<table>
<thead>
<tr>
<th>Screw Type</th>
<th>Southern Yellow Pine</th>
<th>Douglas Fir</th>
<th>Plywood</th>
<th>Chip Board</th>
<th>Particle Board</th>
<th>Redwood</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSTH-09300</td>
<td>1110 1-1/2&quot;</td>
<td>995 1-1/2&quot;</td>
<td>650 3/4&quot;</td>
<td>415 1&quot;</td>
<td>440 3/4&quot;</td>
<td>292.5 3/4&quot;</td>
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<tr>
<td>THBTX-09300</td>
<td>1375 1-1/2&quot;</td>
<td>1025 1-1/2&quot;</td>
<td>685 3/4&quot;</td>
<td>390 1&quot;</td>
<td>392.5 3/4&quot;</td>
<td>307.5 3/4&quot;</td>
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<tr>
<td>YTX-08212</td>
<td>1135 1-1/2&quot;</td>
<td>825 1-1/2&quot;</td>
<td>657 3/4&quot;</td>
<td>370 1&quot;</td>
<td>400 3/4&quot;</td>
<td>312.5 3/4&quot;</td>
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<tr>
<td>SCTX-089300</td>
<td>1250 1-1/2&quot;</td>
<td>767.5 1-1/2&quot;</td>
<td>512.6 3/4&quot;</td>
<td>500 1&quot;</td>
<td>432.5 3/4&quot;</td>
<td>362.5 3/4&quot;</td>
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<tr>
<td>CCTX-516400</td>
<td>1285 1-1/2&quot;</td>
<td>645 1-1/2&quot;</td>
<td>670 3/4&quot;</td>
<td>- 1&quot;</td>
<td>- 3/4&quot;</td>
<td>- 3/4&quot;</td>
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<tr>
<td>CCTX-516500</td>
<td>2275 1-1/2&quot;</td>
<td>735 1-1/2&quot;</td>
<td>590 3/4&quot;</td>
<td>- 1&quot;</td>
<td>- 3/4&quot;</td>
<td>- 3/4&quot;</td>
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<tr>
<td>YTX-15100</td>
<td>2000 1-1/2&quot;</td>
<td>862.5 1-1/2&quot;</td>
<td>630 3/4&quot;</td>
<td>630 1&quot;</td>
<td>445 3/4&quot;</td>
<td>200 3/4&quot;</td>
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</table>

**Screw Pull Through (LBS)**

<table>
<thead>
<tr>
<th>Screw Type</th>
<th>Specific Gravities</th>
</tr>
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<tbody>
<tr>
<td>CCTX-14400</td>
<td>1470 1790</td>
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<tr>
<td>TH6</td>
<td>1010 1195</td>
</tr>
<tr>
<td>CCTX-516400</td>
<td>1490 2015</td>
</tr>
<tr>
<td>THG5</td>
<td>1360 1615</td>
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<tr>
<td>CCTX-381000</td>
<td>1820 2405</td>
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**Screw Pull Out Force (LBS)**

<table>
<thead>
<tr>
<th>Screw Type</th>
<th>Specific Gravities</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCTX-14400</td>
<td>1562 1700</td>
</tr>
<tr>
<td>TH6</td>
<td>1562 1700</td>
</tr>
<tr>
<td>CCTX-516400</td>
<td>1415 1835</td>
</tr>
<tr>
<td>THG5</td>
<td>1415 1835</td>
</tr>
<tr>
<td>CCTX-381000</td>
<td>3393 3952</td>
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</tbody>
</table>

**Screw Type**

- SSTH-09300
- THBTX-09300
- YTX-08212
- SCTX-09300
- CCTX-516400
- CCTX-516500
- YTX-15100

**Screw Lap Shear (LBS)**

<table>
<thead>
<tr>
<th>Screw Type</th>
<th>Specific Gravities</th>
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</thead>
<tbody>
<tr>
<td>YTX-09300</td>
<td>491.314</td>
</tr>
<tr>
<td>THBTX-09212</td>
<td>123.455</td>
</tr>
<tr>
<td>HDY104</td>
<td>575.831</td>
</tr>
<tr>
<td>YTX-14600</td>
<td>803.61</td>
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<tr>
<td>YTX-15100</td>
<td>774.442</td>
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**Screw Shank Shear (LBS)**

<table>
<thead>
<tr>
<th>Screw Type</th>
<th>Specific Gravities</th>
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</thead>
<tbody>
<tr>
<td>TH6</td>
<td>1111.39</td>
</tr>
<tr>
<td>CCTX-387000</td>
<td>1073.292</td>
</tr>
<tr>
<td>CCTX-14400</td>
<td>1009.305</td>
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<td>YTX-14600</td>
<td>1053.125</td>
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<td>YTX-15100</td>
<td>1073.163</td>
</tr>
<tr>
<td>TH10</td>
<td>1156.88</td>
</tr>
</tbody>
</table>

**Screw Type**

- SSTX-09300
- THBTX-09212
- YTX-09300
- THBTX-09212
- HDY104
- CCTX-516400
- SCTX-09300
- SCTX-10300
- CCTX-381000

**Wood Key:**

- **SYP** Southern Yellow Pine
- **COM** Composite
- **WRC** Western Red Cedar

**Product Code Key:**

- **TH** Timber Hex
- **HDY** Heavy Duty Gold Star
- **SSTH** Silver Star 305 Stainless Trim Head
- **THBTX** Bronze Star Trim Head
- **YTX** Gold Star Standard (Same values for BTX)
- **SSTX** Silver Star 305 Stainless Standard
- **CCTX** Bronze Star Construction Lag Screws
- **CD** Composite Deck Coated
- **SSCD** Composite Deck 305 Stainless Steel

Here at Screw Products, Inc. we provide the most useful, reliable, and quality fasteners in the world today. The charts you see are from 3rd Party Independent ISO Certified Labs For more info on these tests, or a copy of the complete report, please call us Toll Free at (877) 844-8880 today.

Screws that share the same diameter and metal type will have equal values to those tested.

For Example: SSTX-09212 (9x2-1/2") will share the same values as our SSTX-09300 (9x3")