

# Strut Loading

| Material/<br>Gauge                   | Type<br>Loading* | Load         | Deflection<br>in. |
|--------------------------------------|------------------|--------------|-------------------|
| STEEL<br>14 ga.                      | U<br>Cs          | 1444<br>707  | .18<br>.15        |
| STEEL<br>12 ga.                      | U<br>Cs          | 2277<br>1115 | .15<br>.12        |
| ALUM.<br>12 ga.<br>.080"             | U<br>Cs          | 951<br>466   | .24<br>.20        |
| ALUM.<br>10 ga.<br>.100"             | U<br>Cs          | 1458<br>714  | .27<br>.22        |
| STAINLESS<br>STEEL<br>304<br>16 ga.  | U<br>Cs          | 947<br>464   | .38<br>.31        |
| STAINLESS<br>STEEL<br>316L<br>16 ga. | U<br>Cs          | 812<br>398   | .31<br>.25        |

\*U = Allowable Uniform Load (lb./ft.<sup>2</sup>)

Cs = Allowable Concentrated Load per ft. of length at mid-width (lb./ft.)