



Perryman Company

Weight Table – Round & Square Bar

Weights represented are based on the density of Grade 6Al-4V which is equal to .163 pounds per cubic inch)

POUNDS PER LINEAR FOOT			POUNDS PER LINEAR FOOT			POUNDS PER LINEAR FOOT		
SIZE:			SIZE:			SIZE:		
Inches	ROUNDS	SQUARES	Inches	ROUNDS	SQUARES	Inches	ROUNDS	SQUARES
5/16	0.150	0.192	2 11/16	11.096	14.127	6	55.304	70.416
3/8	0.216	0.276	2 3/4	11.618	14.792	6 1/8	57.634	73.380
7/16	0.294	0.375	2 13/16	12.152	15.471	6 1/4	60.010	76.406
1/2	0.384	0.489	2 7/8	12.698	16.167	6 3/8	62.434	79.493
9/16	0.487	0.619	2 15/16	13.255	16.877	6 1/2	64.906	82.641
5/8	0.600	0.764	3	13.826	17.604	6 5/8	67.427	85.850
11/16	0.726	0.924	3 1/16	14.408	18.345	6 3/4	69.995	89.120
3/4	0.864	1.100	3 1/8	15.002	19.101	6 7/8	72.611	92.451
13/16	1.015	1.291	3 3/16	15.608	19.873	7	75.275	95.844
7/8	1.177	1.497	3 1/4	16.226	20.660	7 1/8	77.988	99.298
15/16	1.351	1.719	3 5/16	16.857	21.462	7 1/4	80.478	102.812
1	1.536	1.956	3 3/8	17.499	22.280	7 3/8	83.556	106.388
1 1/16	1.734	2.207	3 7/16	18.153	23.113	7 1/2	86.412	110.025
1 1/8	1.944	2.476	3 1/2	18.819	23.961	7 5/8	89.317	113.723
1 3/16	2.166	2.759	3 9/16	19.498	24.824	7 3/4	92.269	117.482
1 1/4	2.400	3.056	3 5/8	20.188	25.703	7 7/8	95.271	121.303
1 5/16	2.645	3.369	3 11/16	20.890	26.596	8	98.318	125.184
1 3/8	2.904	3.699	3 3/4	21.604	27.506	8 1/8	101.360	127.150
1 7/16	3.175	4.042	3 13/16	22.330	28.430	8 1/4	104.560	133.130
1 1/2	3.456	4.401	3 7/8	23.067	29.370	8 3/8	107.736	137.194
1 9/16	3.750	4.775	3 15/16	23.817	30.324	8 1/2	110.993	141.321
1 5/8	4.056	5.165	4	24.579	31.296	8 5/8	114.264	145.509
1 11/16	4.374	5.570	4 1/8	26.140	33.283	8 3/4	117.618	149.756
1 3/4	4.705	5.990	4 1/4	27.748	35.330	8 7/8	120.984	154.065
1 13/16	5.047	6.425	4 3/8	29.404	37.440	9	124.435	158.436
1 7/8	5.400	6.876	4 1/2	31.108	39.609	9 1/4	131.443	167.360
1 15/16	5.766	7.342	4 9/16	31.974	40.716	9 1/2	138.645	176.529
2	6.144	7.824	4 5/8	32.861	41.840	10	153.622	195.600
2 1/16	6.534	8.320	4 3/4	34.662	44.132	10 1/2	169.370	215.649
2 1/8	6.937	8.832	4 7/8	36.509	46.485	11	185.885	236.676
2 3/16	7.350	9.359	5	38.406	48.900	11 1/2	203.150	258.681
2 1/4	7.777	9.902	5 1/8	40.350	51.376	12	221.224	281.664
2 5/16	8.215	10.460	5 1/4	42.343	53.912	12 1/2	240.021	305.625
2 3/8	8.665	11.034	5 3/8	44.384	56.510	13	259.620	330.564
2 7/16	9.128	11.621	5 1/2	46.471	59.168	13 1/2	279.962	356.481
2 1/2	9.601	12.225	5 5/8	48.607	61.888	14	301.087	383.376
2 9/16	10.087	12.844	5 3/4	50.791	64.670	14 1/2	322.994	411.249
2 5/8	10.585	13.478	5 7/8	53.025	67.512	15	346.645	440.100
						15 1/2	369.078	469.929