**Metal Flared End Sections for Pipe Arches**

**TYP. ARCH DIMENSIONS**

<table>
<thead>
<tr>
<th>SPAN</th>
<th>DIMENSIONS</th>
<th>THICKNESS</th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>(430)</td>
<td>0.0658</td>
<td>7</td>
<td>180</td>
<td>6</td>
<td>130</td>
<td>2.65</td>
</tr>
<tr>
<td>21</td>
<td>(533)</td>
<td>0.0806</td>
<td>8</td>
<td>180</td>
<td>8</td>
<td>130</td>
<td>2.75</td>
</tr>
<tr>
<td>26</td>
<td>(600)</td>
<td>0.0806</td>
<td>10</td>
<td>205</td>
<td>8</td>
<td>150</td>
<td>2.85</td>
</tr>
<tr>
<td>32</td>
<td>(711)</td>
<td>0.0806</td>
<td>12</td>
<td>205</td>
<td>10</td>
<td>150</td>
<td>2.95</td>
</tr>
<tr>
<td>40</td>
<td>(889)</td>
<td>0.0806</td>
<td>16</td>
<td>255</td>
<td>10</td>
<td>180</td>
<td>3.05</td>
</tr>
<tr>
<td>48</td>
<td>(1267)</td>
<td>0.0806</td>
<td>20</td>
<td>305</td>
<td>10</td>
<td>200</td>
<td>3.15</td>
</tr>
</tbody>
</table>

**NOTES**

1. Type 1 and 2 connection shall be used only with pipes with annular ends.
2. Type 3 connection can be used with all pipe arch sizes and includes 12 (300) of the pipe length. The annular connector section shall be attached to the end section by rivets or bolts and shall be the same metal thickness as the end section. When coupling the type 3 connection to a pipe with helical ends, only the dimple type coupling band shall be used.
3. Type 4 connection can be used with all pipes having helical ends. The end section band shall be either a dimple, hugger, or annular band and can be used with pipes having annular ends. For pipes having helical ends, only the dimple end section band will be allowed.

All dimensions are in inches (millimeters) unless otherwise shown.

**CONNECTIONS OF END SECTIONS**

**TYPE 1**
For 17x13 (432x330) thru 28x20 (714x508) only (See Note 1)

**TYPE 2**
For 24x17 (600x432) thru 57x38 (1448x965) only (See Note 2)

**TYPE 3**
(See Note 3)

**TYPE 4**
(See Note 3)

**MATERIALS**

- **Threaded rod**: M12 (12mm) diameter
- **Connector lug**: M10 (10mm) diameter
- **Band shop bolts to end section with % (M10) bolts**:

**END VIEW**

**SIDE VIEW**

**END SECTION**

**Metal Flared End Sections for Pipe Arches**

**DATE**

1-1-16: Revised standard

4-1-16: Revised thickness values

**REVISIONS**

1-1-16: Renamed standard

4-1-16: Revised thickness values in table