

American Balance Staff Dimensions

Column:	1	2	3	4	5	6	7	8	
Make	Size	Length	B - h	Bal	HS	Roller	Hub	Factory #	Remarks
Columbus	18	5.67		1.34	.81	.76	1.17	-	
Columbus	18	5.83		1.38	.80	.75	1.25	12/3	SC
Columbus	18	5.80		1.40	1.00	.75	1.25	?	LC
Columbus	16	5.80		1.40	.85	.77	.57	212	
Columbus	6	4.55		1.26	.76	.76	.36	408	
Elgin	37/16	5.32	274	1.10	.81	.60	.53	861	NS SR or CDR
Elgin	37/16	5.32	276	1.10	.81	.60	.53	861C	NS SR or CDR, OG, Pvt 10-12
Elgin	22	4.15	211	1.13	.83	.53	.53	5954	Tank clock
Elgin	18	5.97		1.30	.97	.60	1.28	857	SR, OS SH, Pvt 13-14
Elgin	18	5.97		1.30	.97	.60	1.51	857	SR, OS LH, Pvt 13-14
Elgin	18	6.10	386	1.30	.97	.60	1.28	857	SR, NS SH, Pvt 11-15
Elgin	18	6.10	387	1.30	.97	.60	1.51	857	SR, NS LH, Pvt 11-15
Elgin	18	6.10	386	1.30	.97	.60	1.51	857C	SR, NS LH, OG, Pvt 11-12
Elgin	18	6.10	385	1.30	.81	1.20/.60	1.28	2516C	DR FP, OG, Pvt 11-13
Elgin	18	6.50	313	1.30	.81	1.20/.60	.65	1901C	DR 3/4P, OG, Pvt 11-13
Elgin	18	6.50	312	1.30	.81	.60	.90	1902C	DR 3/4P, OG, Pvt 11-13
Elgin	17	7.80		1.30	.98	.65	2.40	860	SR
Elgin	16	5.20	287	1.10	.81	.60	.55	861	OS SR or CDR, Pvt 10-13
Elgin	16	5.32	385	1.10	.81	1.20/.60	.40	2532C	DR OG, Pvt 10-12
Elgin	16	5.32		.75	.43	.62	.65	5956	CDR, Timer, Pvt 14
Elgin	16	5.35	275	1.13	.83	.62	.57	5967	CDR SB, G594, Pvt 11
Elgin	16	5.35	275	1.13	.83	.62	.57	5968	CDR SB, G582, Pvt 14
Elgin	16	5.90	316	1.10	.79	1.14/.60	.62	6166C	DR OG, G571, Pvt 11
Elgin	16	5.88	316	1.12	.82	.61	.62	6167	CDR, G572-575
Elgin	12	4.16	227	1.11	.81	.55	.35	1905	SR SH, Pvt 10-12
Elgin	12	4.16	227	1.11	.81	.55	.55	1905	SR SH, Pvt 10-13
Elgin	12	4.16	214	1.11	.81	.55	.47	2802	CDR, Pvt 9-12
Elgin	12	3.65	213	1.11	.81	.85/.50	.50	4191C	DR OG, Pvt 8-10
Elgin	12	3.65	213	1.11	.81	.55	.47	4177	CDR, Pvt 10-12
Elgin	12	4.33	224	1.11	.81	.85/.50	.58	2660C	DR OG, Pvt 10-11
Elgin	12	3.75		1.11	.81	.56	.52	2773C	CDR OG, Pvt 10
Elgin	12	3.75		1.11	.81	.85/.60	.50	4006C	DR OG, Pvt 10
Elgin	12	4.06	215	1.11	.81	.55	.50	5317C	CDR OG, G495, Pvt 10
Elgin	12	2.67	208	1.11	.66	.75/.37	.26	4339C	DR OG, Pvt 8
Elgin	10	3.80		1.12	.81	.52	.45	5788	CDR, G542, 543, 546
Elgin	10	4.90		1.15	.81	.53	.43	867	Lady Elgin, Dexter St, Pvt 12
Elgin	6	4.43	233	1.12	.82	.53	.35	868	OS, Pvt 10-11
Elgin	6	4.32	219	1.11	.81	.55	.32	868	NS, Pvt 10-11
Elgin	0/000	3.70	193	.91	.67	.43	.24	869	SR or CDR, Pvt 8-10
Elgin	0	3.86	179	.91	.67	.43	.21	1731	SR OS, Pvt 8-10
Hampden	18	5.83	366	1.27	1.00	.77	1.27	1720	OS LC
Hampden	18	5.83	362	1.27	.77	.70	1.23	1721	NS SC
Hampden	18	5.85	359	1.27	.77	.71	1.03	1722	DR
Hampden	16	5.60	320	1.27	.76	.71	.65	2720	OS, 3/4 PI, M1890
Hampden	16	5.13	296	1.27	.75	.71	.57	3720	NS, 3/4 PI, M1902
Hampden	12	4.80	218	1.20	.76	.60	.47	6720	OS, 3/4 PI
Hampden	12	4.67	233	1.22	.76	.57	.43	7720	NS, M1910
Hampden	12	3.33	133	F	.74	.57	F	12720	Friction, Paul Revere
Hampden	6	4.40	228	1.22	.75	.60	.34	8720	
Hampden	000	3.95	192	1.00	.66	.57	..37	9720	OM, Non exposed winding
Hampden	000	3.64	178	1.00	.66	.57	..32	10721	OM, Exposed winding
Hamilton	35	7.70		-	-	-	-	37112	Pvt 12
Hamilton	18	5.82	341	1.28	.97	1.12/.71	.87	126	DR LC, Pvt 10
Hamilton	18	5.82	345	1.28	.77	1.12/.71	.87	126	DR SC, Pvt 11-12
Hamilton	18	5.44	304	1.28	.97	.71	.87	127	SR LC, Pvt 10
Hamilton	18	5.44	305	1.28	.77	.71	.87	127	SR SC, Pvt 11-12
Hamilton	16	5.30	310	1.28	.97	1.12/.71	.58	434	DR LC, Pvt 10
Hamilton	16	5.30	307	1.28	.77	1.12/.71	.58	434	DR SC, Pvt 11-12
Hamilton	16	5.30	310	1.28	.97	.71	.56	435	SR LC, Pvt 10
Hamilton	16	5.30	306	1.28	.77	.71	.56	435	SR SC, Pvt 11-12
Hamilton	16	5.34	248	F	.77	1.10/.71	F	603	DR FS, G950E, 992E Pvt 11-12

American Balance Staff Dimensions

Column:	1	2	3	4	5	6	7	8	
Make	Size	Length	B - h	Bal	HS	Roller	Hub	Factory #	Remarks
Hamilton	16	5.70	249	F	.77	1.10/.71	F	659	DR FL, G950E, 992E Pvt 11
Hamilton	12	4.26	220	1.00	.75	.66	.25	1250	SR, G900, 910, 914, 920, Pvt 9-10
Hamilton	12	4.26	220	1.00	.75	.98/.64	.25	1250A	DR, G900, 910, 914, 920, Pvt 9-10
Hamilton	12	3.90	206	1.00	.75	.98/.65	.28	3050A	DR, G902,904,912,916,918,922 Pvt 9-10
Hamilton	12	3.30	170	1.12	.52	.58	.27	3350	CDR, G400, Pvt 8.5
Hamilton	10	3.75		F	.61	.60	F	6027	SR F, G917, 921, 923, Pvt 9
Hamilton	10	3.63	155	F	.63	.62	F	6027S	SR F, G923, Pvt 9
Hamilton	0	3.96	219	.91	.60	.47	.27	1544	SR, Pvt 9
Howard	18	5.22	269	1.50	.70	.65	.48	76	Long
Howard	18	4.85		1.50	.70	.65	.48	75	Short
Howard	16	5.42	240	F	.60	1.05/.65	F	338	DR, Friction
Howard	16	5.43	282	131	95	1.04		340	SR
Howard	16	5.45	290	1.30	.95	.66	.46	341	SR
Howard	12	4.00	187	F	.45	.76/.50	F	560	DR, Friction
Howard	12	4.00	219	1.20	.73	.78/.50	.33	561	DR
Howard	10	3.55	158	F	.46	.70/.42	F	799	DR, Friction
Illinois	18	6.00	385	1.27	.75	1.10/.65	1.07	60/47601	DR SC, HM5, Pvt 12
Illinois	18	6.00	387	1.28	.95	.61	1.35	79/47602	SR LC, HM1-3 & 5, Pvt 11.5-12
Illinois	18	5.75	367	1.28	.95	.61	1.35	19/47632	SR LC, HM4 & 6, Pvt 11-12
Illinois	18	6.00	354	1.28	.75	.61	1.35	1280/47603	SR SC, HM5, Pvt 12
Illinois	18	5.90	367	1.28	.75	1.12/.58	1.05	599/47604	DR SC, OM6, Pvt 11-12
Illinois	18	5.75	350	1.28	.75	.61	1.35	1281/47605	SR SC, OM6, Pvt 11-12
Illinois	16	5.30	278	1.26	.76	.61	.44	662/47606	SR SC, OM4-9, Pvt 11-12
Illinois	16	5.32	278	1.27	.76	1.12/.58	.44	1506/47633	DR SC, H&OM6-9 & 11-15,Pvt 10.5-11.5
Illinois	16	5.04	273	1.26	.76	1.11/.58	.44	1684/47608	DR SC, OM10, Pvt 11-11.5, Thin
Illinois	16	5.30	279	1.26	.95	.61	.45	114/47609	SR LC, H&OM4-5, Pvt 12
Illinois	14/16	5.60		1.26	.76	.61	.58	335/47610	SR SC, H&OM1-3, Pvt 10
Illinois	12/13	3.20		-	-	-	-	1763-1/47611	DR SC, OM1, Pvt 8, Thin
Illinois	12	3.30	166	1.12	.52	.58	.32	1763-2/47612	CDR SC, OM1-3, Pvt 8.5-9, Thin
Illinois	12	4.20	210	1.11	.76	.50	.39	836/47613	SR SC, H&OM1-4, Pvt 11-12
Illinois	12	4.27	220	1.11	.76	.50	.36	871/47614	SR SC, H&OM1-4, Pvt 11-12
Illinois	12	4.42	233	1.11	.76	.90/.44	.40	1425-1/47615	DR SC, H&OM1-6, Pvt 9.5-10.5
Illinois	12	4.42	236	1.11	.76	.90/.44	.40	1425-2/47616	DR SC, OM1&3, Semi-F
Illinois	8	4.42		1.25	.94	.47	.42	272/47617	SR SC, HM1, Pvt 10
Illinois	8	4.52		1.12	.80	.50	.44	772/47618	SR SC, HM2, Pvt 10
Illinois	4/6	4.17		1.12	.80	.50	.40	158/47619	SR SC, HM1, Pvt 10
Illinois	0/000	3.92		.92	.67	.50	.36	957/47620	SR SC, H&OM1-4, Pvt 9-9.5
Illinois	000	3.92	210	.92	.65	.55	.44	989/47621	CDR SC, HM4, Pvt 9-9.5
NY Standard	18	6.70		1.47	.97	.68	1.70	404	FP
NY Standard	16	4.92	260	1.45	.90	1.40/.67	.52	1331	DR Crown
NY Standard	12	4.18		1.22	.75	1.27/.65	.57	1332	DR, Crown Model F
NY Standard	000	3.90		1.42	.55	1.02/.52	.60	1333	DR, Crown
NY Standard	000	4.04		1.65	.60	.61	.32	1335	DR, Crown
NY Standard	18	7.15		1.47	.92	.68	1.26	2196	FP M1
NY Standard	18	6.05		1.47	.92	.68	1.40	2197	FP
NY Standard	18	576	311	147	92	69	-	2198	SR
NY Standard	18	6.05		1.47	.92	.68	?	2199	SH
NY Standard	16	5.60	311	1.47	.92	.68	.62	3204	Model B, Square Shoulder
NY Standard	16	575	315	144	92	67		3204	Pvt14
NY Standard	16	576	311	147	92	69		3204	Pvt12
NY Standard	16	5.73	310	1.47	.92	.68	.55	3205	Tapered Shoulder
NY Standard	16	572	311	147	92	68		3205	Pvt12
NY Standard	16	572	310	147	92	68		3205	Pvt14
NY Standard	16	5.55		2.02	1.45	1.30/.68	.50	3206	DR , Dan Patch Chrono
NY Standard	12	438	221	122	76	70		4147	SR
NY Standard	12	4.45	231	1.20	.75	.68	.33	4148	Model B
NY Standard	6	468	287	122	77	69		5137	
NY Standard	6	4.70		1.20	.92	.68	.23	5138	LC
NY Standard	6	4.70		1.20	.75	.68	.23	5138	SC
NY Standard	0	3.90		1.00	.60	.58	.30	6135	
NY Standard	10	3.63	185	1.20	.76	1.50/.68	.15	7082	DR

American Balance Staff Dimensions

Column:	1	2	3	4	5	6	7	8	
Make	Size	Length	B - h	Bal	HS	Roller	Hub	Factory #	Remarks
Rockford	18	6.20	380	1.35	1.00	.64	1.20	340	SR FP
Rockford	18	6.15	387	1.40	1.00	.64	1.25	341	SR FP
Rockford	18	6.15		1.38	1.00	.64	.69	342	SR SH
Rockford	18	7.05		1.25	.92	.64	.75	343	SR LH
Rockford	18	7.05	392	1.25	.92	.64	.71	344	SR SH
Rockford	12	457	244	105	90	64		458	DR
Rockford	16	5.90	299	1.25	.84	.62	.47	519	SR
Rockford	16	557	303	126	90	63		520	
Rockford	6	-		-	-	-	-	521	
Rockford	18	6.35	374	1.25	.87	.64	.67	522	SR
Rockford	18	6.08	386	1.25	.87	.73	.60	585	SR
Rockford	18	618	386	123	87	74		585	
Rockford	18	613	389	125	93	73		585	
Rockford	16	5.60	301	1.25	.87	1.12/.68	.44	729	DR
Rockford	16	5.55	304	1.25	.87	.73	.46	739	SR
Rockford	18	6.10	380	1.25	.93	1.15/.70	.67	880	DR
Rockford	0	419	221	100	76	63		1078	
Rockford	12	4.60		1.04	.63	.90/.55	.42	61	DR
Rockford	0	4.15	221	1.00	.64	.73/.45	.35	4078	DR
Seth Thomas	18	5.85		1.28	1.02	.68	1.60	305	FP
Seth Thomas	18	5.87		1.28	1.02	.70	1.60	306	FP
Seth Thomas	18	5.75		1.28	1.02	.68	.42	703	Century Long
Seth Thomas	18	5.20		1.28	1.02	.68	.72	703	Century Short
Seth Thomas	16	4.65		1.15	.85	.68	.45	2704	Centennial
Seth Thomas	6/12	4.37		1.14	.82	.55	.42	1003	Centennial
Seth Thomas	0	3.80		1.07	.67	.54	.45	1404	
South Bend	18	5.82		1.41	.77	.64	1.21	89018	1109018/219018 LBS
South Bend	18	5.88	362	1.27	.77	.64	1.21	199018	299018/399018 SBS
South Bend	18	5.83		1.28	.75	1.10/.70	1.08	1119018	2119018/3119018 SR/DR
South Bend	16	5.48	298	1.43	.77	.64	.63	167018	LBS
South Bend	16	5.48		1.28	.77	.61	.61	199018	299018/399018 SBS
South Bend	16	5.70		1.27	.77	1.11/.70	.60	187018	287018/387018 SR/DR, Pvt 10-13
South Bend	12	3.88	232	1.17	.71	.80/.50	.50	115018	215018/315018 DR, Pvt 10-11
South Bend	6	4.50		1.28	.78	.75	.38	23018	SR
South Bend	0	3.62		.90	.63	.41	.27	122028	2220128/ SR
South Bend	0	3.87		1.00	.65	.76/.52	.32	1420128	242018 DR
US Watch Co.	18	6.15		1.30	1.00	.63	1.20	-	U.S. Waltham
US Watch Co.	16	-		-	-	-	-	-	Need data U.S. Waltham
US Watch Co.	6	-		-	-	-	-	-	U.S. Waltham
US Watch Co.	0	4.00		1.25	.85	.57	.30	-	U.S. Waltham
US Watch Co.	0	3.90		1.10	.65	.55	.20	-	U.S. Waltham
Waltham	37	6.00	345	1.24	.91	.60	1.01	28210	SBS, M1910, Pvt 12-13, 8 Day
Waltham	37	6.00		1.30	.91	.60	1.01	28210	MBS, M1910, Pvt 14, 8 Day
Waltham	37	6.00		1.45	.91	.60	1.01	28212	LBS, M1910, Pvt 13-14, 8 Day
Waltham	37	6.00		1.30	.70	.60	1.25	28213	MBS, M1910, Pvt 10, 8 Day
Waltham	37	6.00		1.30	.73	.60	1.00	28560	Tank/Aircraft/Watchman, 8 Day
Waltham	22	4.42	243	1.12	.73	.58	.45	22230	Aircraft/Watchman, 8 Day
Waltham	18	5.60		1.25	1.05	.61	.41	277	M1857, Series A, Sprung Over
Waltham	18	5.60		1.25	-	.61	1.03	278	M1857, Series A, Sprung Under
Waltham	18	5.70		1.25	1.60	.61	2.14	279	M1857, Series A, Sprung Under
Waltham	18	5.60		-	-	-	-	280	M1857, Series A, Sprung Over
Waltham	18	5.60		1.25	1.03	.60	1.25	281	M1857, Series A, Sprung Over
Waltham	18	6.50		1.30	.92	.60	1.34	450	Series B, Long
Waltham	18	5.85		1.25	.91	.60	1.36	450a	Series B, Short
Waltham	18	5.85	351	1.25	.92	.63	1.35	1364	LW, M1883, Series C-EB, Pvt 12-14
Waltham	18	5.85	349	1.25	.93	.62	1.35	1365	SW, M1883, Series C-EB, Pvt 12-14
Waltham	18	6.00	345	1.25	.91	.60	1.00	1703A	M1892, Pvt 10-12
Waltham	18	5.70	317	1.25	.91	.60	.70	1703	M1892, Pvt 11-12
Waltham	16	6.10	310	1.23	.91	.60	.80	4251/4252	SBS, M1868/1872
Waltham	16	6.10	309	1.30	.91	.60	.80	4253/4254	LBS, M1868/1872
Waltham	16	4.88	250	1.45	.92	.60	T	4430/4430A	4430-6, Timers

American Balance Staff Dimensions

Column:	1	2	3	4	5	6	7	8	
Make	Size	Length	B - h	Bal	HS	Roller	Hub	Factory #	Remarks
Waltham	16	5.85	290	1.25	.91	.60	.36	2844	M1888, Pvt 11-13
Waltham	16	5.40	240	F	.93	.60	F	4860	Square Hub, M1888, Pvt 12-14
Waltham	16	5.40	268	F	.93	.59	F	4861	Taper Hub, M1899, Pvt 10-12. Elec clk.
Waltham	14	6.25	346	1.25	.92	.60	.75	7354/7355	M1874/1884
Waltham	10/14	2.90	125	F	.72	.56	F	77677	Colonial, Pvt 10-11
Waltham	12	3.70	188	F	.72	.54	F	7865	M1924 Colonial, Pvt 9-11
Waltham	12	3.70	201	1.30	.71	.54	.48	7864	Premier/Colonial, Pvt 10
Waltham	12	4.55	221	F	.72	.55	F	8143	Taper Hub, Pvt 9-11
Waltham	6/8	4.73	260	1.24	.91	.57	.44	12318	M1873/1889
Waltham	6/12	4.55	241	1.00	.70	.55	.44	8142/13220	M1890/1894, Pvt 9-11
Waltham	10	4.65		1.24	.97	.59	.35	1970A	
Waltham	8	4.70	260	1.24	.92	.57	.43	12317	
Waltham	6	4.60	238	1.25	.81	.60	.46	13219	Pvt 10-11
Waltham	0	3.95		1.25	.71	.60	.32	19365	M1891, Large Shoulder Pvt 9-10
Waltham	0	3.95	201	1.02	.71	.55	.30	19369	M1891, Small Shoulder Pvt 9-11
Waltham	0	3.95	176	F	-	-	F	20207	M1900, Pvt 8-10
Waltham	0/000	3.95	200	F	.55	.42	F	20208	M1900/1907, Pvt 8-10

Abbreviations Used

Bal	Balance	MBS	Medium Balance Seat
CDR	Combination Double Roller	NS	New Style
DR	Double Roller	O	Open Face
F	Friction	OG	Oil Groove
FP	Full Plate	OS	Old Style
G	Grade	P	Plate
H	Hunter	Pvt	Pivot
HS	Hairspring	SB	Solid Balance
LBS	Large Balance Seat	SBS	Short Balance Seat
LC	Large Collet	SC	Small Collet
LH	Long Hub	SH	Short Hub
LW	Large Waist	SR	Single Roller
M	Model	SW	Small Waist