3.5 Pretopped Double-Tee Load Tables

Table of superimposed service load capacity, lb/ft², and cambers, in.

<table>
<thead>
<tr>
<th>Strand pattern</th>
<th>y, (end)</th>
<th>y, (center), in.</th>
<th>Span, ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>68-S</td>
<td>4.00</td>
<td>689</td>
<td>699</td>
</tr>
<tr>
<td>88-S</td>
<td>5.00</td>
<td>890</td>
<td>900</td>
</tr>
<tr>
<td>108-S</td>
<td>6.00</td>
<td>900</td>
<td>910</td>
</tr>
<tr>
<td>128-S</td>
<td>7.00</td>
<td>910</td>
<td>920</td>
</tr>
<tr>
<td>128-D1</td>
<td>11.67</td>
<td>920</td>
<td>930</td>
</tr>
<tr>
<td>148-D1</td>
<td>12.86</td>
<td>930</td>
<td>940</td>
</tr>
</tbody>
</table>

Section Properties

**Normalweight**

- A = 689 in.²
- f'c = 5000 psi
- S = 5379 in.²
- wt = 718 lb/ft²
- DL = 72 lb/ft²
- V/S = 2.08 in.²

**Lightweight**

- A = 689 in.²
- f'c = 5000 psi
- S = 5379 in.²
- wt = 550 lb/ft²
- DL = 55 lb/ft²
- V/S = 2.08 in.²

Shaded values require release strengths higher than 3500 psi.

Strength is based on strain compatibility; bottom tension is limited to 12 f'c; see pages 3–8 through 3–11 for explanation.

check with regional producers for availability.