4. **Tandemloc "Female" Fittings Include:**
   - T10021A-100 Aperature Plate
   - 243000C Steel Corner Fitting

5. **Tandemloc "Male" Fittings Include:**
   - 80600U-U00 Retractable Universal Trailoc
   - 80600T-100 Screw Down, Non Retractable Trailoc
   - S38000B-1PA Drop in Twistloc
   - T12000D 3-In-1 Tiedown
   - T12000E Screw Down Twistloc
   - T42000C Shallow Combo Twistloc
   - K08A00A-1GA Vertical Clamp Connector (VISO)
   - K08A00D-1GA Aluminum Vertical Clamp Connector (VISO)
   - K08A00D-1PH High Strength Vertical Clamp Connector (VISO)
   - N2501B-1PA-15PA Weldable Fastmount

6. **See Sheet 1 of 2 for I.S.O. Freight Container Reference Dimensions.**

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**Dimensional Table:**

<table>
<thead>
<tr>
<th>Letter</th>
<th>20 Ft. Container</th>
<th>40 Ft. Container</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P</strong></td>
<td>2.261</td>
<td>2.261</td>
</tr>
<tr>
<td></td>
<td>88.97 + 0.046</td>
<td>88.97 + 0.046</td>
</tr>
<tr>
<td></td>
<td>- 0.077</td>
<td>- 0.077</td>
</tr>
<tr>
<td><strong>S</strong></td>
<td>5.853</td>
<td>5.853</td>
</tr>
<tr>
<td></td>
<td>230.44 ± 0.13</td>
<td>230.44 ± 0.13</td>
</tr>
<tr>
<td><strong>D1</strong></td>
<td>6.275</td>
<td>6.275</td>
</tr>
<tr>
<td></td>
<td>247.03 ± 0.13</td>
<td>247.03 ± 0.13</td>
</tr>
<tr>
<td><strong>D2</strong></td>
<td>6.275</td>
<td>6.275</td>
</tr>
<tr>
<td></td>
<td>247.03 ± 0.13</td>
<td>247.03 ± 0.13</td>
</tr>
</tbody>
</table>

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