Introducing Our Latest Design in Our Line of Truss Plates

Our Simpson Strong-Tie® ASHP and ASHPN truss hinge-plate models provide a quality-engineered and tested hinge solution.

Two versions of the truss hinge-plate are available. One has teeth on both ends (ASHP) and acts as a lumber hinge for plant assembled joints. The other has teeth on one end and fastener holes on the other (ASHPN) and is used to make final field connections.

Features

- Hinges up to 90°, eliminating the need for piggybacking trusses.
- Designed for manufactured homes and modular construction.
- Locator tabs help place the hinge-plate connector in the correct position.

Material: 18GA, ASTM A653
Finish: G90
Code Report: ESR-2762 (pending)

Limit State Design Values for ASHP and ASHPN Hinge Connector Plates

<table>
<thead>
<tr>
<th>Property Force Direction</th>
<th>Limit State Design Value (lb.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASHP</td>
<td>ASHPN</td>
</tr>
<tr>
<td>Shear (P₁)</td>
<td>999</td>
</tr>
<tr>
<td>Tension (P₂)</td>
<td>1676</td>
</tr>
<tr>
<td>Compression (P₃)</td>
<td>1676</td>
</tr>
</tbody>
</table>

1. LSD design values are for metal hinge plates installed in pairs.
2. Nailed end of ASHPN is installed using 0.148" x 1 1/2" nails.
Latest Truss Plates

Hinge-plate on each face

ASHPN

Hinge-plate on each face

ASHP

2x4 top chord

Max. 120°

2x6 top chord

One-half chord width

2x4 web

Hinge-plate on each face

ASHP

Hinge-plate on each face

ASHP