

Table M, Part 2
weight of balls, kilogrammed per 1000 balls
material density in grams per cubic inch

Nom Dia. mm	.101	.274	.277	.279	.283	.284	.286	.288	.301	.304	.306	.319	.540
.1/32	.002	.004	.004	.004	.005	.005	.005	.005	.005	.005	.005	.005	.009
1/16	.013	.035	.035	.036	.036	.036	.037	.037	.038	.039	.039	.041	.069
3/32	.044	.118	.120	.120	.122	.123	.123	.124	.130	.131	.132	.138	.233
1/8	.103	.280	.283	.285	.289	.290	.292	.295	.308	.311	.313	.326	.552
5/32	.202	.547	.553	.557	.565	.567	.571	.575	.601	.607	.611	.637	1.08
3/16	.349	.946	.956	.963	.977	.980	.987	.994	1.04	1.05	1.06	1.1	1.86
7/32	.554	1.5	1.52	1.53	1.55	1.56	1.57	1.58	1.65	1.67	1.68	1.75	2.96
1/4	.826	2.24	2.27	2.28	2.32	2.32	2.34	2.36	2.46	2.49	2.5	2.61	4.42
9/32	1.18	3.19	3.23	3.25	3.3	3.31	3.33	3.35	3.51	3.54	3.56	3.72	6.29
5/16	1.61	4.38	4.43	4.46	4.52	4.54	4.57	4.6	4.81	4.86	4.89	5.1	8.63
11/32	2.15	5.83	5.89	5.93	6.02	6.04	6.08	6.13	6.4	6.47	6.51	6.78	11.5
3/8	2.79	7.57	7.65	7.7	7.81	7.84	7.9	7.95	8.31	8.39	8.45	8.81	14.9
13/32	3.55	9.62	9.72	9.79	9.93	9.97	10	10.1	10.6	10.7	10.7	11.2	19
7/16	4.43	12.0	12.1	12.2	12.4	12.5	12.5	12.6	13.2	13.3	13.4	14.0	23.7
15/32	5.45	14.8	14.9	15.0	15.3	15.3	15.4	15.5	16.2	16.4	16.5	17.2	29.1
1/2	6.61	17.9	18.1	18.3	18.5	18.6	18.7	18.8	19.7	19.9	20	20.9	35.3
17/32	7.93	21.5	21.7	21.9	22.2	22.3	22.5	22.6	23.6	23.9	24	25	42.4
9/16	9.41	25.5	25.8	26	26.4	26.5	26.7	26.8	28	28.3	28.5	29.7	50.3
19/32	11.1	30	30.4	30.6	31	31.1	31.3	31.6	33	33.3	33.5	35	59.2
5/8	12.9	35	35.4	35.7	36.2	36.3	36.6	36.8	38.5	38.9	39.1	40.8	69
21/32	14.9	40.5	41	41.3	41.9	42	42.3	42.6	44.5	45	45.3	47.2	79.9
11/16	17.2	46.6	47.1	47.5	48.1	48.3	48.7	49	51.2	51.7	52.1	54.3	91.9
23/32	19.6	53.3	53.9	54.2	55	55.2	55.6	56	58.5	59.1	59.5	62	105
3/4	22.3	60.5	61.2	61.6	62.5	62.7	63.2	63.6	66.5	67.2	67.6	70.5	119
25/32	25.2	68.4	69.2	69.7	70.7	70.9	71.4	71.9	75.1	75.9	76.4	79.6	135
13/16	28.4	77	77.8	78.4	79.5	79.8	80.3	80.9	84.5	85.4	85.9	89.6	152
27/32	31.8	86.2	87.1	87.7	89	89.3	89.9	90.6	94.7	95.6	96.2	100	170
7/8	35.4	96.1	97.2	97.9	99.3	99.6	100	101	106	107	107	112	189
29/32	39.4	107	108	109	110	111	111	112	117	118	119	124	210
15/16	43.6	118	120	120	122	123	123	124	130	131	132	138	233
31/32	48.1	130	132	133	135	135	136	137	143	145	146	152	257
1	52.9	143	145	146	148	149	150	151	158	159	160	167	283
1-1/8	75.3	204	207	208	211	212	213	215	224	227	228	238	403
1-1/4	103	280	283	285	289	290	292	295	308	311	313	326	552
1-3/8	137	373	377	380	385	387	389	392	410	414	417	434	735
1-1/2	178	484	489	493	500	502	505	509	532	537	541	564	954
1-5/8	227	616	622	627	636	638	643	647	676	683	687	717	1210
1-3/4	283	769	777	783	794	797	803	808	845	853	859	895	1520
1-7/8	349	946	956	963	977	980	987	994	1040	1050	1060	1100	1860
2	423	1150	1160	1170	1190	1190	1200	1210	1260	1270	1280	1340	2260
2-1/8	507	1380	1390	1400	1420	1430	1440	1450	1510	1530	1540	1600	2710
2-1/4	602	1630	1650	1660	1690	1690	1710	1720	1800	1810	1820	1900	3220
2-3/8	708	1920	1940	1960	1990	1990	2010	2020	2110	2130	2150	2240	3790
2-1/2	826	2240	2270	2280	2320	2320	2340	2360	2460	2490	2500	2610	4420
2-5/8	957	2590	1620	2640	2680	2690	2710	2730	2850	2880	2900	3020	5110
2-3/4	1100	2980	3020	3040	3080	3090	3110	3140	3280	3310	3330	3470	5880
2-7/8	1260	3410	3450	3470	3520	3530	3560	3580	3750	3780	3810	3970	6720
3	1430	3870	3920	3940	4000	4010	4040	4070	4260	4300	4330	4510	7630
3-1/8	1610	4380	4430	4460	4520	4540	4570	4600	4810	4860	4890	5100	8630
3-1/4	1820	4920	4980	5010	5090	5100	5140	5180	5410	5460	5500	5730	9710
3-3/8	2030	5520	5580	5620	5700	5720	5760	5800	6060	6120	6160	6420	10900
3-1/2	2270	6150	6220	6260	6350	6380	6420	6470	6760	6820	6870	7160	12100
3-5/8	2520	6830	6910	6960	7060	7080	7130	7180	7510	7580	7630	7960	13500
3-3/4	2790	7570	7650	7700	7810	7840	7900	7950	8310	8390	8450	8810	14900
3-7/8	3080	8350	8440	8500	8620	8650	8710	8770	9170	9260	9320	9720	16500
4	3380	9180	9280	9350	9480	9520	9580	9650	10100	10200	10300	10700	18100
4-1/8	3710	10100	10200	10300	10400	10400	10500	10600	11100	11200	11200	11700	19800
4-1/4	4060	11000	11100	11200	11400	11400	11500	11600	12100	12200	12300	12800	21700
4-3/8	4430	1200	12100	12200	12400	12500	12500	12600	13200	13300	13400	14000	23700
4-1/2	4820	13100	13200	13300	13500	13600	13700	14000	14400	14500	14600	15200	25800

For density of ball materials see table K