**Spider Shelving and Mini-racking**  
General Dimensions & Tolerances

Make sure that you have the latest version before using this document.

### Shelving Dimensions

![Shelving Dimensions Diagram]

- **double row**
  - Depth = (nominal dim.) + 1/2" + T  
  - Tolerance: -0,+1/8"

- **single row**
  - (nominal dim.) + 1/4"  
  - Tolerance: -0,+1/16"

- **overall dimensions**:
  -_post c/c_ (nominal dim.) + 1 5/8"

- **total opening** (nominal dim.) - 1 5/8"

- **shelf width** (nominal dim.) - 1/2"

- **shelf depth** (nominal dim.) - 1/4"

- **shelf width** (nominal dim.) -1/2"

- **shelf depth** 13/16"

- **post c/c nominal dimensions**: 1/2"+T

- **overall dimensions**:
  - (nominal dim.) + 1 5/8"

**If shelving units are installed near a wall, you must leave a gap so that they do not touch the wall. 5/16" minimum for the nut heads at the back.**

#### Mini-racking & Record Storage Dimensions

![Mini-racking & Record Storage Dimensions Diagram]

**Mini-racking depth**

- **Single row**
  - (15", 16", 18", 24") + 1/4"
  - (30", 32", 36", 48") + 35/64"
  - (48 1/2") + 1/2"

- **Tolerance**: -0,+1/16"

**Back braces (SH33)**
  - 1/32"

**Medium panel (SHUR)**
  - 1/32"

**Heavy-duty panel (SHSC)**
  - 1/32"

**Heavy-duty sway brace (SHVW)**
  - 7/64"

- **Tolerance**: -1/32", +3/32"

**See chart below which shows the extra thickness to be added depending on the assembly.**

<table>
<thead>
<tr>
<th>Assembly</th>
<th>T (thickness)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back panel (SH31)</td>
<td>0&quot;</td>
</tr>
<tr>
<td>Back braces (SH33)</td>
<td>5/64&quot;</td>
</tr>
<tr>
<td>Medium panel (SHUR)</td>
<td>1/32&quot;</td>
</tr>
<tr>
<td>Heavy-duty panel (SHSC)</td>
<td>5/32&quot;</td>
</tr>
<tr>
<td>Heavy-duty sway brace (SHVW)</td>
<td>7/64&quot;</td>
</tr>
</tbody>
</table>

**These dimensions do not include beam excess (1/8") on each post faces.**

**This dimension does not include floor anchor plates.**

See page 2/2 for back-to-back mini-racking with post spacer.
### Possible Combinations Of Back-To-Back Shelving With Mini-racking

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; + 18&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>15&quot; + 15&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>12&quot; + 24&quot;</td>
<td>36&quot;</td>
</tr>
<tr>
<td>18&quot; + 18&quot;</td>
<td>36&quot;</td>
</tr>
<tr>
<td>24&quot; + 24&quot;</td>
<td>48&quot;</td>
</tr>
</tbody>
</table>

#### Nominal Dimensions

- SR21 = medium-duty beams
- SR22 = heavy-duty beams

#### Wood Decking Dimensions For Mini-racking

- Side-by-side shelving unit on one side only of the mini-racking unit:
  - Wood decking **Width** = Nominal mini-racking width - 1 1/4"
  - Wood decking **Depth** = Nominal mini-racking depth - 5/8"

- Side-by-side shelving unit on both side of the mini-racking unit:
  - Wood decking **Width** = Nominal mini-racking width - 1 13/16"
  - Wood decking **Depth** = Nominal mini-racking depth - 5/8"

- Mini-racking unit without side-by-side shelving unit:
  - Wood decking **Width** = Nominal mini-racking width - 11/16"
  - Wood decking **Depth** = Nominal mini-racking depth - 7/8" (for depth: 15, 16, 18 et 24")
  - Wood decking **Depth** = Nominal mini-racking depth - 5/8" (for depth: 30, 32, 36 et 48")

#### Back-To-Back Mini-racking With Post Spacer

- Two security clips are mandatory above each spacer.

#### Mini-racking Beams

- **Depth of 15", 16", 18" & 24"**
  - Tolerance: -0,+1/16"
  - (nominal dimensions) + 1/2" (SR21)
  - (nominal dimensions) + 9/16" (SR22)
  - 2" (SR21)
  - 2 1/2" (SR22)

- **Depth of 30", 32", 36", 48" & 48 1/2"**
  - Tolerance: -0,+1/16"
  - (nominal dimensions) + 3/4" (SR21)
  - (nominal dimensions) + 13/16" (SR22)
  - 2" (SR21)
  - 2 1/2" (SR22)

- SR21 = medium-duty beams
- SR22 = heavy-duty beams

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