TABLE XXIX.

TABLE OF LENGTHS OF LATTICE OR LACING BARS.

Weight per foot of same, and weight of rivet-heads.

Approximate Lengths, in Feet, between Centres of Rivets.

	4″	4½″	5″	5½″	6″	6½″	7″	7½″	8″	8½″	9″	9½″	10″	10½″	11″	11½″	12″	12½″	13″	13½″	14″	14½″	15″	15½″	16″	16½″	17″	17½″	18″	18½″	19″	19½″	20″	20½″	21″	21½″	22″	
4″	0.468	0.500	0.534	0.563	0.599	0.636	0.669	0.706	0.741																												4″
4½″	0.500	0.530	0.560	0.591	0.627	0.660	0.695	0.730	0.766	0.802	0.843																										4½″
5″	0.534	0.560	0.591	0.621	0.652	0.684	0.719	0.751	0.787	0.824	0.861	0.897	0.934																								5″
5½″	0.563	0.591	0.621	0.650	0.679	0.711	0.745	0.776	0.809	0.844	0.880	0.916	0.952	0.990	1.027																						5½″
6″	0.599	0.627	0.652	0.679	0.709	0.737	0.770	0.801	0.835	0.868	0.904	0.936	0.974	1.009	1.045	1.081	1.119																				6″
6½″	0.636	0.660	0.684	0.711	0.737	0.768	0.797	0.829	0.860	0.890	0.929	0.960	0.996	1.031	1.065	1.104	1.138	1.175	1.214																		6½″
7″	0.669	0.695	0.719	0.745	0.770	0.797	0.827	0.857	0.886	0.920	0.951	0.985	1.019	1.052	1.086	1.122	1.157	1.195	1.230	1.269	1.307																7″
7½″	0.706	0.730	0.751	0.776	0.801	0.829	0.857	0.884	0.916	0.945	0.979	1.012	1.043	1.074	1.110	1.145	1.180	1.218	1.250	1.289	1.327	1.364	1.399														7½″
8″	0.741	0.766	0.787	0.809	0.835	0.860	0.886	0.916	0.943	0.972	1.004	1.038	1.067	1.102	1.135	1.169	1.204	1.238	1.274	1.309	1.347	1.383	1.420	1.456	1.494												8″
8½″		0.802	0.824	0.844	0.868	0.890	0.920	0.945	0.972	1.002	1.034	1.063	1.094	1.128	1.160	1.194	1.226	1.261	1.295	1.332	1.367	1.402	1.440	1.475	1.514	1.548	1.587										8½″
9″		0.843	0.861	0.880	0.904	0.929	0.951	0.979	1.004	1.034	1.061	1.090	1.123	1.153	1.187	1.219	1.252	1.284	1.320	1.353	1.388	1.426	1.461	1.495	1.531	1.567	1.602	1.640	1.678								9″
9½″			0.897	0.916	0.936	0.960	0.985	1.012	1.038	1.063	1.090	1.121	1.150	1.181	1.213	1.246	1.275	1.312	1.344	1.377	1.414	1.447	1.478	1.517	1.553	1.588	1.625	1.661	1.700	1.739	1.774						9½″
10″			0.934	0.952	0.974	0.996	1.019	1.043	1.067	1.094	1.123	1.150	1.180	1.210	1.242	1.270	1.306	1.338	1.369	1.404	1.428	1.459	1.494	1.527	1.559	1.596	1.630	1.680	1.704	1.739	1.776	1.814	1.850					10″
10½″				0.990	1.009	1.031	1.052	1.074	1.102	1.128	1.153	1.181	1.210	1.240	1.268	1.300	1.331	1.362	1.395	1.422	1.450	1.477	1.506	1.535	1.565	1.595	1.627	1.657	1.689	1.723	1.753	1.786	1.811	1.835	1.863	1.892	1.921	1.950	1.977	2.008	2.037	2.067	2.098	2.129	2.159	2.189	2.221	2.253	2.284	2.319	2.349	10½″
11″				1.027	1.045	1.065	1.086	1.110	1.135	1.160	1.187	1.213	1.242	1.268	1.298	1.329	1.357	1.388	1.419	1.448	1.476	1.506	1.536	1.565	1.595	1.623	1.652	1.681	1.714	1.745	1.776	1.811	1.842	1.876	1.911	1.944	1.978	2.013	2.048	2.083	2.120	2.153	2.187	2.219	2.249	2.280	2.313	2.343	2.374	11″
11½″					1.081	1.104	1.122	1.145	1.169	1.194	1.219	1.246	1.270	1.300	1.329	1.356	1.388	1.422	1.450	1.480	1.514	1.546	1.577	1.610	1.644	1.679	1.714	1.749	1.779	1.807	1.840	1.877	1.913	1.947	1.983	2.020	2.057	2.094	11½″
12″					1.119	1.138	1.157	1.180	1.204	1.226	1.252	1.275	1.306	1.331	1.357	1.388	1.419	1.448	1.477	1.509	1.540	1.572	1.604	1.637	1.670	1.704	1.738	1.771	1.807	1.840	1.877	1.913	1.947	1.983	2.020	2.057	2.094	12″
12½″						1.175	1.195	1.218	1.238	1.261	1.284	1.312	1.338	1.362	1.390	1.422	1.448	1.476	1.506	1.536	1.567	1.599	1.630	1.664	1.697	1.730	1.762	1.795	1.829	1.864	1.900	1.936	1.969	2.005	2.040	2.076	2.114	12½″
13″						1.214	1.230	1.250	1.274	1.295	1.320	1.344	1.369	1.395	1.422	1.450	1.477	1.506	1.535	1.565	1.595	1.627	1.657	1.689	1.723	1.753	1.786	1.821	1.852	1.887	1.923	1.956	1.990	2.026	2.060	2.099	2.134	13″
13½″							1.269	1.289	1.309	1.332	1.353	1.377	1.404	1.428	1.453	1.480	1.509	1.536	1.565	1.593	1.623	1.652	1.681	1.714	1.745	1.776	1.811	1.842	1.876	1.911	1.944	1.978	2.013	2.048	2.083	2.120	2.153	13½″
14″							1.307	1.327	1.347	1.367	1.388	1.414	1.437	1.459	1.485	1.514	1.540	1.567	1.595	1.623	1.650	1.680	1.710	1.742	1.771	1.805	1.835	1.869	1.902	1.935	1.969	2.003	2.037	2.071	2.106	2.140	2.178	14″
14½″								1.364	1.383	1.402	1.426	1.447	1.471	1.494	1.518	1.546	1.572	1.599	1.627	1.652	1.680	1.709	1.740	1.769	1.801	1.831	1.863	1.895	1.928	1.960	1.994	2.028	2.061	2.095	2.129	2.164	2.200	14½″
15″								1.399	1.420	1.440	1.458	1.478	1.502	1.527	1.550	1.577	1.604	1.630	1.657	1.681	1.710	1.740	1.770	1.800	1.830	1.861	1.892	1.925	1.956	1.988	2.022	2.053	2.089	2.122	2.155	2.189	2.225	15″
15½″									1.456	1.475	1.495	1.517	1.538	1.559	1.584	1.610	1.637	1.664	1.689	1.714	1.742	1.769	1.800	1.829	1.859	1.890	1.921	1.951	1.982	2.016	2.046	2.081	2.115	2.146	2.179	2.214	2.248	15½″
16″									1.494	1.514	1.531	1.553	1.572	1.596	1.619	1.644	1.670	1.697	1.723	1.745	1.771	1.801	1.830	1.859	1.889	1.920	1.950	1.980	2.013	2.042	2.077	2.109	2.140	2.172	2.206	2.240	2.273	16″
16½″										1.548	1.567	1.588	1.610	1.630	1.650	1.679	1.704	1.730	1.753	1.776	1.805	1.831	1.861	1.890	1.920	1.948	1.977	2.009	2.038	2.070	2.102	2.133	2.165	2.199	2.229	2.264	2.297	16½″
17″										1.587	1.602	1.625	1.644	1.667	1.689	1.714	1.738	1.762	1.786	1.811	1.835	1.863	1.892	1.921	1.950	1.977	2.008	2.037	2.068	2.100	2.131	2.161	2.192	2.224	2.257	2.288	2.324	17″
17½″											1.640	1.661	1.680	1.704	1.725	1.749	1.771	1.795	1.821	1.842	1.869	1.895	1.925	1.951	1.980	2.009	2.037	2.067	2.098	2.129	2.159	2.189	2.221	2.253	2.284	2.319	2.349	17½″
18″											1.678	1.700	1.720	1.739	1.759	1.779	1.807	1.829	1.852	1.876	1.902	1.928	1.956	1.982	2.013	2.038	2.068	2.098	2.127	2.156	2.187	2.219	2.249	2.280	2.313	2.343	2.374	18″
18½″												1.739	1.755	1.776	1.795	1.817	1.840	1.864	1.887	1.911	1.935	1.960	1.988	2.016	2.042	2.070	2.100	2.129	2.156	2.186	2.216	2.244	2.276	2.308	2.337	2.368	2.400	18½″
19″												1.774	1.793	1.814	1.833	1.851	1.877	1.900	1.923	1.944	1.969	1.994	2.022	2.046	2.077	2.102	2.131	2.159	2.187	2.216	2.244	2.273	2.304	2.334	2.364	2.396	2.428	19″
19½″													1.830	1.850	1.868	1.888	1.913	1.936	1.956	1.978	2.003	2.028	2.053	2.081	2.109	2.133	2.161	2.189	2.219	2.244	2.273	2.303	2.333	2.363	2.393	2.425	2.445	19½″
20″													1.867	1.886	1.905	1.926	1.947	1.969	1.990	2.013	2.037	2.061	2.089	2.115	2.140	2.165	2.192	2.221	2.249	2.276	2.304	2.333	2.362	2.392	2.423	2.452	2.482	20″
20½″														1.925	1.940	1.959	1.983	2.005	2.026	2.048	2.071	2.095	2.122	2.146	2.172	2.199	2.224	2.253	2.280	2.308	2.334	2.363	2.392	2.422	2.450	2.479	2.510	20½″
21″														1.959	1.977	1.996	2.020	2.040	2.060	2.083	2.106	2.129	2.155	2.179	2.206	2.229	2.257	2.284	2.313	2.337	2.364	2.393	2.423	2.450	2.478	2.509	2.543	21″
21½″															2.016	2.034	2.057	2.076	2.099	2.120	2.140	2.164	2.189	2.214	2.240	2.264	2.288	2.319	2.343	2.368	2.396	2.425	2.452	2.479	2.509	2.542	2.570	21½″
22″															2.051	2.070	2.094	2.114	2.134	2.153	2.178	2.200	2.225	2.248	2.273	2.297	2.324	2.349	2.374	2.400	2.428	2.455	2.482	2.510	2.543	2.570	2.596	22″
	4″	4½″	5″	5½″	6″	6½″	7″	7½″	8″	8½″	9″	9½″	10″	10½″	11″	11½″	12″	12½″	13″	13½″	14″	14½″	15″	15½″	16″	16½″	17″	17½″	18″	18½″	19″	19½″	20″	20½″	21″	21½″	22″	

Width, in inches.	Weight per foot, in pounds.			End allowance for one bar.	Rivet-Heads.	
	¼″	⅜″	½″		Diameter, in inches.	Weight of two heads, in pounds.
1½	1.25			0.145	½	0.08
1⅝	1.36			0.153	7/16	0.12
1¾	1.46			0.161	⅝	0.16
1⅞	1.57	1.95		0.180	11/16	0.20
2	1.67	2.08		0.188	¾	0.25
2⅛	1.78	2.21		0.197	13/16	0.32
2¼	1.88	2.34		0.215	⅞	0.40
2⅜		2.47	2.97	0.223	15/16	0.47
2½		2.60	3.13	0.231	1	0.55
2⅝		2.73	3.29	0.250		
2¾		2.86	3.44	0.258		
2⅞		3.00	3.60	0.266		
3		3.13	3.75	0.274		
3⅛		3.26	3.91	0.282		
3¼		3.39	4.06	0.291		
3⅜			4.22	0.299		
3½			4.38	0.307		
3⅝			4.54	0.315		
3¾			4.69	0.323		
3⅞			4.85	0.332		
4			5.00	0.340		
4⅛			5.16	0.348		