**ONE PIECE HEADER FRAMING SYSTEM**

The Titan one piece wide flange header and jamb offers a better solution for framing multiple openings than the conventional lay-in or boxed headers.

**SYSTEM ADVANTAGES:**
- Saves over 50% in installation and material over conventional framing
- Substantial reduction in number of screws needed over conventional framing.
- No more built-up jamb and headers.
- Header quickly attaches to jamb with fully tested, pre-drilled Titan Header Clip.

**MATERIAL SPECIFICATIONS:**
- ASTM 1003, Grade 50

**PRODUCT AVAILABILITY:**
- Titan Header & Jamb
  - **Sizes:** 3-5/8" 4", 6", 8" x 2-1/2" 3"  
  - **Thickness:** 54 miles (16ga) 50KSI  
  - 68 miles (14ga) 50KSI  
  - 97 miles (12ga) 50KSI

**TITAN HEADER CLIP**
- **Sizes:** 3-5/8", 6", 8" x 2-1/4"  
- **Thickness:** 68 miles (14ga) 50KSI

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### Table: Physical Properties

<table>
<thead>
<tr>
<th>Section</th>
<th>Thickness (in)</th>
<th>Weights</th>
<th>WT (lb)</th>
<th>Weight (lb/in)</th>
<th>WT (lb/in^2)</th>
<th>Max (kips)</th>
<th>Min (kips)</th>
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<th>Min (lbs)</th>
<th>Max (psf)</th>
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</thead>
<tbody>
<tr>
<td>362TH300-54</td>
<td>0.056</td>
<td>0.875</td>
<td>50</td>
<td>0.516</td>
<td>1.917</td>
<td>1.242</td>
<td>0.665</td>
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</tr>
</tbody>
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### Table: Effective Properties

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### Table: Gross Properties

<table>
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<th>WT (lb/in^2)</th>
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</tr>
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### Table: TITAN HEADER CLIP (THC) ALLOWABLE VERTICAL AND HORIZONTAL LOADS

<table>
<thead>
<tr>
<th>Header Size</th>
<th>Web Depth (in)</th>
<th>Flange Width (in)</th>
<th>Vertical Load (kips)</th>
<th>Horizontal Load (kips)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-5/8&quot;</td>
<td>0.0066</td>
<td>2.952</td>
<td>0.807</td>
<td>2.164</td>
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<td>5&quot;</td>
<td>0.0066</td>
<td>5.189</td>
<td>14.913</td>
<td>3.728</td>
</tr>
</tbody>
</table>

1. Section properties are based on AS15-5100 with Supplement S2-10 with U.S. provisions.
2. The structural properties are based on allowable strength design (ASD).
3. The structural properties are based on ASD.
4. The design loads are calculated based on the cold work of framing.
5. The tabulated gross properties are based on the full-unreduced cross section away from punch outs.
6. Safety factors are calculated in accordance with the provisions of Section F1 of AS15-5100 with the static parameters given in AC261.