

SECTION PROPERTIES
OF PLANKS

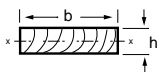


Table 11

Nominal Size in Inches $b \times h$	Surfaced Size for Design in Inches $b \times h$	Area (A) $A = bh$ (in ²)	Section Modulus (S) $S = \frac{bh^2}{6}$ (in ³)	Moment of Inertia (I) $I = \frac{bh^3}{12}$ (in ⁴)	Board Feet per Lineal Foot of Piece
3 × 2	2.5 × 1.5	3.75	0.938	0.703	0.50
4 × 2	3.5 × 1.5	5.25	1.312	0.984	0.67
6 × 2	5.5 × 1.5	8.25	2.062	1.547	1.00
8 × 2	7.25 × 1.5	10.88	2.719	2.039	1.33
10 × 2	9.25 × 1.5	13.88	3.469	2.602	1.67
12 × 2	11.25 × 1.5	16.88	4.219	3.164	2.00
4 × 3	3.5 × 2.5	8.75	3.646	4.557	1.00
6 × 3	5.5 × 2.5	13.75	5.729	7.161	1.50
8 × 3	7.25 × 2.5	18.12	7.552	9.440	2.00
10 × 3	9.25 × 2.5	23.12	9.635	12.044	2.50
12 × 3	11.25 × 2.5	28.12	11.719	14.648	3.00
14 × 3	13.25 × 2.5	33.12	13.802	17.253	3.50
16 × 3	15.25 × 2.5	38.12	15.885	19.857	4.00
6 × 4	5.5 × 3.5	19.25	11.229	19.651	2.00
8 × 4	7.25 × 3.5	25.38	14.802	25.904	2.67
10 × 4	9.25 × 3.5	32.38	18.885	33.049	3.33
12 × 4	11.25 × 3.5	39.38	22.969	40.195	4.00
14 × 4	13.25 × 3.5	46.38	27.052	47.341	4.67
16 × 4	15.25 × 3.5	53.38	31.135	54.487	5.33

SECTION PROPERTIES
OF DECKING (per foot of width)

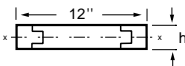


Table 12

Nominal Size in Inches h	Surfaced Size for Design in Inches $b \times h$	Area (A) $A = bh$ (in ²)	Section Modulus (S) $S = \frac{bh^2}{6}$ (in ³)	Moment of Inertia (I) $I = \frac{bh^3}{12}$ (in ⁴)	Board Feet per Lineal Foot of Piece
2	12 × 1.5	18.00	4.50	3.375	2.00
3	12 × 2.5	30.00	12.50	15.625	3.00
4	12 × 3.5	42.00	24.50	42.875	4.00