

Areas, Weights, and Spacing of Rods. Square Rods.

Side of Sq. Bar in.	Perimeter in inches.	Sect. Area in square inches.	Weight in lb./ft.	Area of Steel per foot width of Slab in square inches.															
				Distance apart of Rods in inches.															
				3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1/4	1.00	0.063	0.213	0.252	0.189	0.151	0.126	0.107	0.0945	0.084	0.075	0.068	0.063	0.058	0.053	0.050	0.047	0.044	0.041
5/16	1.25	0.098	0.332	0.392	0.294	0.235	0.196	0.167	0.147	0.130	0.117	0.106	0.098	0.090	0.083	0.078	0.073	0.069	0.065
3/8	1.50	0.141	0.478	0.564	0.423	0.338	0.282	0.241	0.211	0.188	0.169	0.153	0.141	0.130	0.120	0.112	0.105	0.099	0.094
7/16	1.75	0.192	0.651	0.768	0.576	0.460	0.384	0.328	0.288	0.256	0.230	0.209	0.192	0.177	0.164	0.153	0.144	0.135	0.128
1/2	2.00	0.250	0.849	1.000	7.500	0.600	0.500	0.427	0.375	0.333	0.300	0.272	0.250	0.230	0.213	0.200	0.187	0.176	0.166
9/16	2.25	0.317	1.076	1.268	0.951	0.760	0.634	0.542	0.475	0.422	0.380	0.345	0.317	0.292	0.276	0.253	0.237	0.223	0.211
5/8	2.50	0.392	1.328	1.568	1.176	0.940	0.784	0.670	0.588	0.522	0.470	0.427	0.392	0.361	0.335	0.313	0.294	0.276	0.261
11/16	2.75	0.474	1.607	1.896	1.422	1.137	0.948	0.810	0.711	0.632	0.568	0.516	0.474	0.437	0.405	0.379	0.355	0.334	0.316
3/4	3.00	0.564	1.912	2.256	1.692	1.353	1.128	0.964	0.841	0.752	0.676	0.614	0.564	0.520	0.482	0.451	0.420	0.397	0.376
13/16	3.25	0.661	2.245	2.644	1.983	1.586	1.322	1.130	0.991	0.881	0.793	0.720	0.661	0.610	0.565	0.528	0.495	0.466	0.440
7/8	3.50	0.767	2.603	3.068	2.301	1.840	1.534	1.311	1.150	1.022	0.920	0.836	0.767	0.707	0.655	0.613	0.575	0.5407	0.511
15/16	3.75	0.881	2.988	3.524	2.643	2.114	1.762	1.506	1.321	1.171	1.032	0.960	0.881	0.813	0.753	0.704	0.660	0.6211	0.570
1	4.00	1.000	3.400	4.000	3.000	2.400	2.000	1.71	1.5	1.333	1.200	1.090	1.00	0.923	0.855	0.800	0.750	0.705	0.666
1 1/8	4.50	1.266	4.303	5.064	3.798	3.038	2.532	2.1648	1.899	1.688	1.519	1.379	1.266	1.168	1.082	1.012	0.949	0.892	0.844
1 1/4	5.00	1.575	5.312	6.300	4.725	3.780	3.150	2.6932	2.362	2.100	1.890	1.716	1.575	1.453	1.346	1.260	1.181	1.110	1.05
1 3/8	5.50	1.905	6.428	7.620	5.715	4.572	3.810	3.257	2.857	2.540	2.286	2.076	1.905	1.758	1.628	1.524	1.428	1.343	1.27
1 1/2	6.00	2.253	7.650	9.012	6.759	5.407	4.506	3.852	3.379	3.004	2.703	2.455	2.253	2.079	1.926	1.802	1.689	1.588	1.493