

<b>PROPERTIES OF STRUCTURAL LUMBER - Sectional</b>				
<b>Properties of Standard Dressed (S4S) Lumber Sizes</b>				
<b>Nominal Size (b x d), inches</b>	<b>Standard Dressed Size (b x d), inches</b>	<b>Area of Section, A ( sq. inches)</b>	<b>Moment of Inertia, I (inch<sup>4</sup>)</b>	<b>Section Modulus, S (inch<sup>3</sup>)</b>
<b>2x4</b>	1.5x3.5	5.25	5.359	3.063
<b>2x6</b>	1.5x5.5	8.25	20.797	7.563
<b>2x8</b>	1.5x7.25	10.875	47.635	13.141
<b>2x10</b>	1.5x9.25	13.875	98.932	21.391
<b>2x12</b>	1.5x11.25	16.875	177.979	31.641
<b>2x14</b>	1.5x13.25	19.875	290.775	43.891
<b>3x4</b>	2.5x3.5	8.75	8.932	5.104
<b>3x6</b>	2.5x5.5	13.75	34.661	12.604
<b>3x8</b>	2.5x7.25	18.125	79.391	21.901
<b>3x10</b>	2.5x9.25	23.125	164.886	35.651
<b>3x12</b>	2.5x11.25	28.125	296.631	52.734
<b>4x4</b>	3.5x3.5	12.25	12.505	7.146
<b>4x6</b>	3.5x5.5	19.25	48.526	17.646
<b>4x8</b>	3.5x7.25	25.375	111.148	30.661
<b>4x10</b>	3.5x9.25	32.375	230.840	49.911
<b>4x12</b>	3.5x11.25	39.375	415.283	73.828
<b>4x14</b>	3.5x13.5	47.25	717.609	106.313
<b>6x4</b>	5.5x3.5	19.25	19.651	11.229
<b>6x6</b>	5.5x5.5	30.25	76.255	27.729
<b>6x8</b>	5.5x7.5	41.25	193.359	51.563
<b>6x10</b>	5.5x9.5	52.25	392.963	82.729
<b>6x12</b>	5.5x11.5	63.25	697.068	121.229
<b>6x14</b>	5.5x13.5	74.25	1127.672	167.063
<b>6x18</b>	5.5x17.5	96.25	2456.380	280.729
<b>8x4</b>	7.25x3.5	25.375	25.904	14.802
<b>8x6</b>	7.5x5.5	41.25	103.984	37.813
<b>8x8</b>	7.5x7.5	56.25	263.672	79.313
<b>8x10</b>	7.5x9.5	71.25	535.859	112.813
<b>8x12</b>	7.5x11.5	86.25	950.547	165.313
<b>8x14</b>	7.5x13.5	101.25	1537.734	227.813
Nominal Size (b x d), inches	Standard Dressed Size (b x d), inches	Area of Section, A ( sq. inches)	Moment of Inertia, I (inch <sup>4</sup> )	Section Modulus, S (inch <sup>3</sup> )