

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## JEWELS, BALANCE HOLE — Continued

W12208	.....	8 Day 37s	1910.....Lower Hole .13.....	28495
W12214	65	18	1883, .35 m/m Thick, Upper Hole .12.....	1474
W12215	66	18	1883, .35 m/m Thick, Upper Hole .13.....	1474
W12216	67	18	1883, .35 m/m Thick, Upper Hole .14.....	1474
W12217	68	18	1883, .35 m/m Thick, Upper Hole .15.....	1474
W12220	93	18	1892, .35 m/m Thick, Upper Hole .11.....	1784
W12221	94	18	1892, .35 m/m Thick, Upper Hole .12.....	1784
W12222	95	18	1892, .35 m/m Thick, Upper Hole .13.....	1784
W12234	69	18	1883, .22½ m/m Thick, Lower Hole .12....	1478-4947
W12235	70	18	1883, .22½ m/m Thick, Lower Hole .13....	1478-4947
W12236	71	18	1883, .22½ m/m Thick, Lower Hole .14....	1478-4947
W12237	72	18	1883, .22½ m/m Thick, Lower Hole .15....	1478-4947
W12242	96	18	1892, .22½ m/m Thick, Lower Hole .11.....	1785
W12243	97	18	1892, .22½ m/m Thick, Lower Hole .12.....	1785
W12244	98	18	1892, .22½ m/m Thick, Lower Hole .13.....	1785
W12256	57	16	1899-1908, .45 m/m Thick, Upper Hole .12....	4946
W12257	58	16	1899-1908, .45 m/m Thick, Upper Hole .13....	4946
W12258	59	16	1899-1908, .45 m/m Thick, Upper Hole .14....	4946
W12259	60	16	1899-1908, .45 m/m Thick, Upper Hole .15....	4946
W12261	61	16	1899-1908, .40 m/m Thick, Upper Hole .12....	4946
W12262	62	16	1899-1908, .40 m/m Thick, Upper Hole .13....	4946
W12263	63	16	1899-1908, .40 m/m Thick, Upper Hole .14....	4946
W12264	64	16	1899-1908, .40 m/m Thick, Upper Hole .15....	4946
W12265	99	16	1899-1908, R. R. Grade .40 m/m Thick, Upper Hole .11.....	4946
W12266	100	16	1899-1908, R. R. Grade .40 m/m Thick, Upper Hole .12.....	4946
W12267	101	16	1899-1908, R. R. Grade .40 m/m Thick, Upper Hole .13.....	4946
W12269	J78	16	Vang. 1944-1947-A Upper & Lower Hole .12½..	J78
W12205	J27	16	Vang. 1945-16A, -S.S.Deck.Up.&Lo.Hole.13½....	J27
W12234	69	16	1899-1908, .22½ m/m Thick, Lower Hole .12.....	1478-4947
W12235	70	16	1899-1908, .22½ m/m Thick, Lower Hole .13.....	1478-4947
W12236	71	16	1899-1908, .22½ m/m Thick, Lower Hole .14.....	1478-4947
W12204	J26	16	Timer.....Upper & Lower Hole .15¼.....	J26
W12281	102	14-10	Colonial A....Upper Hole .11.....	77765
W12284	78	14-12	Col. Ser.-1897-1894 .35 m/m Th., Up. Hole .10	8251
W12285	79	14-12	Col. Ser.-1897-1894 .35 m/m Th., Up. Hole .11	8251
W12286	80	14-12	Col. Ser.-1897-1894 .35 m/m Th., Up. Hole .12	8251
W12291	103	14-10	Colonial A....Lower Hole .11.....	77767
W12292	81	14-12	Col. Ser.-1897-1894, .20 m/m Thick, Lower Hole .08...20367-13273-19441-26170-27263	
W12293	82	14-12	Col. Ser.-1897-1894, .20 m/m Thick, Lower Hole .09...20367-13273-19441-26170-27263	
W12294	83	14-12	Col. Ser.-1897-1894, .20 m/m Thick, Lower Hole .10...8252-13273-20367-19441-26170-27263	
W12295	84	14-12	Col. Ser.-1897-1894, .20 m/m Thick, Lower Hole .11...8252-13273-20367-19441-26170-27263	
W12296	85	14-12	Col. Ser.-1897-1894, .20 m/m Thick, Lower Hole .12...8252-13273-20367-19441-26170-27263	
W12302	.....	12	Colonial 1924....Upper Hole .10.....	7977
W12303	.....	12	Colonial 1924....Upper Hole .11.....	7977
W12304	J21	12	Colonial 1924....Upper & Lower Hole .11¼....	J21
W12305	J22	12	Colonial R.....Upper Hole .11¼.....	J22
W12308	.....	12	Colonial 1924....Lower Hole .10.....	7978
W12309	.....	12	Colonial 1924....Lower Hole .11.....	7978
W12310	J79	12	Colonial R.....Lower Hole .11¼.....	J79
W12294	83	6-0	1890-1891, .20 m/m Thick, Lower Hole .10...8252-13273-20367-19441-26170-27363	

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## JEWELS, BALANCE HOLE — Continued

W12295	84	6-0	1890-1891, .20 m/m Thick, Lower Hole .11 ... 8252-13273-20367-19441-26170-27263	
W12296	85	6-0	1890-1891, .20 m/m Thick, Lower Hole .12 ... 8252-13273-20367-19441-26170-27263	
W12324	75	6-0	1890-1891, .40 m/m Thick, Upper Hole .10.....13270-19437	
W12325	76	6-0	1890-1891, .40 m/m Thick, Upper Hole .11.....13270-19437	
W12326	77	6-0	1890-1891, .40 m/m Thick, Upper Hole .12.....13270-19437	
W12331	.....	0-3/0	1900-1907, .35 m/m Thick, Upper Hole .08..... 20367-13273-19441-26170-27263	
W12332	86	0-3/0	1900-1907, .35 m/m Thick, Upper Hole .09....20363	
W12333	87	0-3/0	1900-1907, .35 m/m Thick, Upper Hole .10....20363	
W12324	88	0-3/0	1900-1907, .35 m/m Thick, Upper Hole .11....20363	
W12335	89	0-3/0	1900-1907, .25 m/m Thick, Upper Hole .10..0-20363	
W12336	90	0-3/0	1900-1907, .25 m/m Thick, Upper Hole .11..0-20363	
W12292	81	0-3/0	1900-1907, .20 m/m Thick, Lower Hole .08.....20367-13273-19441-26170-27263	
W12293	82	0-3/0	1900-1907, .20 m/m Thick, Lower Hole .09.....20367-13273-19441-26170-27263	
W12294	83	0-3/0	1900-1907, .20 m/m Thick, Lower Hole .10... 20367-8252-13273-19441-26170-27263	
W12295	84	0-3/0	1900-1907, .20 m/m Thick, Lower Hole .11...20367-8252-13273-19441-26170-27263	
W12354	91	6/0-10L	1898-1912.....Upper Hole .08.....26168-27260	
W12355	92	6/0-10L	1898-1912.....Upper Hole .09.....26168-27260	
W12356	J1	6/0	1942-6/0B-6/0B S. S. Upper & Lower Hole .08.. J1	
W12357	J20	6/0	6/0C-6/0D.....Upper & Lower Hole .09..... J20	
W12358	.....	6/0	6/0D.....Upper & Lower Hole .09.....26550	
W12292	81	6/0-10L	1898-1912, .20 m/m Thick, Lower Hole .08.....20367-13273-19441-26170-27263	
W12293	82	6/0-10L	1898-1912, .20 m/m Thick, Lower Hole .09.....20367-13273-19441-26170-27263	
W12356	J1	870-870R-750-750B-750D-679-678	.....Upper & Lower Hole .08..... J1	
W12380	73	7¼L	.....Upper & Lower Hole .09.....30850	
W12381	74	7¼L	.....Lower Hole .09.....30855	
W12385	J76	675	.....Upper & Lower Hole .07..... J76	
W12356	J1	670-650-450	.....Upper & Lower Hole .08..... J1	
W12388	104	650-450	.....Upper Hole Asst..... 6050	
W12389	105	650-450	.....Lower Hole Asst..... 6052	
W12397	106	400	.....Upper Hole Asst.....40050	
W12398	107	400	.....Lower Hole Asst.....40052	
W12356	J1	400	.....Upper & Lower Hole .08..... J1	

## JEWELS, CENTER

W12425	J18	8 Day 22s	(Aircraft Clock).....Upper..... J18
W12425	J18	16	Vang. 1944-1945-1947-A-16A.Upper..... J18
W12459	J19	16	Vang. 1944-1945-1947-A-16A.Lower..... J19
W12482	J32	12	Colonial R.....Upper..... J32
W12486	J33	12	Colonial R.....Lower..... J33
W12516	J7	6/0 1942-6/0B-6/0C-6/0D-870-870R-750-750B-750D	.....Upper..... J7
W12519	J42	6/0	A-11 Hack.....Upper..... J42
W12536	J37	6/0D-870	Sweep Second.....Upper..... J37
W12516	J7	679-678-675-670-650	.....Upper..... J7

For Waltham imported models, see Name & Caliber List.

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## JEWELS, CENTER — Continued

W12522	J6	6/0	1942-6/0B-6/0C-6/0D-870-870R-750-750B-750D-650	Lower..... J6
W12551	J35	679-678-675-670	.....	Lower..... J35

## JEWELS, ESCAPE CAP

W12587	J38	16	Deck Watch.....	Upper & Lower.. J38
W12587	J38	870-750	.....	Upper..... J38
W12137	J2	870-750-750B-750D	(See Jewels, Bal. Cap).....	Lower..... J2

## JEWELS, ESCAPE HOLE

W12662	J54	8 Day 37s-22s	.....	Upper & Lower.. J54
W12690	421	16	1899-1908.....	Upper..... R-4926
W12662	J54	16	Vanguard 1945-16A-Timer....	Upper & Lower.. J54
W12706	422	16	1899-1908.....	Lower..... F-4932
W12721	429	14-12	Colonial Series-1897-1894....	Upper..... R-8233
W12734	430	14-12	Colonial Series-1897-1894....	Lower..... F-8238
W12662	J54	12	Colonial R.....	Upper & Lower.. J54
W12802	J3	6/0	1942-6/0B-6/0B S. S.-6/0C-6/0D.Up.&Lower..	J3
W12802	J3	870-870R-750-750B-750D	.....	Upper & Lower.. J3
W12825	J4	870-750-450	.....	Upper & Lower.. J4
W12837	J75	750-678-675	.....	Upper & Lower.. J75
W12802	J3	678-675-670	.....	Upper & Lower.. J3

## JEWELS, FOURTH HOLE

W13229	419	16	1899-1908.....	Upper..... R-4920
W13235	J34	16	Vanguard-1944-1945-1947-A-16A-S. S. Deck	Upper & Lower.. J34
W13241	420	16	1899-1908.....	Lower..... F-4925
W13247	427	14-12	Colonial Series-1897-1894....	Upper..... R-8228
W13258	428	14-12	Colonial Series-1897-1894....	Lower..... F-8232
W13264	J43	12	Colonial R.....	Upper & Lower.. J43
W12519	J42	6/0	1942-6/0B-6/0B S. S.-6/0C-6/0D (See Jewels, Center).....	Upper & Lower.. J42
W12519	J42	870-870R-750B-750D	(See Jewels, Center).....	Upper & Lower.. J42
W13316	J5	870-750-450	.....	Upper & Lower.. J5
W13333	J41	679-678-675-670	.....	Upper & Lower.. J41
W13343	.....	650	.....	Upper..... 6066
W13345	.....	650	.....	Lower..... 6068

## JEWELS, PALLET HOLE

W13602	J55	8 Day 22s	.....	Upper..... J55
W13628	423	16	1899-1908.....	Upper..... F-4939
W13602	J55	16	Vanguard 1945-16A.....	Upper..... J55
W13637	424	16	1899-1908.....	Lower..... F-4940
W12662	J54	16	Vanguard 1945-16A(See Jewels Esc. Hole)Lower	J54
W13645	431	14-12	Colonial Series-1897-1894....	Upper..... F-8244
W13648	432	14-12	Colonial Series-1897-1894....	Lower..... F-8246
W12802	J3	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D (See Jewels, Escape Hole)....	Upper & Lower.. J3
W12802	J3	870R-750B-750D	.....	Upper & Lower.. J3
W12802	J3	870-750-450	.....	Upper..... J3
W13685	J4	870-750-450	.....	Lower..... J4
W13697	J77	679-678-675-670	.....	Upper & Lower.. J77

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MARSHALL STOCK NO. CABINET REFILL NO. SIZE

DESCRIPTION-GRADE-MODEL

FACTORY  
NO.

## JEWELS, PALLET STONES

see STONES, PALLET

### JEWELS, ROLLER

				M/M Dia.
W14000	142	18-16	.....	.53
W14001	141	18-16	.....	.52
W14002	140	18-16	.....	.51
W14003	139	18-16	.....	.50
W14004	138	18-16	.....	.49
W14005	137	18-16	.....	.48
W14006	136	18-16	Length 1.30.....	.47
W14007	135	18-16	Length 1.30.....	.46
W14014	122	12-6	Length 1.05.....	.47
W14015	121	12-6	Length 1.05.....	.46
W14020	134	0-3/0	.....	.45
W14021	133	0-3/0	.....	.44
W14022	132	0-3/0	.....	.43
W14023	131	0-3/0	.....	.42
W14024	130	0-3/0	.....	.41
W14025	129	0-3/0	.....	.40
W14031	128	6/0	.....	.39
W14032	127	6/0	.....	.38
W14033	126	6/0	Length .80.....	.37
W14034	126A	6/0	Length .58.....	.37
W14035	125	6/0	.....	.36
W14036	124	6/0	.....	.35
W14040	143	870-750-679- 650-450-400	.....	.37
W14043	123	670	.....	.27

### JEWELS, THIRD HOLE

W13235	J34	8 Day 37s, 22s	(See Jewels, Fourth Hole).....	Upper & Lower..	J34
W14380	417	16	1899-1908.....	Upper.....	R-4914
W13235	J34	16	1944-1945-1947-A-16A-S.S. Deck...Up. & Lo...		J34
W14392	418	16	1899-1908.....	Lower.....	F-4919
W14398	425	14-12	Colonial Ser. 1897-1894.....	Upper.....	R-8223
W14410	426	14-12	Colonial Ser. 1897-1894.....	Lower.....	F-8227
W12519	J42	6/0	1942-6/0B-6/0C-6/0D.....	Upper & Lower..	J42
W12519	J42	870-870R-750B-750D.....		Upper & Lower..	J42
W13316	J5	750	.....	Upper & Lower..	J5
W14482	J41	679-678-675-670.....		Upper & Lower..	J41
W14487	.....	650	.....	Upper.....	6062
W14488	.....	650	.....	Lower.....	6064

### LEVERS, CLUTCH

W2375	.....	8 Day 37s	1910.....		28098
W2380	.....	18	1892.....		1642
W2386	321	16	1899-1908.....		4767
W2388	.....	16	(Positive Setting).....		4769
W2392	.....	14-10	Colonial A.....		77555
W2393	322	14-12	Colonial Series-1897-1894.....		8078
W2408	323	0-3/0	1900-1907.....		20046
W2411	324	6/0	1898-1912.....		26037
W2412	.....	6/0	1937-1942-6/0B-6/0B S. S.-6/0C-6/0D.....		26224
W2415	325	10L	.....		27033
W2417	.....	870-870R	.....		83224
W2419	.....	7½L	.....		30250

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## LEVERS, CLUTCH—Continued

W2421	.....	679	.....	678223
W2422	.....	678	.....	678224
W2423	.....	675-670	.....	67224
W2424	366	650	.....	6224
W2427	.....	5¼L	.....	30570

## LEVERS, SETTING OR SHIPPER

W2503	.....	18	1883.....	1223
W2506	.....	18	1892.....	1637
W2517	.....	16	1899-1908.....	4760
W2519	330	16	1899-1908-1945-16A.....	4771-2
W2520	.....	16	1908-1944-1947-A.....	4511
W2521	.....	16	(Positive Setting).....	4759
W2526	.....	14-10	Colonial A.....	77560
W2527	331	14-12	Colonial Series-1897-1894.....	8079
W2531	.....	12	Colonial 1924-Colonial R 1945.....	7905
W2535	332	0-3/0	1900-1907.....	20051
W2539	.....	6/0	1898.....	26038
W2540	333	6/0	1912.....	26039
W2542	365D	6/0	1942-6/0B-6/0B S. S.....	26290
W2543	.....	6/0	6/0C-6/0D.....	26291
W2546	334	10L	.....	27036
W2548	808	870	.....	83090
W2549	365C	870R	(Spherical Dial).....	83091
W2552	.....	7½L	.....	30245
W2554	365	750-750B-750D	.....	6091
W2556	363	7¼L	.....	30785
W2559	.....	679	.....	67891
W2560	365B	678	.....	67890
W2561	365A	675-670	.....	67090
W2564	.....	650	(2 Pin).....	6090
W2554	365	650	(1 Pin).....	6091
W2567	.....	5¼L	.....	30575
W2569	335	450	.....	45090
W2570	336	400	.....	40090

## MAINSPRINGS

see MAINSPRING SECTION

## PALLET FORKS AND ARBORS

W2750	.....	8 Day 37s	1910, Str. Pivots, Single Roller.....	28224
W2751	.....	8 Day 37s	1910, Str. Pivots, Double Roller.....	28226
W2757	.....	18	1883, Str. Pivots, Single Roller.....	1335
W2763	.....	18	1892, Con. Pivots, Double Roller.....	1715
W2773	.....	16	1899-1908, Str. Pivots, Single Roller.....	4837
W2774	.....	16	1899-1908-1945-16A Str. Pivots, Double Roller..	4838
W2775	.....	16	1899-1908-1944-1947-A-S. S. Deck Con. Pivots, Double Roller.....	4839
W2781	.....	14-10	Colonial A. Str. Pivots, Double Roller.....	77652
W2782	.....	14-12	Colonial Series-1897-1894, Str. Pivots, Single Roller.....	8123
W2792	.....	12	Colonial 1924, Str. Pivots, Double Roller.....	7849
W2776	.....	12	Colonial R 1945, Str. Pivots, Double Roller.....	7849T
W2793	.....	12	Colonial R 1945, Con. Pivots, Double Roller.....	7850
W2808	.....	0-3/0	1907, Str. Pivots, Single Roller.....	20167
W2818	.....	6/0	1898-1912, Str. Pivots, Double Roller.....	26089
W2819	.....	6/0	1898-1912, Str. Pivots, Single Roller.....	26088

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## PALLET FORKS AND ARBORS—Continued

W2820	.....	6/0	1942-6/0B-6/0B S.S.-6/0D Str. Pivots, Double Roller, Regular Stones.....	26288
W2821	.....	6/0	1942-6/0B-6/0B S.S. Str. Pivots, Dbl. Roller, Small Stones.....	26298
W2822	.....	6/0	6/0C-6/0D Con. Lower Pivots, Str. Upper Pivot, Double Roller.....	26289
W2826	.....	10L	Str. Pivots, Single Roller.....	27116
W2828	.....	870-870R-750- 750B-750D	Str. Pivots, Double Roller.....	6098
W2832	.....	7½L-5¼L	Str. Pivots, Double Roller.....	30135
W2818	.....	7¼L	Str. Pivots, Double Roller.....	26089
W2836	.....	679-678	Str. Pivots, Double Roller.....	67898
W2837	.....	675-670	Str. Pivots, Double Roller.....	67098
W2828	.....	650	Str. Pivots, Double Roller.....	6098
W2844	.....	450	Str. Pivots, Double Roller.....	45098
W2845	.....	400	Str. Pivots, Double Roller.....	40098

## PINIONS, CANNON

W2871	.....	8 Day 37s	1910.....Long.....	28202
W2874	.....	8 Day 37s	1910.....Short.....	28204
W2882	233	18	1883.....	1360
W2883	.....	18	1892.....	1700
W2888	234	16	1899-1908-1944-1945-1947-A-16A.....	4853
W2896	.....	14	Colonial A.....	77670
W2899	.....	14	Colonial Series.....	7710A
W2900	.....	14	1897.....	8139
W2905	235	12	1894.....	8138
W2907	236	12	Colonial 1924-Colonial R 1945.....	7918
W2911	.....	10	Colonial A.....	77855
W2918	237	0-3/0	1900-1907.....Long.....	20197
W2919	238	0-3/0	1900-1907.....Short.....	20198
W2926A	.....	6/0	1898-1912.....2.10 m/m Length.....	26100
W2928	240	6/0-7¼L	1898-1912.....2.30 m/m Length.....	26100
W2927	239	6/0-7¼L	1898-1912.....2.55 m/m Length.....	26100
W2929	.....	6/0-7¼L	1898-1912.....2.80 m/m Length.....	26100
W2930	.....	6/0-7¼L	1898-1912.....3.00 m/m Length.....	26100
W2931	.....	6/0-7¼L	1898-1912.....3.30 m/m Length.....	26100
W2932	.....	6/0-7¼L	1898-1912.....3.58 m/m Length.....	26100
W2933	.....	6/0-7¼L	1898-1912.....3.90 m/m Length.....	26100
W2934	.....	6/0	1898-1912 S.S.....	26101S
W2935	.....	6/0	1942-6/0B-6/0C-6/0D.....2.60 m/m Length.....	26300
W2936	.....	6/0	1942-6/0B-6/0C-6/0D.....3.30 m/m Length.....	26300
W2937	.....	6/0	1942-6/0B S.S.-6/0C S.S.-6/0D S.S.....	26301
W2945	.....	10L	.....	27133
W2950	240A	870-870R-750-750B 750D-650-450	.....1.92 m/m Length.....	6100
W2951	.....	870-750-750B 750D-650-450	.....2.12 m/m Length.....	6100
W2952	.....	870-750-750B- 750D-650-450	.....2.42 m/m Length.....	6100
W2953	.....	870-750-750B-750D- 650-450-870R	.....2.55 m/m Length.....	6100
W2954	240B	870-750-750B- 750D-650-450	.....2.77 m/m Length.....	6100
W2955	.....	870-750-750B- 750D-650-450	.....3.10 m/m Length.....	6100
W2956	.....	870-870R-750-750B- 750D-650-450	.....3.50 m/m Length.....	6100
W2957	.....	870-750-750B- 750D-650-450	.....3.80 m/m Length.....	6100
W2958	.....	870-870 S.S.	.....	83101

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MARSHALL STOCK NUMBER

# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## PINIONS, CANNON—Continued

W2967	.....	7½L	.....	30280
W2975	240E	679-678-675	.....	675100
W2976	240D	670	..... 1.80 m/m Length....	67100
W2967	.....	5¾L	.....	30280
W2989	.....	400	..... 1.45 m/m Length....	40100
W2990	.....	400	..... 1.60 m/m Length....	40100
W2991	.....	400	..... 2.40 m/m Length....	40100
W2992	.....	400	..... 2.77 m/m Length....	40100

## PINIONS, FOURTH

W3250	.....	8 Day 37s	1910.....	28198
W3254	445	18	1883.....	1353
W3255	.....	18	1892.....	1697
W3260	446	16	1899-1908-1944-1945-1947-A-16A.....	4848
W3263	.....	14	Colonial A.....	77664
W3264	.....	14	Colonial Series.....	7700
W3265	447	14-12	1897-1894.....	8135
W3268	.....	12	Colonial 1924-Colonial R 1945.....	7832
W3273	448	0-3/0	1900-1907.....	20186
W3279	449	6/0	1898-1912..... Long Pivot.....	26096
W3280	.....	6/0	1898-1912..... Short Pivot.....	26096
W3281	.....	6/0	1942-6/0B.....	26306
W3282	.....	6/0	1942-6/0B S.S.-6/0C-6/0D.....	26307
W3283	450	10L	.....	27128
W3287	870	.....	.....	83106
W3290	.....	7½L	.....	30100
W3292	.....	750	..... 15 m/m Pivot.....	75106
W3293	.....	750-750B-750D	..... 20 m/m Pivot.....	75107
W3279	449	7¼L	..... Long Pivot.....	26096
W3280	.....	7¼L	..... Short Pivot.....	26096
W3298	.....	679-678	.....	678106
W3299	.....	678	..... UP. Piv. Conical.....	678107
W3301	.....	675-670A	.....	675106
W3302	.....	675-670A	..... Both Piv. Conical.....	675107
W3304	.....	670	.....	67106
W3307	.....	650	.....	6106
W3310	.....	450	.....	45106
W3311	.....	400	.....	40106

## PINIONS, SWEEP SECOND

W3374	.....	3/0	.....	20173A
W3377	.....	6/0	1912.....	26108B
W3378	.....	6/0	1912.....	26108
W3379	.....	6/0	1942-6/0B S.S.-6/0C-6/0D.....	26331
W3380	.....	6/0	6/0C S.S. Calendar.....	26331C
W3381	.....	870	.....	83231

## PINIONS, WINDING

W3470	407	8 Day 37s	1910.....	28084
W3471	408	8 Day 37s	1926.....	28085
W3482	409	18	1883.....	1272
W3483	410	18	1892.....	1632
W3489	411	16	1899-1908-1944-1945-1947-A-16A-S.S. Deck.....	4727A
W3491	.....	16	(Positive Setting).....	4729
W3492	.....	16	Timer.....	4410
W3495	.....	14-10	Colonial A.....	77571
W3497	413	14-12	Colonial Series-1897-1894.....	8093A

PLEASE ORDER BY  
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# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION - GRADE - MODEL	FACTORY NO.
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## PINIONS, WINDING—Continued

W3501	412	12	Colonial 1924-Colonial R 1945.....	7894
W3511	414	0-3/0	1900-1907.....	20092
W3515	415	6/0	1898-1912.....	26018
W3517	415A	6/0	1942-6/0B-6/0B S.S.-60/C-6/0D.....	26310
W3520	416	10L	.....	27046
W3522	416A	870-870R-750-750B-750D	.....	6110
W3524	.....	7½L	.....	30220
W3527	.....	7¾L	.....	30755
W3529	416B	679-678	.....	678110
W3531	416C	675-670	.....	67110
W3522	416A	650	.....	6110
W3524	.....	5¼L	.....	30220
W3534	.....	5L	.....	5-573
W3535	416D	450	.....	45110
W3537	416E	400	.....	40110

## REGULATORS

W3735	.....	8 Day 37s	1910.....	28245
W3742	.....	18	1883.....	1390
W3746	.....	18	1892.....	1672
W3760	.....	16	1899-1908.....	4886
W3769	.....	14	Colonial A.....	77688
W3771	.....	14-12	Colonial Series-1897-1894.....	8162A
W3780	.....	12	Colonial 1924-Colonial R 1945.....	7878
W3784	.....	10	Colonial A.....	77850
W3799	.....	0-3/0	1900-1907.....	20252-20253
W3807	.....	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D....	26118
W3809	.....	6/0	6/0D..... Shock Resistant.....	26512
W3811	.....	10L	.....	27152
W3815	.....	870-870R-750-750B-750D	.....	83112
W3817	.....	7½L	.....	30190
W3811	.....	7¾L	.....	27152
W3821	.....	679	.....	67912
W3822	.....	678	.....	678112
W3824	.....	670-675	.....	67112
W3827	.....	650	.....	6112
W3817	.....	5¼L	.....	30190
W3831	.....	450	.....	45112
W3833	.....	400	.....	40112

## ROLLERS, COMBINATION (WITH JEWEL)

W3900A	.....	16	105A Timer.....	A-62
W3904	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C.....	26115
W3907	.....	870-870R-750-750B-750D-679	.....	6115
W3909	811	678-650-450	.....	67115
		670	.....	67115

## ROLLERS, DOUBLE (WITH JEWEL)

W3951	.....	8 Day 37s	1910.....	4876A
W3951	.....	18-16	1892-1899-1908-1944-1945-1947-A-16A-S.S. Deck.....	4876A
W3960	.....	14-10	Colonial A.....	77682
W3962	.....	14-12	Colonial Series-1897-1894.....	8157

For Waltham imported models, see Name & Caliber List.



MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## ROLLERS, DOUBLE (WITH JEWEL)—Continued

W3967	.....	12	Colonial 1924-Colonial R 1945.....	7858
W3975	248	0-3/0	1900.....	20238
W3976	249	0-3/0	1907.....	20239
W3982	251	6/0	1898-1912-1942-6/0B-6/0B S.S.- 6/0C-6/0D.....	26112-26112A
W3987	242	870-870R-750- 750B-750D-678- 650-450-400	.....	6114
W3989	.....	7½L-5¼L	.....	30150
W3982	251	7¼L	.....	26112-26112A
W3992	241	675-670	.....	67114

## ROLLERS, SAFETY (GUARD)

W4000	252	8 Day 37s	1910.....	4877
W4000	252	18-16	1892-1899-1908-1944-1945-1947-A- 16A-S.S. Deck.....	4877
W4007	.....	14-10	Colonial A.....	77684
W4008	253	14-12	Colonial Series-1897-1894.....	8158
W4011	.....	12	Colonial 1924.....	7860
W4017	254	0-3/0	1900-1907.....	20242
W4021	255	6/0	1898-1912-1942-6/0B-6/0B S.S.- 6/0C-6/0D.....	26113-26113A
W4024	256	870-870R-750- 750B-750D-678- 650-450-400	.....	6116
W4026	.....	7½L-5¼L	.....	30155
W4021	255	7¼L	.....	26113-26113A
W4030	.....	675-670	.....	67116

## ROLLERS, SINGLE (WITH JEWEL)

W4050	.....	8 Day 37s	1910.....	28232
W4053	243	18	1883.....	1372
W4054	.....	18	1892.....	1705
W4059	244	16	1899-1908.....	4874
W4062	245	14-12-6-0	Colonial Series-1897-1894-1890-1891.....	8146-13186-19317
W4065	.....	12	Colonial 1924.....	7855
W4071	246	0-3/0	1900.....	20225
W4072	247	0-3/0	1907.....	20226
W4078	250	6/0-10L	1898-1912.....	27146-26111

## SCREWS, BALANCE

W4110	257-260	2 Day 37s	1910.....	Light.....	305
W4111	258-261	2 Day 37s	1910.....	Regular.....	300
W4112	259-262	8 Day 37s	1910.....	Heavy.....	304
W4110	257-260	18-16	1183-1892-1899-1908.....	Light.....	305
W4111	258-261	18-16	1883-1892-1899-1908-1945- 16A-S.S. Deck.....	Regular.....	300
W4112	259-262	18-16	1883-1892-1899-1908.....	Heavy.....	304
W4133	.....	14-10	Colonial A.....	Regular.....	352
W4134	.....	14-12-10	Colonial A-Colonial R 1945.....	Heavy.....	353
W4135	263	14-12	Colonial Series-1897-1894.....	Light.....	321
W4136	264	14-12	Colonial Series-1897-1894.....	Regular.....	316
W4137	265	14-12	Colonial Series-1897-1894.....	Heavy.....	320
W4148	.....	12	Colonial A.....	Regular.....	366
W4172	266	0-3/0	1900-1907.....	Light.....	338
W4173	267	0-3/0	1900-1907.....	Regular.....	337½

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MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION	GRADE	MODEL	FACTORY NO.
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## SCREWS, BALANCE—Continued

W4174	268	0-3/0	1900-1907.....	Heavy.....		336
W4187	269	6/0	1898-1912.....	Light.....		333
W4188	270	6/0	1898-1912-1942-6/0B- 6/0B S.S.-6/0C-6/0D.....	Regular.....		334
W4189	271	6/0	1898-1912.....	Heavy.....		331
W4198	.....	10L-7¼L	.....	Light.....		359
W4199	.....	10L-7¼L	.....	Regular.....		357
W4200	.....	10L-7¼L	.....	Heavy.....		358
W4209	.....	870-750-650-450	Composition.....	Light.....		364
W4210	.....	870-750-650-450	Composition.....	Regular.....		362
W4211	.....	870-750-650-450	Composition.....	Heavy.....		363
W4212	.....	750B-750D-678	.....	Light.....		383
W4213	.....	870R-750B- 750D-678	.....	Regular.....		382
W4217	.....	7½L-750-650- 5¼L-450-400	.....	Gold.....	Light.....	364
W4218	.....	7½L-750-650- 5¼L-450-400	.....	Gold.....	Regular.....	362
W4219	.....	7½L-750-650- 5¼L-450-400	.....	Gold.....	Heavy.....	363
W4228	.....	675-670	.....	Regular.....	M-401	

## SCREWS, BRIDGE—BALANCE, BARREL OR PLATE

W4750	297	8 Day 37s	1910.....			501
W4752	298	8 Day 37s	1910.....			500
W4755	299	18	1883.....			130
W4762	300	18-16	1894-1899-1908-1944-1945-1947-A-16A.....			255
W4776	303	14-10	Colonial A.....			247
W4778	301	14-12-6	Colonial Series 1897-1894-1890.....			219
W4784	305	12	Colonial 1924-Colonial R 1945.....			551
W4794	302	0-3/0	1900-1907.....			266
W4776	303	6/0	1898-1912.....			247
W4800	303A	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D.....			687
W4804	304	10L	.....			274
W4808	306	9L-7¼L	.....			274A
W4810	306A	870-870R	.....			637
W4814	.....	7½L-5¼L	.....			529
W4816	306B	750-750B-750D	.....			M-041
W4818	.....	679	.....			M-154
W4819	306C	678-675-670	.....			M-032
W4820	.....	650	.....			569
W4828	.....	450	.....			610
W4829	.....	400	.....			593

## SCREWS, CAP (SHIPPER) (SETTING BRIDGE)

W5131	.....	18	1892.....			230
W5134	.....	16	1899-1908-1944-1945-1947-A-16-A.....			258
W5136	.....	14-10	Colonial A.....			44
W5137	.....	14-12-6	1894-1897-Colonial Series-Colonial 1924- Colonial R 1945-1890-1891.....			215
W5144	.....	0-3/0-6/0	1900-1907-1898-1912.....			176
W5148	.....	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D.....			504
W5151	310	10L	.....			270
W5154	313	870-870R	.....			536
W5156	.....	7½L	.....			283
W5157	314A	750-750B-750D	.....			M-002
W5148	.....	7¼L	.....			504
W5161	.....	679-678-675-670	.....			M-034
W5154	313	650-450-400	.....			536

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# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## SCREWS, CASE

W5200	272	8 Day 37s	1910.....	502
W5217	273	18	1883-1892.....	102
W5223	274	16	1899-1908.....	262
W5231	282	14-12-10	Colonial A-Colonial R 1945.....	511
W5232	275	14-12-6	Colonial Series-1897-1894-1890.....	146
W5241	.....	12	Colonial 1924.....	552
W5250	276	0	1891.....	187
W5252	278	0-3/0	1900-1907.....	540
W5257	279	6/0	1898-1912.....	253
W5259	.....	6/0	1942-6/0B-6/0B S.S.-6/0C.....	684
W5260	.....	6/0	6/0C-6/0D.....	684A
W5261	.....	10L	.....	275
W5267	281	870-870R-7½L	.....	530
W5271	284	7¼L	.....	566
W5276	283	5¼L	.....	548

## SCREWS, CLICK

W5473	285	18-16	1892-1899-1908-1944-1945-1947-A- 16A-S.S. Deck.....	293
W5483	287	14-12-10	Colonial A-Colonial 1924-Colonial R 1945.....	516
W5473	285	14-12	Colonial Series-1897-1894.....	293
W5494	288	0-3/0-10L	1900-1907.....	250
W5495	286	0-3/0-6/0	1900-1907-1898-1912.....	294
W5503	.....	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D.....	250A
W5503	.....	870-7¼L- 650-450-870R	.....	250A
W5519	289-316	7½L-5¼L-400	.....	259
W5520	289A	7½L-5¼L	.....	701
W5522	289B	750-750B-750D	.....	M-013
W5526	.....	679	.....	M-150
W5527	289C	678	.....	M-130
W5529	289D	675-670	.....	M-039

## SCREWS, CROWN WHEEL

See SCREWS, WINDING WHEEL (CROWN)

## SCREWS, DIAL

W5600	295	8 Day 37s	1910.....	4
W5607	290	18	1883.....	107
W5609	.....	18	1892.....	193
W5613	293	16	1888.....	77
W5615	291	16	1899-1908.....	220½
W5617	.....	16	1899-1908-1944-1945-1947-A-16A.....	634
W5607	290	14-10	Colonial A.....	107
W5622	292	14-12-6	Colonial Series-1897-1894-Colonial 1924-1890..	170
W5613	293	0-3/0-6/0	1900-1907-1898-1912-1942-6/0B- 6/0B S.S.-6/0C-6/0D.....	77
W5647	294	10L-7¼L	.....	77½
W5649	295B	9L-870-870R	.....	505
W5652	296	7½L	.....	537
W5654	295C	750-750B-750D	.....	M-006
W5657	295A	679-678-675-670	.....	M-033
W5649	295B	650	..... Flat Dial.....	505
W5652	296	650-5¼L	..... Spherical Dial.....	537
W5664	.....	450	.....	612
W5668	.....	400	..... Top.....	591
W5652	296	400	..... Foot.....	537

## SCREWS, JEWEL—Balance, Center, Third, Fourth, Escape, Pallet

When a model requires jewel screws to hold certain kinds of jewels, this is indicated by "U" for upper and "L" for lower under the headings of the kinds of jewels. Where (—) appears, model does not use screws in these positions. The same screw (example W5842) is used in different positions on many different models. Therefore this chart gives you maximum interchangeability.

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	BALANCE	CENTER	THIRD	FOURTH	ESCAPE	PALLET	MODEL OR GRADE	FACTORY NO.
W5825	307	8 Day-18	U & L	—	—	—	—	—	1883-1892-1910	45
W5825	307	18	—	U	U	U	U	U	1883	45
W5825	307	18	—	U	U	U	U & L	U & L	1892	45
W5825	307	16-14	U & L	U	U	U	U & L	U & L	1888-1895-1899-1908	45
W5825	307	16	—	—	—	—	L	L	1944-1947-A	45
W5850	.....	16-12	U	—	—	—	—	—	1944-1945-1947-A-16A-S.S. Deck Timer-Col. R-Col. 1924	M-003
W5842	308	16	L	—	—	—	—	—	1944-1945-1947-A-16A-S.S. Deck Timer	78
W5842	308	14-12	U & L	U	U	U	U	U	1894-1897-Colonial Series	78
W5842	308	12	L	—	—	—	L	L	Colonial R 1945	78
W5842	308	12	U & L	U	—	—	U & L	—	Colonial 1924	78
W5842	308	10-6	U & L	U	U	U	U	U	1890-Colonial A	78
W5842	308	0-3/0	U & L	U	U	U	U	U	1891-1900-1907	78
W5151	310	0-3/0	U	—	—	—	—	—	1900-1907	270
W5862	311	0-3/0	U & L	—	—	—	—	—	1900-1907	278
W5871	309	6/0-10L-7¼L	U & L	—	—	—	—	—	1898-1912	264
W5842	308	6/0-10L-7¼L	U & L	U	—	—	—	—	1898-1912	78
W5873	.....	6/0	U	—	—	—	—	—	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D	655
W5157	314A	6/0-870	L	—	—	—	—	—	1942-6/0B-6/0B S.S.-6/0C-6/0D	M-002
W5883	314	870-750-678-650	U	—	—	—	—	—	870-870R-750-750B-750D-678-650	M-040

## SCREWS, JEWEL

### Balance, Center, Third, Fourth, Escape, Pallet—Continued

When a model requires jewel screws to hold certain kinds of jewels, this is indicated by "U" for upper and "L" for lower under the headings of the kinds of jewels. Where (—) appears, model does not use screws in these positions. The same screw (example W5842) is used in different positions on many different models. Therefore this chart gives you maximum interchangeability.

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	BALANCE	CENTER	THIRD	FOURTH	ESCAPE	PALLET	MODEL OR GRADE	FACTORY NO.
W5154	313	870-7½-5¼	L	—	—	—	—	—		536
W5893	312	7½L-5¼L	U & L	—	—	—	—	—		535
W6035	.....	750	—	—	—	—	U	—	750	M-045
W5895	.....	750	L	—	—	—	L	—	750	M-042
W5896	.....	750	U	—	—	—	—	—	750B-750D	M-134
W6042	.....	678-679	—	—	—	—	U	—	679-678	M-142
W6043	.....	678-679	—	—	—	—	L	—	679-678	M-041
W5902	314B	675-670	U	—	—	—	—	—	675-670	M-046
W5903	314C	675	L	—	—	—	—	—	675	M-034
W6046	.....	675	—	—	—	—	U	—	675	M-007
W5909	.....	450-400	U & L	—	—	—	—	—	450-400	574

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## SCREWS, SETTING LEVER

W6451	.....	18-16	1883-1892-1899-1908-1944-1947-A.....	133
W6456	.....	16	(Positive Setting).....	647
W6465	.....	6/0	1898-1912.....	604
W6466	.....	6/0	1942-6/0B-6/0B S.S.-6/0D.....	604A
W6467	.....	6/0	6/0C.....	604B
W6471	319A	870-750-750B-750D-650-450	.....	567
W6472	319E	870R	.....	671
W6476	319C	7¼L	.....	557
W6478	.....	679	.....	M-128
W6479	319D	679-678	.....	708
W6481	319B	675-670	.....	M-031
W6487	319	400	.....	586

## SCREWS, RETAINING SPRING (SHOCK RESISTANT)

W7078	.....	6/0D	6/0D.....Endstone, Lower.....	M-160
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## SCREWS, STUD (HAIRSPRING)

W5519	289-316	8 Day 37s	1910 (See Screws, Click).....	259
W7379	315	18	1883.....	112
W5519	289-316	18-16-12	1892-1899-1908-1944-1945-1947-A-16A-Colonial 1924 (See Screws, Click).....	259
W5842	308	14-10	Colonial A (See Screws, Jewel Balance).....	78
W7388	317	14-12-0-3/0	Colonial Series-Colonial R 1945-1894-1897-1900-1907.....	235
W7408	318	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C.....	245
W7408	318	870-870R-7¼L-650-450	.....	245
W7410	.....	6/0D-750D	.....	M-159
W5893	312	7¼L-400	(See Screws, Jewel, Balance).....	535
W7421	320	750	.....	M-010
W7424	.....	679	.....	M-151
W7425	320A	678-675-670	.....	M-036

## SCREWS, WINDING WHEEL (CROWN WHEEL)

W4755	299	18	1883 (See Screws, Bridge Barrel).....	130
W7456	.....	16-14-12	1899-1908-Colonial Series-1897-1894.....	221
W5136	.....	14-10	Colonial A (See Screws, Cap Shipper).....	44
W5842	308	0-3/0-6/0	1900-1907-1898-1912 (See Screws, Jewel Balance).....	78
W7471	.....	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D.....	533
W5862	311	10L	(See Screws, Jewel Balance).....	278
W7493	.....	870-870R-650	.....	642
W7498	.....	750-750B-750D	.....	M-011
W7501	.....	7¼L-650	.....	555
W7505	.....	679-678-675	.....	M-129
W7510	.....	450	.....	611
W7514	.....	400	.....	587

## SCREWS, WINDING WHEEL (RATCHET WHEEL)

W7724	.....	18-16	1892-1899-1908.....	281
W7728	.....	16	1899-1908-1944-1947-A.....	239
W7731	.....	16	1899-1908-1945-16A.....	648
W7738	.....	14-12-10	Colonial A-Colonial 1924.....	514
W7739	.....	14-12	Colonial Series-1897-1894.....	288

For Waltham imported models, see Name & Caliber List.

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## SCREWS, WINDING WHEEL (RATCHET WHEEL) — Cont.

W7740	.....	14-12	1894-1897-Colonial Series-Colonial R 1945.....	226
W7747	.....	0-3/0	1900-1907.....	249
W7747	.....	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D....	245
W7755	.....	870	.....	649
W7747	.....	10L-7¼L	.....	249
W7758	.....	7½L	.....	538
W7760	.....	750-750B-750D	.....	M-012
W7763	.....	679-678	.....	M-131
W7763A	.....	675	.....	M-143
W7764	.....	670	.....	667
W7765	.....	650-450	.....	568
W7769	.....	400	.....	M-035

## SEATING (SETTING), SHOCK RESISTANT

W7815	.....	6/0D	6/0D.....	Upper.....	26522
W7816	.....	6/0D	6/0D.....	Lower.....	26521

## SHIPPERS

See LEVERS, SETTING

## SPRINGS, CLICK

W8035	338	8 Day 37s	1910.....	Old Style.....	28121
W8036	339	8 Day 37s	1910.....	New Style.....	28122
W8042	342	18	1883.....	.....	1234
W8053	.....	16	1944-1945-1947-A-16A-S.S. Deck Timer.....	.....	4782
W8053	.....	12	Colonial 1924-Colonial R 1945.....	.....	4782
W8081	357	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D.....	.....	6225-26225
W8081	357	870-870R-750-750B-750D-650	.....	.....	6225-26225
W8098	.....	679	.....	.....	679225
W8099	355B	678	.....	.....	678225
W8101	355A	675-670-650	.....	.....	67225

## SPRINGS, CLIP, SHOCK RESISTANT

W8115	.....	6/0D	6/0D.....	Shock Resistant	26528
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## SPRINGS, CLUTCH

W8127	345	16-14	1888-1895.....	O.F.....	2782
W8128	346	16-14	1888-1895.....	Htg.....	2783

## SPRINGS, ENDSTONE RETAINING

W8143	.....	6/0D	6/0D.....	Lower.....	26527
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## SPRINGS, SET WHEEL

W8580	.....	18	1883.....	Short.....	1237
W8581	344	18	1883.....	Long.....	1238

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## SPRING, SETTING (SHIPPER OR CLUTCH LEVER)

W8585	340	8 Day 37s	1910.....	28115
W8588	.....	18	1892.....	1615
W8592	347	16	1899-1908-1945-16A-S.S. Deck.....	4774
W8593	.....	16	1908-1944-1947-A.....	4510
W8599	350	14-12-10	Colonial A-Colonial Series-1897-1894.....	77557-8083
W8600	349	14-12	Colonial Series-1894-1897 Colonial 1924-Colonial R 1945.....	8084-7908
W8615	352	0-3/0	1900-1907.....	20066
W8620	353	6/0	1898-1912.....	26040
W8621	.....	6/0	1937-1942-6/0B-6/0B S.S.-6/0C-6/0D.....	26228
W8624	354	10L	.....	27035
W8626	815	870-870R	.....	83228
W8628	355	7½L	.....	30255
W8630	328	750-750B	.....	6229
W8632	362	7¼L	.....	30775
W8633	329	7¼L	Positive Set.....	307224
W8636	357A	679-678	.....	678228
W8638	810	675-670	.....	67228
W8641	356	650	.....	6228
W8630	328	650	.....	6229
W8628	355	5¼L	.....	30255
W8645	326	450	.....	45224
W8647	327	400	.....	40224

## SPRINGS, SLIDE

W8660	341	8 Day 37s	1910.....	28117
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## SPRINGS, YOKE

W8747	343	18	1883.....	1229
W8748	.....	18	1892.....	1607

## STAFFS, BALANCE

W8801	1	8 Day 37s	1910.....Pivot .12.....	28210
W8802	2	8 Day 37s	1910 1.24 m/m Bal. Hub.....Pivot .13.....	28210
W8803	2A	8 Day 37s	1910 1.45 m/m Bal. Hub.....Pivot .13.....	28212
W8804	2B	8 Day 37s	1910 1.30 m/m Bal. Hub.....Pivot .10.....	28213
W8805	2C	8 Day CDIA	.....	28560
W8806	2D	8 Day 22s	.....	22230
W8818	3	18	1883.....Pivot .12.....	1365
W8819	4	18	1883.....Pivot .13.....	1365
W8820	5	18	1883.....Pivot .14.....	1365
W8823	9	18	1892, Short.....Pivot .11.....	1703
W8824	10	18	1892, Short.....Pivot .12.....	1703
W8825	6	18	1892, Long.....Pivot .10.....	1703A
W8826	7	18	1892, Long.....Pivot .11.....	1703A
W8827	8	18	1892, Long.....Pivot .12.....	1703A
W8838	11	16	1872 1.25 m/m Bal. Hub.....Pivots Asst.....	4251
W8839	12	16	1872 1.30 m/m Bal. Hub.....Pivots Asst.....	4253
W8842	13	16	1888.....Pivot .12.....	2844
W8843	14	16	1888.....Pivot .13.....	2844
W8846	15	16	1899-1908 Straight Shoulder..Pivot .12.....	4860
W8847	16	16	1899-1908 Straight Shoulder..Pivot .13.....	4860
W8854	20	16	1899-1908-1944-1945-1947-A-16A-S.S. Deck Taper Shoulder.....Pivot .12.....	4861
W8855	20	16	1899-1908 Taper Shoulder Oversize Hub.....Pivot .12.....	4861
W8856	21	16	1899-1908 Taper Shoulder....Pivot .13.....	4861

For Waltham imported models, see Name & Caliber List.



MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## STAFFS, BALANCE — Continued

W8857	21	16	1899-1908 Taper Shoulder Oversize Hub.....Pivot .13.....	4861
W8858	22	16	1899-1908 Taper Shoulder....Pivot .14.....	4861
W8859	22	16	1899-1908 Taper Shoulder Oversize Hub.....Pivot .14.....	4861
W8860	17	16	Vanguard-Taper Shoulder.....Pivot .10.....	4861
W8861	18	16	Vanguard-Taper Shoulder.....Pivot .11.....	4861
W8862	19	16	Vanguard-Taper Shoulder.....Pivot .12.....	4861
W8863	19A	16	Vanguard-Taper Shoulder.....Pivot .12½.....	4861
W8865	12A	16	Timer.....	4430
W8866	12B	16	Timer.....	4430A
W8880	23	14	1874-1884.....Pivots Asst.....	7355
W8842	13	14	1895.....Pivot .12.....	2844
W8843	14	14	1895.....Pivot .13.....	2844
W8882	24	14-10	Colonial A.....Pivot .10.....	77677
W8883	25	14-10	Colonial A.....Pivot .11.....	77677
W8884	38	14-12	Colonial Series 1897-1894.....Pivot .09..	8142-13220
W8885	39	14-12	Colonial Series 1897-1894.....Pivot .10..	8142-13220
W8887	31	14-12	Colonial Series 1897-1894 Taper Shoulder.....Pivot .09.....	8143
W8888	31	14-12	Colonial Series 1897-1894 Taper Shoulder Oversize Hub.....Pivot .09.....	8143
W8889	32	14-12	Colonial Series 1897-1894 Taper Shoulder Pivot .10.....	8143
W8890	32	14-12	Colonial Series 1897-1894 Taper Shoulder Oversize Hub.....Pivot .10.....	8143
W8891	33	14-12	Colonial Series 1897-1894 Taper Shoulder Pivot .11.....	8143
W8892	33	14-12	Colonial Series 1897-1894 Taper Shoulder Oversize Hub.....Pivot .11.....	8143
W8906	27A	12	Colonial R.....Pivot .10.....	7864
W8907	26	12	Colonial 1924.....Pivot .09.....	7865
W8908	26	12	Colonial 1924, Oversize Hub...Pivot .09.....	7865
W8909	27	12	Colonial 1924.....Pivot .10.....	7865
W8910	27	12	Colonial 1924, Oversize Hub...Pivot .10.....	7865
W8911	28	12	Colonial 1924.....Pivot .11.....	7865
W8912	28	12	Colonial 1924, Oversize Hub...Pivot .11.....	7865
W8927	37	8-6	1873.....Pivots Asst.....	12318
W8884	38	6	1890.....Pivot .09..	8142-13220
W8885	39	6	1890.....Pivot .10..	8142-13220
W8948	40	0	1891.....Pivot .09.....	19369
W8949	41	0	1891.....Pivot .10.....	19369
W8951	42	0-3/0	1900-1907 Straight Shoulder..Pivot .08.....	20207
W8952	43	0-3/0	1900-1907 Straight Shoulder..Pivot .09.....	20207
W8956	46	0-3/0	1900-1907 Taper Shoulder....Pivot .09.....	20208
W8957	46	0-3/0	1900-1907 Taper Shoulder Oversize Hub.....Pivot .09.....	20208
W8958	47	0-3/0	1900-1907 Taper Shoulder....Pivot .10.....	20208
W8959	47	0-3/0	1900-1907 Taper Shoulder Oversize Hub.....Pivot .10.....	20208
W8976	.....	6/0	6/0D Shock-Resist.....	26506
W8977	.....	6/0	6/0D Shock-Proof.....	26107
W8979	48	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D Pivot .08.....	26106 -27140
W8980	49	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D Pivot .08½.....	26106 -27140
W8981	49	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D Oversize Hub.....Pivot .08½.....	26106 -27140
W8982	56	6/0	1943.....Pivot .08.....	26230
W8979	48	10L-7¼L	.....Pivot .08..	26106-27140
W8980	49	10L-7¼L	.....Pivot .08½	26106 -27140

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## STAFFS BALANCE — Continued

W8981	49	10L-7¼L	Oversize Hub.....Pivot .08½	26106 27140
W9000	51	870-870R-750- 750B-750D	.....Pivots Asst.....	6230
W9003	50	7½L-5¼L	.....Pivots Asst.....	30160
W9013	55	679-678	.....Pivots Asst.....	678230
W9016	54	675	.....Pivots Asst.....	675230
W9019	53	670	.....Pivots Asst.....	67230
W9000	51	650-450	.....Pivots Asst.....	6230
W9030	52	400	.....Pivots Asst.....	40230

## STEMS

see **ARBORS, WINDING**

## STEMS AND SLEEVES

W9164	161	0-3/0	.....Reverse.....	.53B-955
W9164A	162	0-3/0	.....Reverse.....	.69B-975
W9164B	163	0-3/0	.....Reverse.....	.74B-955
W9164C	164	0-3/0	.....Reverse.....	.85½B-955
W9164F	165	6/0-10L	.....Reverse.....	.19B-955
W9164G	166	6/0-10L	.....Reverse.....	.30B-955
W9164H	167	6/0-10L	.....Reverse.....	.71B-955
W9164J	168	6/0-10L	.....Reverse.....	.91½B-975
W9164K	169	6/0-10L	.....Reverse.....	.115B-980

## STONES, PALLET

W14611	145	18	1883.....	Receiving.....	1490
W14618	146	18	1883.....	Discharging.....	1491
W14628	147	16	1899-1908-1944-1945-1947-A-16A-S.S. Deck	Receiving.....	4955
W14633	148	16	1898-1908-1944-1945-1947-A-16A-S.S. Deck	Discharging.....	4956
W14630	.....	16-12	Timer-Colonial R 1945	7986T Receiving.....	22082
W14635	.....	16-12	Timer-Colonial R 1945	7987T Discharging.....	22804
W14638	149	14-12	Colonial Series, 1897-1894....	Receiving.....	8259
W14645	150	14-12	Colonial Series, 1897-1894....	Discharging.....	8260
W14662	151	0-3/0	1900, .33-.35 m/m Thick.....	Receiving.....	20387
W14663	152	0-3/0	1900, .28-.30 m/m Thick.....	Receiving.....	20388
W14664	153	0-3/0	1907.....	Receiving.....	20389
W14667	154	0-3/0	1900, .33-.35 m/m Thick.....	Discharging.....	20391
W14668	155	0-3/0	1900, .28-.30 m/m Thick.....	Discharging.....	20392
W14669	156	0-3/0	1907.....	Discharging.....	20393
W14676	157	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D	Receiving.....	26182
W14679	158	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D	Discharging.....	26184
W14687	160A	6/0	1943-6/0B-6/0B S.S. Small....	Receiving.....	6080
W14688	160B	6/0	1943-6/0B-6/0B S.S. Small....	Discharging.....	6081
W14682	159	10L	.....	Receiving.....	27280
W14684	160	10L	.....	Discharging.....	27283
W14687	160A	870-870R-750- 750B-750D-679- 678-650-450	.....	Receiving.....	6080
W14688	160B	870-870R-750- 750B-750D-679- 678-650-450	.....	Discharging.....	6081
W14708	160C	675	.....	Receiving.....	67080
W14710	160D	675	.....	Discharging.....	67081

For Waltham imported models, see Name & Caliber List.

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## WASHERS, BALANCE (TIMING)

W9354	368	18-16	.....	6 Seconds Per Hour
W9354A	369	18-16	.....	12 Seconds Per Hour
W9354D	370	14-12-6	.....	6 Seconds Per Hour
W9354E	371	14-12-6	.....	12 Seconds Per Hour
W9354F	372	14-12-6	.....	16 Seconds Per Hour
W9354H	373	12	Colonial 1924.....	6 Seconds Per Hour
W9354K	376	0-3/0	.....	5 Seconds Per Hour
W9354L	377	0-3/0	.....	12 Seconds Per Hour
W9354M	378	0-3/0	.....	16 Seconds Per Hour
W9354R	374	6/0-10L-7¼L	.....	6 Seconds Per Hour
W9354T	375	650-450-400	.....	8 Seconds Per Hour

## WASHERS, BRACELET SLEEVE

W9360	380	.....	.....	.25 m/m Thick
W9361	381	.....	.....	.12 m/m Thick

## WHEELS, CENTER & PINION

W9740	.....	8 Day 37s	1910.....	28164
W9745	.....	18	1883.....	1289
W9746	.....	18	1892.....	1680
W9750	.....	16	1899-1908.....	4804
W9757	.....	14-10	Colonial A.....	77610-77612
W9759	.....	14	Colonial Series.....	7626A
W9760	.....	14-12	1897-1894.....	8099
W9767	.....	12	Colonial 1924-Colonial R 1945.....	7822
W9780	.....	0-3/0	1900-1907.....	20111
W9786	.....	3/0	1900-1907.....	20114
W9787	.....	3/0	1900-1907..... S.S.	20115
W9792	.....	6/0	1898-1912.....	26062
W9793	.....	6/0	1898-1912.....	26062A
W9794	.....	6/0	1898-1912..... S.S.	26066
W9795	.....	6/0	1942-6/0B-6/0C-6/0D.....	26247
W9796	.....	6/0	1942-6/0B S.S.-6/0C-6/0D... S.S.	26246
W9802	.....	10L	..... Thick.....	27078
W9803	.....	10L	..... Thin.....	27079
W9809	.....	870	.....	6246
W9810	.....	870-870R	.....	83246
W9811	.....	870	..... S.S.	83247
W9816	.....	7½L-5¼L	.....	30076
W9819	.....	750-750B-750D	.....	75246
W9793	.....	7¼L	.....	26062A
W9822	.....	679-678	.....	678246
W9823	.....	675-670A	.....	675246
W9824	.....	670	.....	67246
W9809	.....	650-450	.....	6246
W9833	.....	400	.....	40246

## WHEELS, CROWN

W9900	.....	8 Day 37s	1910.....	28076
W9905	.....	18	1883.....	1244
W9907	.....	18	1892.....	1619
W9912	.....	16	1899-1908.....	4722
W9920	.....	14-10	Colonial A.....	77580
W9921	.....	14-12	Colonial Series-1897-1894.....	8088
W9926	.....	12	Colonial 1924.....	7890
W9932	.....	0-3/0	1900-1907.....	20073
W9936	.....	6/0	1898.....	26014

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

# WALTHAM

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## WHEELS, CROWN — Continued

W9937	.....	6/0	1912.....	26015
W9938	.....	6/0	1942-6/0B-6/0B S.S.-6/0C.....	26234
W9939	.....	6/0	6/0D.....	26434
W9942	.....	10L	.....	27058
W9944	.....	870-870R	.....	83234
W9947	.....	7½L	.....	30205
W9948	.....	750-750B-750D	.....	75234
W9949	.....	7¼L	.....	30740
W9953	.....	679-678-675	.....	675234
W9954	.....	670	.....	67234
W9955	.....	650	.....	6234
W9959	.....	5¼L	.....	30545
W9961	.....	450	.....	45234
W9962	.....	400	.....	40234

## WHEELS, ESCAPE AND PINION

W10060	.....	8 Day 37s	1910.....	Str. Pivots.....	28184
W10071	.....	18	1892.....	Con. Pivots.....	1693
W10079	.....	16	1899-1908-1944-1945-1947-A-16A, S.S. Deck.....	Con. Pivots.....	4830
W10085	.....	14-10	Colonial A.....	Str. Pivots.....	77642
W10087	.....	14-12	Colonial Series- 1897-1894.....	Str. Pivots.....	8118
W10095	.....	12	Colonial 1924- Colonial R 1945.....	Str. Pivots.....	7841
W10096	.....	12	Colonial 1924- Colonial R 1945.....	Con. Pivots.....	7842
W10110	.....	0-3/0	1900.....	Str. Pivots.....	20151
W10113	.....	0-3/0	1907.....	Str. Pivots.....	20154
W10124	.....	6/0	1898-1912.....	Str. Pivots.....	26083
W10126	.....	6/0	1942-6/0B-60/B S.S.....	Str. Pivots.....	26254
W10127	.....	6/0	6/0C-6/0D.....	Str. Pivots.....	26254A
W10128	.....	6/0	6/0C-6/0D.....	Con. Pivots.....	26255
W10134	.....	10L	.....	Str. Pivots.....	27110
W10138	.....	870-870R	.....	Str. Pivots.....	6254
W10139	.....	870-870R	.....	Con. Pivots.....	83254
W10142	.....	7½L-5¼L	.....	Str. Pivots.....	30120
W10144	.....	750-750B-750D	.....	Str. Pivots.....	75254
W10145	.....	750-750B-750D	.....	Con. Pivots.....	75255-75255A
W10148	.....	7¼L	.....	Str. Pivots.....	307108
W10149	.....	7¼L	.....	Con. Pivots.....	307109
W10153	.....	678	.....	Str. Pivots.....	678254
W10154	.....	679-678	.....	Con. Pivots.....	678255
W10157	.....	675-670A	.....	Str. Pivots.....	675254
W10158	.....	675-670A	.....	Con. Pivots.....	675255
W10161	.....	670	.....	Str. Pivots.....	67254
W10162	.....	670	.....	Con. Pivots.....	67254C
W10138	.....	650-450	.....	Str. Pivots.....	6254
W10169	.....	400	.....	Str. Pivots.....	40254

## WHEELS, FOURTH AND PINION

W10290	.....	8 Day 37s	1910.....	.....	28178
W10297	.....	18	1883.....	.....	1301
W10298	.....	18	1892.....	.....	1687
W10302	.....	16	1899-1908-1945-16A.....	.....	4823
W10303	.....	16	1899-1908-1944-1947-A-S.S. Deck.....	.....	4824
W10306	.....	14-10	Colonial A.....	.....	77634
W10307	.....	14	Colonial Series.....	.....	7649
W10309	.....	14-12	1897-1894.....	.....	8115

For Waltham imported models, see Name & Caliber List.

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## WHEELS, FOURTH AND PINION—Continued

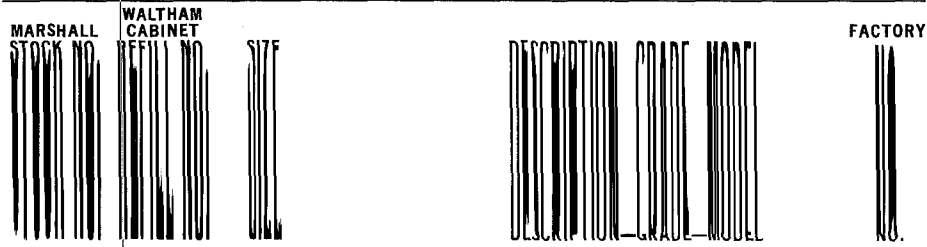
W10314	.....	12	Colonial 1924-Colonial R 1945.....	7834
W10322	.....	0-3/0	1900-1907.....	20140
W10325	.....	3/0	1900-1907.....S.S.....	20142
W10328	.....	6/0	1898-1912.....	26076
W10330	.....	6/0	1942-6/0B-6/0C-6/0D.....	26276
W10331	.....	6/0	1942-6/0B S.S.-6/0C-6/0D S.S.....	26351
W10332	.....	6/0	6/0C-6/0D.....UP. Piv. Conical.....	26376
W10335	.....	10L-7¼L	.....	27100
W10338	.....	870-870R	.....Pivot .15 m/m.....	83250
W10339	.....	870-870R	.....Pivot .20 m/m.....	83250
W10341	.....	870	.....S.S.....	83251
W10345	.....	7½L-5¼L	.....	30105
W10349	.....	750	.....Pivot .15 m/m.....	75250
W10350	.....	750-750B-750D	.....Pivot .20 m/m.....	75250
W10355	.....	679-678	.....	678250
W10356	.....	678	.....UP. Piv. Conical.....	678251
W10359	.....	675-670A	.....	675250
W10360	.....	675	.....Con. Pivots.....	675251
W10363	.....	670	.....	67250
W10366	.....	650-450	.....Pivot .20 m/m.....	6250
W10367	.....	650-450	.....Pivot .15 m/m.....	45250
W10373	.....	400	.....	40250

## WHEELS, HOUR

W10416	.....	8 Day 37s	1910.....	28148
W10423	.....	18	1883.....	1254
W10425	.....	18	1892.....	1622
W10432	.....	16	1899-1908-1944-1945-1947-A-16A.....	4745
W10437	.....	14	Colonial A.....	77550
W10439	.....	14	Colonial Series.....	7600
W10441	.....	14	1897.....	8090A
W10446	.....	12	1894.....	8090
W10448	.....	12	Colonial 1924-Colonial R 1945.....	7914
W10451	.....	10	Colonial A.....	77862
W10457	.....	0	1900-1907.....	20080
W10460	.....	3/0	1900-1907.....	20083
W10461	.....	3/0	1900-1907.....S.S.....	20081
W10466	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....1.50 m/m Height....	26032
W10467	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....1.75 m/m Height....	26032
W10468	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....1.95 m/m Height....	26032
W10469	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....2.15 m/m Height....	26032
W10470	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....2.45 m/m Height....	26032
W10471	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....2.78 m/m Height....	26032
W10472	.....	6/0-7¼L	1898-1912-1942-6/0B-6/0C-6/0D.....3.05 m/m Height....	26032
W10473	.....	6/0	1898-1912-1942-6/0B S.S.-6/0C-6/0D.....S.S.....	26032S
W10479	.....	10L	.....	27029
W10486	.....	870-750-750B-750D-650-450	.....1.20 m/m Height....	6256
W10487	.....	870-870R-750-750B-750D-650-450	.....1.40 m/m Height....	6256
W10488	.....	870-750-750B-750D-650-450	.....1.70 m/m Height....	6256

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

# WALTHAM



## WHEELS, HOUR — Continued

W10493	.....	870-750-750B-750	.....	
		750D-650-450	.....1.83 m/m Height....	6256
W10489	.....	870-750-750B-		
		750D-650-450	.....2.05 m/m Height....	6256
W10490	.....	870-750-750B-		
		750D-650-450	.....2.38 m/m Height....	6256
W10491	.....	870-750-750B-		
		750D-650-450	.....2.78 m/m Height....	6256
W10492	.....	870-750-750B-		
		750D-650-450	.....3.08 m/m Height....	6256
W10494	.....	870	.....S.S.....	83257
W10497	.....	7½L-5¼L	.....	30275
W10506	.....	678-679	.....1.30 m/m Height...	678256
W10507	.....	678-675-670	......95 m/m Height....	67256
W10518	.....	400	......80 m/m Height....	40256

## WHEELS, MINUTE

W10710	.....	8 Day 37s	1910.....	28145
W10713	.....	8 Day 22s	A-13A Aircraft.....	23117
W10715	.....	18	1883.....	1255
W10717	.....	18	1892.....	1623
W10722	.....	16	1899-1908-1944-1945-	
			1947-A-16A-S.S. Deck.....Gilt.....	4748
W10723	.....	16	1899-1908-1944-1945-	
			1947-A-16A-S.S. Deck.....Nick.....	4748
W10726	.....	14-10	Colonial A.....	77551
W10727	.....	14-12	1897-1894-Colonial Series-Colonial 1924-	
			Colonial R 1945.....	7915-8091
W10735	.....	0-3/0	1900-1907.....	20084
W10739	.....	6/0	1898-1912-1942-6/0B-6/0B S.S.-6/0C-6/0D....	26033
W10743	.....	10L	.....	27031
W10745	.....	870-870R-750-		
		750B-750D	.....	6258
W10747	.....	7½L-5¼L	.....	30270
W10739	.....	7¼L	.....	26033
W10751	.....	679-678-675-670	.....	67258
W10745	.....	650-450	.....	6258
W10757	.....	400	.....	40258

## WHEELS, RATCHET (WINDING)

W10801	.....	8 Day 37s	1910.....	28072
W10808	.....	18	1883.....	1248
W10809	.....	18	1892.....	1620
W10815	.....	16	1899-1908-1944-1945-1947-A-16A.....	4718A
W10821	.....	16	105A Timer.....	A-98
W10823	.....	14-10	Colonial A.....	77578
W10826	.....	14-12	Colonial Series—1897-1894.....	8089B
W10832	.....	12	Colonial 1924.....	7887
W10839	.....	0-3/0	1900-1907.....	20077
W10845	.....	6/0	1898-1912.....	26011
W10846	.....	6/0	1898-1912.....	26012
W10847	.....	6/0	1942-6/0B-6/0B S.S.-6/0C.....	26264
W10848	.....	6/0	6/0D.....	26464
W10850	.....	10L	.....	27051
W10854	.....	870-870R	.....	6264
W10856	.....	7½L-5¼L	.....	30195
W10859	.....	750-750B-750D	.....	75266
W10845	.....	7¼L	.....	26011
W10864	.....	679-678	.....	678264
W10866	.....	675	.....	675264

For Waltham imported models, see Name & Caliber List.

MARSHALL STOCK NO.	WALTHAM CABINET REFILL NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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## WHEELS, RATCHET (WINDING) — Continued

W10868	.....	670	.....	67264
W10854	.....	650	.....	6264
W10872	.....	450	.....	45264
W10874	.....	400	.....	40264

## WHEELS, SETTING

W10980	.....	8 Day 37s	1910.....	28094
W10983	453	18	1883.....	1252
W10984	.....	18	1892.....	1621
W10987	454	16	1899-1908-1944-1945-1947-A-16A-S.S. Deck...	4733
W10990	.....	14-10	Colonial A.....	77540
W10992	456	14-12	Colonial Series-1897-1894.....	8092
W10995	455	12	Colonial 1924-Colonial R 1945.....	7911
W11003	457	0-3/0	1900-1907.....	20086
W11007	458	6/0-10L	1898-1912.....	27028-20083
W11008	.....	6/0	1942-6/0B-6/0B S.S.-6/0C-6/0D.....	26262
W11012	.....	870-870R-750-650	.....	6263
W11016	.....	750B-750D	.....	6263B
W11014	.....	7½L	.....	30265
W11017	.....	7¼L	.....	30770
W11019	.....	679-678	.....	678263
W11020	.....	675-670	.....	67263
W11026	.....	5¼L	.....	30540
W11028	.....	450	.....	4562
W11030	.....	400	.....	40262

## WHEELS, SWEEP SECOND

W11101	.....	16	S.S. Deck Timer.....	4810
W11105	.....	3/0	1900-1907.....	20122
W11107	.....	6/0	1898-1912.....	26067
W11263	.....	6/0	1942-6/0B S.S.-6/0C-6/0D.....	26349

## WHEELS, THIRD AND PINION

W11200	.....	8 Day 37s	1910.....	28172
W11205	.....	18	1883.....	1296
W11207	.....	18	1892.....	1685
W11215	.....	16	1899-1908-1944-1945-1947-A-16A.....	4816
W11224	.....	14-10	Colonial A.....	77625
W12228	.....	14-12	Colonial Series-1897-1894.....	8110
W11234	.....	12	Colonial 1924-Colonial R 1945.....	7828
W11245	.....	0-3/0	1900-1907.....	20128
W11258	.....	6/0	1898.....	26070
W11259	.....	6/0	1912.....	26071
W11260	.....	6/0	1898-1912..... S.S.....	26071S
W11262	.....	6/0	1942-6/0B-6/0C-6/0D.....	26270
W11263	.....	6/0	1942-6/0BS.S.-6/0C-6/0D..... S.S.....	26349
W11269	.....	10L	.....	27094
W11273	.....	870-870R	.....	83248
W11274	.....	870	..... With S.S. Wheel.....	83249
W11278	.....	7½L-5¼L	.....	30091
W11281	.....	750-750B-750D	..... 20 m/m Pivots.....	75248
W11285	.....	7¼L	.....	30791
W11287	.....	679-678	.....	678248
W11288	.....	678	..... UP. Piv. Conical.....	678249
W11291	.....	675	.....	675248

## WHEELS, WINDING see WHEELS, RATCHET

# MAINSPRINGS For AMERICAN WATCHES

Select mainsprings for American watches by referring to alphabetical listing by watch make starting below with Elgin.

\*Asterisk means number has been discontinued by factory. Therefore we might not have it in stock. We will substitute with the closest size whenever possible.

## ELGIN

D. B. & H.  
(Double Brace  
and Hole)



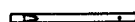
S. B.  
(Single Brace)



HOLE  
(Hole End)



BRIDLE  
(Automatic  
Brake Spring)



TONGUE  
(Tongue End)



### STEEL and DURAPOWER MAINSPRING COMPARATIVE CHART

OLD STEEL FACTORY NO. DISCONTINUED BY FACTORY	NEW DURAPOWER FACTORY NO.	OLD STEEL FACTORY NO. DISCONTINUED BY FACTORY	NEW DURAPOWER FACTORY NO.
825	6094	5015	6100
1957	6099	5131	6101
2097	6095	5219	6002
2339	6093	5327	6004
2705	6097	5550	6003
2890	6098	5724	6005
4789	6096		

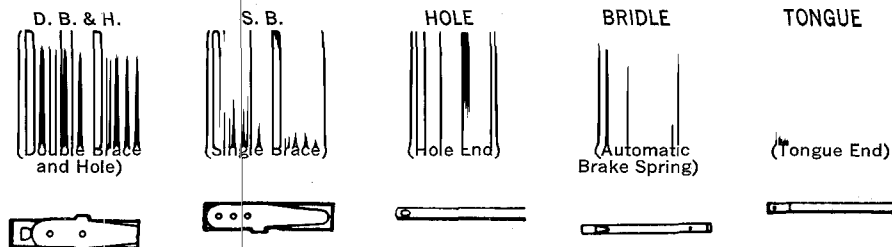
Marshall Stock No.	Elgin Cabinet Refill No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No. & Strength in Inches
						Wd.	Str.		Wd.	Str.	
109		37	D. B. & H.	Steel, 8 Day	All	4.67	240	29	38	0 1/2	4457-0095
108		22	D. B. & H.	Steel, 8 Day, 56z	All	5.46	215	26 1/2	46	2 1/2	4935-0085
100	839-283	18	S. B.	Steel, Veritas	19-21 JL	3.91	177	25 1/2	30	5 1/2	1956-007
*105		18	S. B.	Steel, Veritas	23 JL	3.91	171	25 1/2	30	6	1956-00675
103	838-282	18	D. B. & H.	Steel	7-15 JL	2.92	228	22 1/2	20	2	812-009
102	837-281	18	D. B. & H.	Steel	17 JL	2.92	222	22 1/2	20	2	812-00875
101		18	D. B. & H.	Steel	21 JL	2.92	215	22 1/2	20	2 1/2	812-0085
*106		18	D. B. & H.	Steel, Extra Light Strength (Corrects Overbanking)	21 JL	2.92	209	22 1/2	20	3	812-00825
110	843-287	16	S. B.	Steel, B. W. Raymond (Old)	17-19 JL	2.64	190	21	17 1/2	4	2542-0075
*107		16	S. B.	Steel, B. W. Raymond (Old)	21-23 JL	2.64	184	21	17 1/2	4 1/2	2542-00725
113	842-286	16	D. B. & H.	Steel, 590	7-15 JL	2.64	203	21 1/2	17 1/2	3 1/2	817-008
112	841-285	16	D. B. & H.	Steel	17-19 JL	2.64	196	21 1/2	17 1/2	3 1/2	817-00775
111	840-284	16	D. B. & H.	Steel	19-21 JL	2.64	190	21 1/2	17 1/2	4	817-0075
*114		16	D. B. & H.	Steel, Extra Light Strength (Corrects Overbanking)	21 JL	2.64	184	21 1/2	17 1/2	4 1/2	817-00725
116		16	D. B. & H.	Steel, Motor Barrel	23 JL	2.64	184	23 1/2	17 1/2	4 1/2	4931-00725
*117		16	D. B. & H.	Steel, Motor Barrel	23 JL	2.64	177	23 1/2	17 1/2	5	4931-007
118		16	D. B. & H.	Dura Power, B. W. Raymond (New), 571 thru 575-616	15-21 JL	2.92	185	24 1/2	20	4 1/2	6164-0073
81		12	D. B. & H.	Alloy, 657 (LIP-R40)	17 JL	2.20	165	23 1/2	1	6 1/2	
57		12	Tongue	Alloy, 755	17 JL	2.20	16	23 1/2	13	6 1/2	
130	845-288	12	S. B.	Steel, Steel Barrel	7-17 JL	2.23	190	20	13 1/2	4	1712-0075
*129		12	S. B.	Steel, Steel Barrel	19-23 JL	2.23	184	20	13 1/2	4 1/2	1712-00725
131		12	D. B. & H.	Steel, Old Model, Wide Barrel	7-17 JL	2.23	190	18 1/2	13 1/2	4	1720-0075
*134		12	D. B. & H.	Steel, Old Model, Wide Barrel	19-23 JL	2.23	184	18 1/2	13 1/2	4 1/2	1720-00725
132	846-289	12	D. B. & H.	Steel, Regular Model	7-15 JL	2.05	196	20	11 1/2	3 1/2	2339-00775
135		12	D. B. & H.	Steel, Regular Model	17 JL	2.05	190	20	11 1/2	4	2339-0075
*136		12	D. B. & H.	Steel, Regular Model	19 JL	2.05	184	20	11 1/2	4 1/2	2339-00725
123		12	D. B. & H.	Dura Power, Regular Model	7-15 JL	2.05	195	20	11 1/2	3 1/2	6093-0077
122	846-289	12	D. B. & H.	Dura Power, Regular Model	17 JL	2.05	190	20	11 1/2	4	6093-0075
121		12	D. B. & H.	Dura Power, Regular Model	19 JL	2.05	185	20	11 1/2	4 1/2	6093-0073
133	847-290	12	D. B. & H.	Steel, Streamline Model	17 JL	1.65	190	20 1/2	7 1/2	4	2874-0075
137		12	D. B. & H.	Steel, 491-495 thru 498	19-21 JL	1.65	184	20 1/2	7 1/2	4 1/2	2874-00725
*138		12	D. B. & H.	Steel, Streamline, Extra Light Strength (Corrects Overbanking)	21 JL	1.65	178	20 1/2	7 1/2	5 1/2	2874-007
143		10	D. B. & H.	Dura Power, 546	15 JL	1.65	185	17 1/2	7 1/2	4 1/2	6001-0073
142		10	D. B. & H.	Dura Power, 542-543	21 JL	1.65	175	17 1/2	7 1/2	5 1/2	6001-0069
151	849-291	6	D. B. & H.	Steel	7-15 JL	1.88	177	17 1/2	10	5 1/2	824-007
*150		6	D. B. & H.	Steel	17 JL	1.88	171	17 1/2	10	6	824-00675
158		0	D. B. & H.	Dura Power	7 JL	1.27	157	14	3 1/2	6 1/4	6094-0062
160	850-292	0	D. B. & H.	Dura Power	15 JL	1.27	152	14	3 1/2	7	6094-0060
159		0	D. B. & H.	Dura Power, Extra Light Strength (Corrects Overbanking)	15 JL	1.27	147	14	3 1/2	7 1/2	6094-0058
161		0	Hole	Steel, Old Model	7-15 JL	1.27	158	16	3 1/2	6 1/2	2328-00625

\*Discontinued by the factory. We will substitute the closest size.



# MAINSPRINGS For AMERICAN WATCHES

## ELGIN-Cont.



Marshall Stock No.	Elgin Cabinet Refill No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No. & Strength In Inches
						Wd.	Str.		Wd.	Str.	
162	851-293	0	S.B.	Steel, Steel Barrel	7-15 JL	1.65	.139	16½	7½	8	1713-0055
165	0	0	S.B.	Steel, Steel Barrel	17 JL	1.65	.133	16½	7½	8½	1713-00525
164	852-294	0-3/0	D.B.&H.	Dura Power	7 JL	1.65	.139	16½	7½	8	6095-0055
163	853-295	0-3/0	D.B.&H.	Dura Power	15-17 JL	1.65	.134	16½	7½	8½	6095-0053
171		0-3/0	D.B.&H.	Dura Power, Extra Light Strength (Corrects Overbanking)	17 JL	1.65	.129	16½	7½	9	6095-0051
174		4/0	D.B.&H.	Dura Power, Sweep Second	7 JL	1.88	.119	15¼	10	9½	6096-0047
173	854-295½	4/0	D.B.&H.	Dura Power	7-17 JL	1.88	.114	15¼	10	9¼	6096-0045
*172		4/0	D.B.&H.	Dura Power	7-17 JL	1.88	.109	15¼	10	10½	6096-0043
146		4/0	Automatic	Dura Power, 607-618, With Brake	18 JL	1.29	.094	12	4	11½	6329-0037
145		4/0	Automatic	Dura Power, 607-618, With Brake	18 JL	1.29	.089	12	4	12	6329-0035
144		4/0	Automatic	Dura Power, 607-618, With Brake	18 JL	1.29	.084	12	4	12½	6329-0033
71		4/0	Tongue	Alloy 790	17 JL	1.43	.10	12	5	11	
70		4/0	Brake	Alloy 790 Brake	17 JL	1.23	.20	1¾	3½	3½	
140		11½L	Tongue	Dura Power, Wadsworth (A.S. 1123-1124)	All	1.60	.10	11½	7	11	6703
147		11½L	Tongue	Dura Power, Wadsworth (A.S. 1194)	All	1.60	.10	10½	7	11	6711
152		11½L	Tongue	Dura Power, Wadsworth (A.S. 1430)	All	1.55	.12	13	6½	9	6751
149		11½L	Automatic	Dura Power, 627-643-654, With Brake	17 JL	1.45	.102	11½	5½	11	6612-004
180	855-296	5/0	D.B.&H.	Dura Power, 380	15 JL	1.27	.129	11½	3½	9	6097-0051
80		5/0	Tongue	Alloy 659	17 JL	1.38	.12	13¾	5	9½	
79		5/0	Tongue	Alloy 663-664	17 JL	1.20	.105	13¾	3	10½	
64		5/0	Brake	Alloy 663-664 Brake	17 JL	1.15	.17	1¾	2½	6	
78		5/0	Tongue	Alloy 679	17 JL	1.55	.1125	13	6½	10	
77		5/0	Tongue	Alloy 694-695	17 JL	1.70	.10	11¾	8	11	
83		5/0	Tongue	Alloy 720-723	17 JL	1.42	.104	13	5	11	
69		5/0	Tongue	Alloy 791	17 JL	1.30	.095	11¾	4	11½	
68		5/0	Automatic	Alloy 792 With Brake	17 JL	1.30	.10	13½	4	11	
67		5/0	Automatic	Alloy 793 With Brake	17 JL	1.20	.10	11½	3	11	
65		5/0	Tongue	Alloy 823-824	17 JL	1.55	.10	11	6½	11	
52		5/0	Tongue	Alloy 870	17 JL	1.15	.115	12¾	2½	9¾	
58		5/0	Tongue	Alloy 880	17 JL	1.40	.105	11½	5	10½	
55		5/0	Tongue	Alloy 882 Time	17 JL	1.48	.10	11¾	5¾	11	
54		5/0	Tongue	Alloy 882 Alarm	17 JL	1.84	.08	12	9½	13	
51		5/0	Tongue	Alloy 883	17 JL	1.60	.105	14¾	7	10½	
*183		5/0-6/0	D.B.&H.	Steel, Extra Light Strength (Corrects Overbanking)	17 JL	1.27	.102	11½	3½	11	2890-004
182	856-297	5/0-6/0	D.B.&H.	Dura Power, 403-432	7 JL	1.27	.114	11½	3½	9¾	6098-0045
181	857-298	5/0-6/0	D.B.&H.	Dura Power, 399-408-428 thru 431	15 JL	1.27	.109	11½	3½	10½	6098-0043
*184		5/0-6/0	D.B.&H.	Dura Power	17 JL	1.27	.104	11½	3½	11	6098-0041
91		6/0	Automatic	Dura Power, 760-761-762, With Brake	19-30 JL	1.15	.104	9¾	2½	11	
175		10½L	Tongue	Dura Power, Wadsworth 629 (FF 28)	All	1.45	.10	13½	5½	11	6752
185		8/0	D.B.&H.	Dura Power, 532-539-647-685-687	16 JL	1.64	.109	12	7½	10½	6002-0043
188	858-300B	8/0	D.B.&H.	Dura Power, 519-524-526-531-554-555-641-642-681-682-683	15-17 JL	1.64	.104	12	7½	11	6002-0041
177		8/0	D.B.&H.	Dura Power, 556-680-688	21 JL	1.64	.099	12	7½	11¼	6002-0039
50		8/0	Tongue	Alloy M112	17 JL	1.33	.11	13¾	4	10	
148		9¼L	Automatic	Dura Power, 644-645-653, With Bridle	17 JL	1.45	.081	10½	5½	13	6621-0032
191	859-299	10/0-16/0-18/0	D.B.&H.	Dura Power, 404	7-15 JL	1.27	.114	10	3½	9¾	6099-0045
190	860-300	10/0-16/0-18/0	D.B.&H.	Dura Power, 522, Sweep Second	15-17 JL	1.27	.109	10	3½	10½	6099-0043
192		10/0-16/0-18/0	D.B.&H.	Dura Power, 482-483-484-488-518	15-17 JL	1.27	.104	10	3½	11	6099-0041
93		13/0	Tongue	Dura Power, 630-710 thru 719-721-724	All	1.45	.091	12¾	5½	12	6811-0036

\*Discontinued by the factory. We will substitute the closest size.

# MAINSPRINGS For AMERICAN WATCHES

## ELGIN - Cont.

Marshall Stock No.	Elgin Cabinet Refill No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No. & Strength In Inches
						Wd.	Str.		Wd.	Str.	
99		13/0	Tongue	Dura Power, 630-710 thru 719-721-724	All	1.45	.094	12¼	5½	11½	6811-.0037
92		13/0	Tongue	Dura Power, 630-710 thru 719-721-724	All	1.45	.097	12¼	5½	11¼	6811-.0038
90		13/0	Tongue	Dura Power } 730-730C-732	All	1.45	.104	11¼	5½	11	.0041
89		13/0	Tongue	Dura Power } 784-785-787	All	1.45	.102	11¼	5½	11	.0040
88		13/0	Tongue	Dura Power } 784-785-787	All	1.45	.107	11¼	5½	10½	.0042
87		13/0	Tongue	Dura Power 750-752	All	1.37	.107	10½	4½	10½	.0042
86		13/0	Tongue	Dura Power 750-752	All	1.37	.109	10½	4½	10	.0043
85		13/0	Tongue	Dura Power 750-752	All	1.37	.112	10½	4½	10¼	.0044
73		13/0	Tongue	Alloy 747	7 JL.	1.60	.08	10	7	13	
63		13/0	Tongue	Dura Power 729-781-782-783-804-805	18 JL.	1.45	.109	10½	5½	10½	.0043
179		15/0	D.B.&H.	Dura Power, 557-623	15 JL.	1.28	.114	12	4	9¼	6003-.0045
189	861-300D	15/0	D.B.&H.	Dura Power, 536-537-538-558-624-672-673-674	17 JL.	1.28	.107	12	4	10½	6003-.0042
178		15/0	D.B.&H.	Dura Power, 559-626-670-671-675	21 JL.	1.28	.102	12	4	11	6003-.0040
56		15/0	Automatic	Alloy 881 With Brake	17 JL.	1.30	.075	8½	4	13½	
127		6¼x8L	Tongue	Dura Power, Wadsworth (FF 60)	7 JL.	1.60	.08	9½	7	13	6705
128		6¼x8L	Tongue	Dura Power, Wadsworth 632 (FF 62)	17 JL.	1.40	.08	9½	5	13	6710
*139		6¼x8L	Tongue	Dura Power, Wadsworth 628 (UT 543)	All	1.40	.08	10	5	13	6702
82		17/0	Automatic	Alloy 634 With Brake	17 JL.	1.50	.065	8¾	6	14½	
76		18/0	Tongue	Alloy 696-697-749	All	1.60	.08	9¼	7	13	
72		18/0	Tongue	Alloy 748	17 JL.	1.57	.08	9¾	6½	13	
66		18/0	Tongue	Alloy 820-821	All	1.35	.09	9	4½	12	
155		19/0	D.B.&H.	Dura Power, 661-662-668, Wadsworth 800	17 JL.	1.50	.079	12½	6	13	6330-.0031
154		19/0	D.B.&H.	Dura Power, 666-667	18 JL.	1.50	.074	12½	6	13¾	6330-.0029
153		19/0	D.B.&H.	Dura Power, 660	19 JL.	1.50	.069	12½	6	14	6330-.0027
*193		20/0	D.B.&H.	Dura Power, 492-504	All	1.18	.094	8½	3	11½	6100-.0037
*197	862-300½	20/0	D.B.&H.	Dura Power, 492-504	All	1.18	.089	8½	3	12	6100-.0035
195		20/0	D.B.&H.	Dura Power, 492-504	All	1.18	.084	8½	3	12½	6100-.0033
176		20/0	Tongue	Dura Power (700 thru 705-740)	All	1.45	.067	7½	5½	14¼	6693-.0026
95		20/0	Tongue	Dura Power 742-743-744-803-830-830A-832-832A-833-833A	All	1.45	.069	7½	5½	14	6693-.0027
94		20/0	Tongue	Dura Power 742-743-744-803-830-830A-832-832A-833-833A	All	1.45	.071	7½	4½	14	6693-.0028
53		20/0	Tongue	Dura Power, 900-902	All	1.45	.076	6½	5½	13½	.0030
169		21/0	D.B.&H.	Dura Power, 617-617L	17 JL.	1.25	.081	7¼	3½	12½	6005-.0032
187	864-300F	21/0	D.B.&H.	Dura Power, 617-617L	17 JL.	1.25	.076	7¼	3½	12¾	6005-.0030
168		21/0	D.B.&H.	Dura Power, 619-619L	19 JL.	1.25	.071	7¼	3½	13	6005-.0028
167		21/0	D.B.&H.	Dura Power, 541	15 JL.	1.28	.097	9½	4	11¼	6004-.0038
199	863-300C	21/0	D.B.&H.	Dura Power, 521-523-529-533-620	17 JL.	1.28	.091	9½	4	12	6004-.0036
166		21/0	D.B.&H.	Dura Power, 535-547	19 JL.	1.28	.087	9½	4	12¼	6004-.0034
126		21/0	D.B.&H.	Dura Power, 651	17 JL.	1.52	.074	9½	6	13¾	6246-.0029
125		21/0	D.B.&H.	Dura Power, 650-656	19 JL.	1.52	.069	9½	6	14	6246-.0027
124		21/0	D.B.&H.	Dura Power, 655	21 JL.	1.52	.058	9½	6	14¾	6246-.0023
62		21/0	Tongue	Alloy 807-808	All	1.35	.07	7½	4½	14	
*157		26/0	D.B.&H.	Dura Power	All	1.10	.089	8½	2	12	6101-.0035
198	865-300A	26/0	D.B.&H.	Dura Power, 512-513	All	1.10	.084	8½	2	12½	6101-.0033
156		26/0	D.B.&H.	Dura Power	All	1.10	.079	8½	2	13	6101-.0031

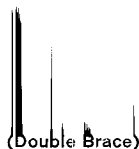
\*Discontinued by the factory. We will substitute the closest size.

# MAINSPRINGS For AMERICAN WATCHES

## HAMILTON

D. B.

S. B.



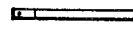
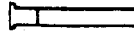
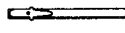
(Double Brace)

T-BRACE

(Single Brace)

T

TONGUE



Marshall Stock No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Metric		Lgth. Ins.	Dennison		Old Factory No.	New Factory No.
				Wd.	Str.		Wd.	Str.		
402	18	T	Steel, 924 thru 939-948	2.80	.21½	21	19	2½	15	718013
400	18	T	Steel, 924 thru 939-948	2.80	.20½	21	19	3½	15	718012
401	18	T	Steel, 940-941	2.80	.20	21	19	3½	15	718011
403	18	D.B.	Steel, 936-937-940 thru 944-946, Motor Barrel	3.10	.18	25	22	5	232	718014
404	18	S.B.	Steel, 944-946, Old Style, Motor Barrel	3.20	.18½	25	23	4½	14	718010
410	16	T	Steel, 954-960 thru 963-966-967-970 thru 973-990 thru 994	2.80	.19	21	19	4	317	718042
409	16	T	Steel, 954-956-960 thru 978-990 thru 994	2.80	.18	21	19	5	317-318	718041
411	16	T	Steel, 956-964-965-968-969-974 thru 978	2.80	.19½	21	19	3¾	318	718043
420	16	T	Alloy 955-956-960 thru	2.80	.17	21	19	6	317	
421	16	T	Alloy 978-990 thru	2.80	.18	21	19	5	317-318	
422	16	T	Alloy 994	2.80	.19½	21	19	3¾	318	
416	16	D.B.	669	2.65	.19	20½	17½	4	6321	
412	16	D.B.	Steel, 950-950E-952-960-961-970-971-990 thru 994-996	2.80	.16½	21	19	6¼	534-535	718047
493	16	D.B.	Steel, 950B-992B	3.00	.15½	24	21	6¼	534B	718050
415	16	D.B.	Dynavar, 950B-992B	2.98	.16	29	21	6½	35435	717042
493D	16	D.B.	Dynavar, 950B-992B	2.98	.15	29	21	7	35434	717041
414	16	D.B.	Dynavar, 950B-992B	2.98	.14	29	21	8	35433	717040
430	12	D.B.	Steel, 900-902-904-910-912-914-916-918-920-922	1.70	.17½	21¼	8	5½	1228-3028	718071
431	12	D.B.	Steel, 400	1.40	.16	18½	5	6½	3328	718073
406	17L		Alloy 699							716720
458	10	D.B.	Steel, 917-921-923	1.50	.17	17	6	6	6021	718101
459	10	D.B.	Dynavar, 917-921-923-945	1.50	.17	18½	6	6	20434	717102
457	10	D.B.	Dynavar, 917-921-923-945	1.50	.16	18½	6	6½	20433	717101
456	10	D.B.	Dynavar, 917-921-923-945	1.50	.15	18½	6	7	20432	71700
460	0	T	Steel, 981-983	1.45	.14½	14	5½	7½	1536	718141
461	0	D.B.	Steel, 985	1.45	.14½	14	5½	7½	1535	718140
418	12½ L	Automatic	Alloy 663-666-668-691—w/ Bridle	.97	.10	12	1	11	66621	716751
417	12½	Tongue	Alloy 675	1.62	.12½	14	7	9¼	67521	716750
463	11½ L	Tongue	Alloy 671	1.47	.10½	12	5½	10½	67121	716781
464	11½	Automatic	Alloy 672—w/ Bridle	1.45	.10½	11	5½	10½	67221	716782
419	11½	Tongue	Alloy 673-686	1.60	.095	11	7	11½	67321	716783
465	11½	Tongue	Alloy 676-687	1.20	.11	13¾	3	10	67621	716784
432	11½	Automatic	Alloy 677-679-689-692—w/ Bridle	1.30	.10	13¾	4	11	67721	716785
405	11½	Tongue	Alloy 678-688	1.30	.11	12½	4	10	67821	716786
437	11½ L	Hook	Dynavar, 658-661-662-664-665-667-690	1.30	.11	11½	4	10	821	716780
*438	11½ L	Brake	Dynavar, 658-661-662-664-665, Brake Spring Supply Barrel Comp. No. H545	1.20	.16	1½	3	6½	856	
480	6/0	T	Steel, 986-988	1.40	.13½	10	5	8½	1721-1921	718200
481	6/0	T	Steel, 986A-987A-987S	1.40	.12½	11½	5	9¼	2321	718201
482	6/0	T	Steel, 987-987E-987F	1.40	.12	11½	5	9¼	2521	718202
483	6/0	T	Steel, 979	1.40	.11½	11½	5	9¼	2621	718203
436	6/0	T	Dynavar, 986-988	1.35	.12	11	4½	9½	27435	717203
435	6/0	T	Dynavar, 986A-987A-987S	1.35	.11½	11	4½	9¼	27434	717202
434	6/0	T	Dynavar, 987-987E-987F	1.35	.11	11	4½	10	27433	717201
433	6/0	T	Dynavar, 979	1.35	.10½	11	4½	10½	27432	717200
478	8/0	T-Brace	Steel, 747-748	1.50	.09½	13¾	6	11½	7221	718272
479	8/0	T-Brace	Steel, 747-748	1.50	.09	13¾	6	12	7221	718271
477	8/0	T-Brace	Steel, 747-748	1.50	.08½	13¾	6	12½	7221	718270
476	8/0-12/0	T-Brace	Dynavar 730-735-747	1.50	.09½	13¾	6	11½	44434	717273
475	8/0-12/0	T-Brace	Dynavar 748-752-753	1.50	.09	13¾	6	12	44433	717272
474	8/0-12/0	T-Brace	Dynavar 754-770	1.50	.08½	13¾	6	12½	44432	717271
473	8/0-12/0	T-Brace	Dynavar	1.50	.08	13¾	6	13	44431	717270
484	12/0	T-Brace	Steel, 401	1.20	.12½	14½	3	9½	4128	718400
485	14/0	T-Brace	Steel, 980-980A-980B-982-982M	1.30	.11	11½	4	10	5021	718440
472	14/0	T-Brace	Dynavar, 980-980A-980B-982-982M	1.30	.11¼	12½	4	9¼	14434	717442
471	14/0	T-Brace	Dynavar, 980-980A-980B-982-982M	1.30	.10½	12½	4	10½	14433	717441
470	14/0	T-Brace	Dynavar, 980-980A-980B-982-982M	1.30	.10	12½	4	11	14432	717440
490	18/0	T	Steel, 989-989E	1.10	.08½	11	2	12½	2721	718501
498	6¾x8L	Tongue	Alloy 604-610	1.35	.08	9	4½	13	6421	716871
462	6¾Lx8L	Tongue	Alloy 603	1.54	.08	10	6½	13	60321	716870

\*Discontinued by the factory. We will substitute the closest size.

# MAINSPRINGS For AMERICAN WATCHES

## HAMILTON—Cont.

Marshall Stock No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Metric		Lgth. Ins.	Dennison		Old Factory No.	New Factory No.
				Wd.	Str.		Wd.	Str.		
491	20/0-21/0	T-Brace	Steel, 721-995-995A-997.....	1.00	.07½	10	1	13½	2921	718531
468	20/0-21/0	T-Brace	Dynavar, 721-995-995A-997.....	1.00	.08¼	10	1	12½	36434	717532
467	20/0-21/0	T-Brace	Dynavar, 721-995-995A-997.....	1.00	.08	10	1	13	36433	717531
466	20/0-21/0	T-Brace	Dynavar, 721-995-995A-997.....	1.00	.07½	10	1	13½	36432	717530
494	21/0	Tongue	Steel, 750-751.....	1.40	.06¾	8½	5	14¼	7421	718535
497	21/0	Tongue	Dynavar 75-77-750.....	1.40	.07	8½	5	14	46433	717572
496	21/0	Tongue	Dynavar 751-756-757.....	1.40	.06½	8½	5	14½	46432	717571
495	21/0	Tongue	Dynavar 761-780.....	1.40	.06	8½	5	15	46431	717570
492	22/0	T-Brace	Steel, 911-911M.....	1.40	.06½	7½	5	14½	6221	718601
486	22/0	T-Brace	Dynavar, 911-911M.....	1.40	.07	8½	5	14	32434	717602
487	22/0	T-Brace	Dynavar, 911-911M.....	1.40	.06¾	8½	5	14¼	32433	717601
488	22/0	T-Brace	Dynavar, 911-911M.....	1.40	.06½	8½	5	14½	32432	717600

# MAINSPRINGS For AMERICAN WATCHES

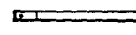
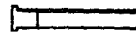
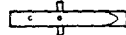
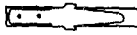
## ILLINOIS

D. B.  
(Double Brace)

T-BRACE

T

TONGUE



Marshall Stock No.	Illinois Cabinet Refill No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No.
						Wd.	Str.		Wd.	Str.	
502	193	18	T	1st to 6th Models.....	7-17 JL.	2.93	.22	21½	20	2	47303
501	.....	18	T	1st to 6th Models.....	19-21 JL.	2.93	.21	21½	20	3	47302
500	.....	18	T	1st to 6th Models.....	23 JL.	2.93	.20	21½	20	3½	47301
516	209	16	D.B.	60 Hour, 13th to 15th.....	19-23 JL.	3.00	.15½	27	21	6¾	47309
511	197	16	T-Brace	4th to 9th, Small Barrel.....	15 JL.	2.70	.20	20½	18	3½	47317
510	196	16	T-Brace	4th to 9th, Small Barrel.....	17 JL.	2.70	.19	20½	18	4	47316
517	.....	16	T-Brace	4th to 9th, Small Barrel.....	19 JL.	2.70	.18½	20½	18	4½	47315
518	.....	16	T-Brace	4th to 9th, Small Barrel.....	21-23 JL.	2.70	.18	20½	18	5	47314
519	198	16	T-Brace	6th to 9th, Large Barrel.....	All	2.70	.18½	22½	18	4½	47322
*515	199	16	T-Brace	6th to 9th, Large Barrel.....	All	2.70	.18	22½	18	5	47321
514	.....	16	D.B.	10th to 12th, Bunn & Sangamo Special.....	All	2.70	.17½	22½	18	5½	47327-47331
520	200	16	D.B.	10th to 12th, Bunn & Sangamo Special.....	All	2.70	.17	22½	18	6	47326-47330
513	195	16	T	4th & 5th, Thick Barrel.....	All	2.90	.20	20½	20	3½	47333
512	194	14-16	T	1st to 3rd, Thin Barrel.....	All	2.50	.21	20	16	3	47334
534	.....	12 & 13	D.B.	1st to 3rd, Abe Lincoln.....	All	1.34	.18	18½	5	5	47338
*532	.....	12 & 13	D.B.	1st to 3rd, Autocrat.....	All	1.34	.17	18½	5	6	47337
533	204	12 & 13	D.B.	1st to 3rd, Marquis.....	All	1.34	.16	18½	5	6½	47336
530	201	12	T-Brace	1st to 4th Models.....	All	1.99	.18	18½	11	5	47344
529	202	12	T-Brace	1st to 4th Models.....	All	1.99	.17	18½	11	6	47343
*531	.....	12	D.B.	5th & 6th Models.....	All	1.99	.16	18½	11	6½	47350
535	203	12	D.B.	5th & 6th Models.....	All	1.99	.15	18½	11	7	47349
*551	205	4 & 6	T	1st Model.....	All	1.77	.16	14	9	6½	47353
560	206	0 & 3/0	T	1st to 4th Models.....	All	1.70	.13½	13	8	8½	47359
5006	.....	11½	Automatic	650 (ETE 1248), With Attached Brake Spring.....	All	1.50	.10	11½	6	11	.....
3933	.....	11½ L	Tongue	650 (ETE 1248), Use With Brake (Tension) Spring No. 2508.....	All	1.50	.10	11½	6	11	.....
5008	.....	11½	Automatic	651-652 (ETA 1256), With Attached Brake Spring.....	All	1.50	.10¼	11¾	6	10¼	.....
3382	.....	11½ L	Tongue	651-652 (ETA 1256), Use With Brake (Tension) Spring No. 2526.....	All	1.50	.10¼	11¾	6	10¼	.....
581	208	6/0	T-Brace	1st to 3rd, Open Face.....	All	1.18	.14	10½	3	8	47365
*580	.....	6/0	T-Brace	1st to 3rd, Open Face.....	All	1.18	.13	10½	3	9	47364
579	207	6/0	T-Brace	1st to 3rd, Open Face.....	All	1.18	.12½	10½	3	9¼	47363
583	.....	6/0	T-Brace	4th to 6th, 607A, Hunting.....	All	1.41	.11½	12½	5	9¾	47371
582	.....	6/0	T-Brace	4th to 6th, 607A, Hunting.....	All	1.41	.11	12½	5	10	47370
3245	.....	10½ & 11½ L	Tongue	653-657 (AS 1200).....	All	1.60	.10	11½	7	11	.....
3237	.....	10½ & 11½ L	Tongue	654 (ETA 1080).....	All	1.50	.10¼	11¾	6	10¼	.....
585	.....	12/0	T-Brace	1st Model 207.....	All	1.18	.12½	14½	3	9¼	47377
584	.....	12/0	T-Brace	1st Model 207.....	All	1.18	.12	14½	3	9½	47376
3934	.....	8¾ L	Tongue	602 (AS 1240).....	All	1.35	.08¾	9¾	4½	12¾	.....
3051	.....	8x9L	Tongue	655 (ETA 1220).....	All	1.25	.10	10	3½	11	.....
2733	.....	8x9L	Tongue	656 (ETA 1090).....	All	1.30	.10¼	9¾	4	10¼	.....
589	.....	18/0	Tongue	1st Model, 206.....	16-17 JL.	1.20	.10	12	3	11	47380
593	.....	18/0	T-Brace	1st to 5th, 807.....	All	1.20	.10	10	3	11	47385
590	.....	18/0	T-Brace	1st to 5th, 807-825.....	All	1.20	.09½	10	3	11½	47384
588	.....	18/0	T-Brace	1st to 5th, 807.....	All	1.20	.09	10	3	12	47383
3236	.....	6¾x8L	Tongue	600 (FF 60).....	All	1.55	.08	9¾	6½	13	.....
591	.....	21/0	T-Brace	105.....	15 JL.	1.02	.08½	8¾	1	12½	47389
592	.....	21/0	T-Brace	107.....	17 JL.	1.02	.08	8¾	1	13	47387
3812	.....	5x7L	Tongue	601 (AS 976).....	All	1.40	.06½	8	5	14½	.....

\*Discontinued by the factory. We will substitute the closest size.

# MAINSPRINGS For AMERICAN WATCHES

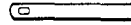
## WALTHAM

T. D. B.  
("T" & Double  
Brace)

D. B. & H.  
(Double Brace  
& Hole)

HOLE  
(Hole End)

T



Marshall Stock No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No.
					Wd.	Str.		Wd.	Str.	
209	37	Hole	Steel, 8 Day Chronometer, Auto, Desk, 1910-1926	7-15 JL.	4.50	.23	28½	36	1	2232
209P	37	Hole	Permaforce, 8 Day Chronometer, Auto, Desk, 1910-1926	7-15 JL.	4.50	.23	28	36	1	2280
*219	37	Hole	Steel, 8 Day, C.D.I.A. Aircraft, Tank, 1942	9-15 JL.	4.50	.22½	29	36	1½	2232
247P	22	D.B.	Permaforce, 8 Day, A-13-A	22 JL.	8.38	.20	25¼	74	3½	2277
256	22	T.D.B.	Steel, 8-Day, A-11 Aircraft, Desk, Watchman's Clock	9 JL.	5.40	.18½	25	45	4½	2245
256P	22	T.D.B.	Permaforce, 8 Day, A-11 Aircraft, Desk, Watchman's Clock	9 JL.	5.40	.19	25	45	4	2275
201	18	T	Steel, New Style, 1857	All	2.90	.22	23	20	2	2202
203	18	T	Steel, 1877-1879	7 JL.	2.95	.22½	21	20½	1½	2203
*214	18	T	Steel, 1877-1879	15 JL.	2.95	.22	21	20½	2	2203
202	18	T	Steel, 1877-1879	17 JL.	2.95	.21½	21	20½	2½	2203
*213	18	T	Steel, 1877-1879	21 JL.	2.95	.21	21	20½	3	2203
204	18	T	Steel, 1877-1879 Narrow Barrel	All	2.50	.22	21	16	2	2204
215	18	T	Steel, 1883	7-15 JL.	3.00	.22½	21	21	1½	2205
215P	18	T	Permaforce, 1883	7-15 JL.	3.00	.22½	21	21	1½	2281
*206	18	T	Steel, 1883	17 JL.	3.00	.22	21	21	2	2205
*205	18	T	Steel, 1883	21 JL.	3.00	.21½	21	21	2½	2205
207	18	T	Steel, 1870, Key Wind	All	2.30	.21	21	14	3	2206
*216	18	Hole	Steel, 1892	17 JL.	3.25	.19	25	23½	4	2222
208	18	Hole	Steel, 1892	19 JL.	3.25	.18	25	23½	5	2222
217	18	Hole	Steel, 1892, Vanguard, 845	21 JL.	3.25	.17	25	23½	6	2222
*218	18	Hole	Steel, 1892, Vanguard	23 JL.	3.25	.16	25	23½	6½	2222
210	16	T	Steel, 1872, Lever Set	All	2.30	.22	21	14	2	2208
*223	16	T	Steel, 1872, Lever Set	All	2.30	.21	21	14	3	2208
211	16	Hole	Steel, 1888	7-15 JL.	2.80	.19	21½	19	4	2218
224	16	Hole	Steel, 1888	17-23 JL.	2.80	.18	22½	19	5	2218
*225	16	Hole	Steel, 1899-1908	7-15 JL.	2.80	.19	21¼	19	4	2227
212	16	Hole	Steel, 1899-1908	17 JL.	2.80	.18	22¾	19	5	2227
212P	16	Hole	Permaforce, 1899-1908	17 JL.	2.80	.18	22¾	19	5	2267
*226	16	Hole	Steel, 1899-1908	19 JL.	2.80	.17	22¾	19	6	2227
*227	16	Hole	Steel, 1899-1908	21 JL.	2.80	.16	24½	19	6½	2227
228	16	Hole	Steel, 1899-1908-1912-1944-1945, Vanguard "A"	23 JL.	2.80	.15	25½	19	7	2227
257	16	T.D.B.	Steel, Timer, 11609—Types A, B & C	9 JL.	1.50	.16½	17½	6	6¼	2246
272	16	D.B.&H.	Steel, Timer, 1945-16A	17-21 JL.	2.60	.17	21	17	6	2247
272P	16	D.B.&H.	Permaforce, Timer, 1945-16A	17-21 JL.	2.60	.17	21	17	6	2268
*220	16	Tongue	Steel, B-16 (UT 429)	17 JL.	2.60	.19	21½	17	4	B-1645
221	14	T	Steel, 1884	All	2.50	.22	19	6	2	2211
222	10-14	Hole	Steel, Colonial A	19-21 JL.	1.30	.17½	19¼	4	5½	2234
277	12	D.B.&H.	Steel, 1945, Colonial R	17-23 JL.	1.62	.16	19¾	7	6½	2252
277P	12	D.B.&H.	Permaforce, 1945, Colonial R	17-23 JL.	1.62	.16½	20	7	6¼	2269A
*234	12	Hole	Steel, 1924, Colonial	7 JL.	1.70	.18	18¾	8	5	2237
*233	12	Hole	Steel, 1924, Colonial	17 JL.	1.70	.17	19½	8	6	2237
*232	12	Hole	Steel, 1924, Colonial	19 JL.	1.70	.16	20¾	8	6½	2237
232P	12	Hole	Permaforce, 1924, Colonial B	17-19 JL.	1.70	.16½	20	8	6¼	2269
229	12	Hole	Steel, 1924, Colonial B	21 JL.	1.70	.15	21¼	8	7	2237
*235	12	Hole	Steel, 1894	7-15 JL.	2.15	.16	18	12½	6½	2224A
231	12	Hole	Steel, 1894	17 JL.	2.15	.15	19¼	12½	7	2224A
231P	12	Hole	Permaforce, 1894	17 JL.	2.15	.15	19¼	12½	7	2279
*237	12	Hole	Steel, 1894	19 JL.	2.15	.14	20¾	12½	8	2224A
*236	12	Hole	Steel, 1894	21 JL.	2.15	.13	22½	12½	9	2224A
*238	12	Hole	Steel, 1894	23 JL.	2.15	.12	24¾	12½	9½	2224A
250	8-6	T	Steel, 1873, Lever Set	All	1.90	.22	16	10	2	2215
253	6	T	Steel, 1889	All	1.90	.20	16	10	3½	2217
*251	6	T	Steel, 1889	All	1.90	.19	16	10	4	2217
*255	6	Hole	Steel, 1890	All	2.06	.16	16	11½	6½	2219
252	6	Hole	Steel, 1890	All	2.06	.15	16	11½	7	2219
*254	6	Hole	Steel, 1890	All	2.06	.14	16	11½	8	2219
260	1-0	T	Steel, 1882-1887	All	1.70	.17	16	8	6	2216

\*Discontinued by the factory. We will substitute the closest size.

# MAINSPRINGS For AMERICAN WATCHES

## WALTHAM - Cont.

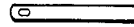
T. D. B.  
("T" & Double  
Brace)



D. B. & H.  
(Double Brace  
& Hole)



HOLE  
(Hole End)



TONGUE  
(Tongue End)



Marshall Stock No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No.
					Wd.	Str.		Wd.	Str.	
*262	0	Hole	Steel, 1891	All	1.50	.15	16	6	7	2220
266	0	Hole	Steel, 1891	All	1.50	.14	16	6	8	2220
*267	0	Hole	Steel, 1891	All	1.50	.13	16	6	9	2220
261	0-3/0	Hole	Steel, 1900	All	1.70	.13	13½	8	9	2228
261P	0-3/0	Hole	Permaforce	All	1.70	.13	13½	8	9	2278A
264	0-3/0	Hole	Steel, 1900	All	1.70	.12	14½	8	9½	2228
*265	0-3/0	Hole	Steel, 1900	All	1.70	.11	15½	8	10	2228
*271	0-3/0	Hole	Steel, 1907 Sweep Second	7 JL	2.06	.14	12¾	11½	8	2230
269	0-3/0	Hole	Steel, 1907	7 JL	2.06	.13	13½	11½	9	2230
269P	0-3/0	Hole	Permaforce, 1907	7-15 JL	2.06	.13	13½	11½	9	2278
*268	0-3/0	Hole	Steel, 1907	15 JL	2.06	.12	14½	11½	9½	2230
*263	0-3/0	Hole	Steel, 1907	15 JL	2.06	.11	15½	11½	10	2230
*282	J.S.-6/0	Hole	Steel, 1898	7 JL	1.50	.13	11½	6	9	2226
280	J.S.-6/0	Hole	Steel, 1898-1942-6/0B, Sweep Second	16-17 JL	1.50	.12	12	6	9½	2226
283	J.S.-6/0	Hole	Steel, 1898-1942-6/0B	9 JL	1.50	.11	12½	6	10	2226
283P	J.S.-6/0	Hole	Permaforce, 1898-1942-6/0B	15-17 JL	1.50	.11	12½	6	10	2276
*284	J.S.-6/0	Hole	Steel, 1898-1942-6/0B	17-21 JL	1.50	.10	13½	6	11	2226
*281	J.S.-6/0	Hole	Steel, 1912	All	1.30	.13	11¼	4	9	2235
285	J.S.-6/0	Hole	Steel, 1912	All	1.30	.12	12	4	9½	2235
273	6/0	D.B.&H.	Steel, 1945-6/0C-6/0D	17-21 JL	1.55	.10	12½	6½	11	2248
246P	6/0	D.B.&H.	Permaforce, 1945-6/0C-6/0D	17-21 JL	1.55	.11	11½	6½	10	2265
245P	6/0	D.B.&H.	Permaforce, 1945	17-21 JL	1.55	.10½	11¾	6½	10½	2265
*240P	6/0	Tongue	Permaforce, 1146 Automatic (AS 1361)	17 JL	1.40	.10	10½	5	11	A-681
*241P	6/0	Brake	Permaforce, 1146 Automatic (AS 1361), Brake	17 JL	1.35	.17	1¾	4½	6	A-681S
*242	6/0	Tongue	Steel, 1155-1157 (FF 70)	17 JL	1.60	.10	13½	7	11	5-781
*230	6/0	Tongue	Steel, 1177 (AS 1194)	17 JL	1.55	.12	13	6½	9	C-681
286	10L-10½L	Hole	Steel	15 JL	1.50	.11	8¾	6	10	2229
286P	10L-10½L	Hole	Permaforce	15 JL	1.50	.10	9¾	6	11	2271
290	10L-10½L	Hole	Steel	15 JL	1.50	.10	9¾	6	11	2229
290P	10L-10½L	Hole	Permaforce	17 JL	1.50	.09½	9¾	6	11½	2271
*287	10L-10½L	Hole	Steel	17 JL	1.50	.09	11	6	12	2229
291	9L	Hole	Steel, 1913	All	1.05	.10	10¼	1½	11	2233
249	8¾L	D.B.&H.	Steel, 870R-875R-887-891	17-21 JL	1.35	.08¾	9	4½	12½	2253
*259	8¾L	Hole	Steel, 870	17-21 JL	1.40	.09	8	5	12	2242
258	8¾L	Hole	Steel, 870	17-21 JL	1.40	.08¾	8½	5	12½	2242
258P	8¾L	Hole	Permaforce, 870	17-21 JL	1.40	.08¾	9	5	12½	2270
*248	8x9L	Tongue	Steel, 894 (ETA 1220)	17 JL	1.25	.10	9½	3½	11	8-881
292	5¼x7½L	Hole	Steel	All	1.05	.08	9	1½	13	2236
279	7½L	Hole	Steel, 750	17-21 JL	1.10	.10	12½	2	11	2243
279P	7½L	Hole	Permaforce, 750	17-21 JL	1.10	.10½	12½	2	10½	2266
275	7½L	D.B.&H.	Steel, 750B-750D	17-21 JL	1.14	.10	12	2½	11	2250
275P	7½L	D.B.&H.	Permaforce, 750B-750D	17-21 JL	1.14	.10½	11¾	2½	10½	2264
288	7¾L	Hole	Steel	All	1.30	.11	12	4	10	2238
288P	7¾L	Hole	Permaforce	All	1.30	.11	11½	4	10	2274
*293	7¾L	Hole	Steel	All	1.30	.10	13	4	11	2238
278	6¾L	Hole	Steel, 670	17 JL	1.20	.06	7½	3	15	2244
278P	6¾L	Hole	Permaforce, 670	17 JL	1.20	.06	7	3	15	2261
274	6¾x7L	Tongue	Steel, 675-677	17-21 JL	1.18	.06¾	7¼	2¾	14½	2249
274P	6¾x7L	Tongue	Permaforce, 675-677	17-21 JL	1.18	.06¾	7¼	2¾	14½	2263
*239	6¾x8L	Tongue	Steel, 660A (UT 190)	17 JL	1.35	.08	10	4½	13	6-981
*243	6¾x8L	Tongue	Steel, 660 (FF 60)	17 JL	1.60	.08	10	7	13	6-681
*270	6¾x8L	Tongue	Steel, 663 (UT 540)	17 JL	1.35	.08	10½	4½	13	6-481
276	6¾x8L	D.B.&H.	Steel, 678-679-681	17-21 JL	1.30	.08	9½	4	13	2251
276P	6¾x8L	D.B.&H.	Permaforce, 678-679-681	17-21 JL	1.30	.08¾	8¾	4	12½	2262
*297	6½L	Hole	Steel, 650	7-9 JL	1.05	.10½	8	1½	10½	2239
296	6½L	Hole	Steel, 650	15 JL	1.05	.10	8¾	1½	11	2239
296P	6½L	Hole	Permaforce, 650	15 JL	1.05	.10	8¾	1½	11	2272
289	6½L	Hole	Steel, 650	17 JL	1.05	.09½	9¾	1½	11½	2239
289P	6½L	Hole	Permaforce, 650	17 JL	1.05	.09½	9¾	1½	11½	2272

\*Discontinued by the factory. We will substitute the closest size.

# MAINSPRINGS For AMERICAN WATCHES

## WALTHAM—Cont.

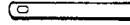
T. D. B.  
("T" & Double  
Brace)



D. B. & H.  
(Double Brace  
& Hole)



HOLE  
(Hole End)



TONGUE  
(Tongue End)



Marshall Stock No.	Mov't. Size	Style of End Piece	Description—Grade—Model	Jewel Grade	Metric		Lgth. Ins.	Dennison		Factory No.
					Wd.	Str.		Wd.	Str.	
*244	5L	Tongue	Steel, 504 (BL-R49)	17 JL.	1.60	.06	8	7	15	5-581
299	4½L	Hole	Steel, 450	15 JL.	1.05	.09½	9½	1½	11½	2241
299P	4½L	Hole	Permaforce, 450	15 JL.	1.05	.09½	9%	1½	11½	2273
*298	4½L	Hole	Steel, 450	15 JL.	1.05	.09	10	1½	12	2241
295	4L	Hole	Steel, 400	17 JL.	1.15	.09	8%	2½	12	2240
295P	4L	Hole	Permaforce, 400	17 JL.	1.15	.09	8%	2½	12	2260

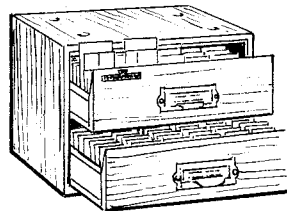
\*Discontinued by the factory. We will substitute the closest size.

NOTE: We also carry a complete stock of main-  
springs for the following American brands.

<b>CROWN</b>	<b>NEW YORK STANDARD</b>	<b>SOUTH BEND</b>
<b>HAMPDEN</b>	<b>RELIANCE</b>	<b>TIMEX</b>
<b>HOWARD</b>	<b>ROCKFORD</b>	<b>TRENTON</b>
<b>INGERSOLL</b>	<b>SETH THOMAS</b>	<b>WESTCLOX</b>

**Ordering Information:** specify size of movement and the make and model which is sometimes stamped on bridge plates. If no other means of identification is available, send a sample or state measurements and style of end needed.

**ELGIN HAMILTON WALTHAM ILLINOIS**



### 72-Piece ALL-FACTORY MAINSRING SYSTEM

- New, Up-to-Date, Indexed
- Includes Alloy (Dynavar, Dura-Power, etc.) and most popular Steel Sizes

Now—one 2-drawer Add-a-Unit cabinet including the most popular main-  
springs. Complete set of American mainspring indexes.

No. 27060.....\$59.50

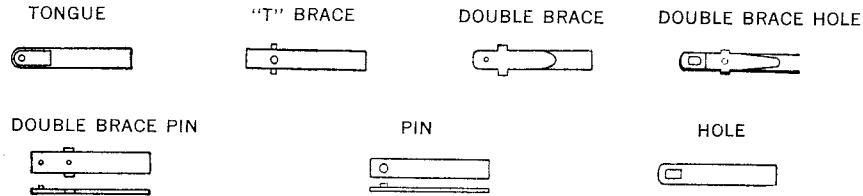


# LIST OF MAINSPRING SIZES

## FOR IMPORTED MAKES AND MODELS

A comparative list of measurements by Metric and Dennison gauges with corresponding

Marshall stock numbers covering makes and models listed in the NAME AND CALIBER LIST. Includes **Marshall** and **WATCH-CRAFT** unbreakable mainsprings, also steel for models where unbreakables are not available. Other special sizes are available on request.



NOTE: All mainsprings listed have "tongue ends" except as otherwise specified next to Marshall Stock Number.


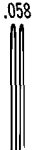




Metric		Lgth. Ins.	Dennison		Marshall No.		Metric		Lgth. Ins.	Dennison		Marshall No.	
Wd.	Str.		Wd.	Str.			Wd.	Str.		Wd.	Str.		
.50	.105	10 $\frac{3}{4}$	5/0	10 $\frac{1}{2}$	4241	Double Brace	1.00	.08	9 $\frac{1}{2}$	1	13	2947	Double Brace
.58	.11	8	4/0	10	4260		1.00	.0875	10	1	12 $\frac{1}{4}$	4238	
							1.00	.09	8 $\frac{1}{2}$	1	12	2823	
.60	.11	8	4/0	10	4305		1.00	.09	9 $\frac{1}{2}$	1	12	2709	
							1.00	.10	8 $\frac{1}{2}$	1	11	2845	
.70	.09	7 $\frac{1}{2}$	3/0	12	4157		1.00	.10	9 $\frac{1}{2}$	1	11	2710	
							1.00	.10	11 $\frac{1}{4}$	1	11	4280	
.75	.095	7 $\frac{1}{2}$	2/0 $\frac{1}{2}$	11 $\frac{1}{2}$	2816		1.00	.11	12	1	10	4148	
							1.00	.18	16 $\frac{1}{2}$	1	5	3165	
.80	.07	8 $\frac{1}{2}$	2/0	14	2980	"T" Brace	1.03	.105	10 $\frac{1}{2}$	1 $\frac{1}{2}$	10 $\frac{1}{2}$	2914	
.80	.075	9	2/0	13 $\frac{1}{2}$	3124			1.03	.13	14	1 $\frac{1}{2}$	9	4286
.80	.09	8 $\frac{1}{2}$	2/0	12	2975	Double Brace Pin							
.80	.09	8 $\frac{1}{2}$	2/0	12	2857			1.04	.075	7	1 $\frac{1}{2}$	13 $\frac{1}{2}$	3436
.80	.21	21	2/0	3	4211								
.82	.10	7 $\frac{1}{2}$	2/0	11	3459		1.05	.0725	11	1 $\frac{1}{2}$	13 $\frac{1}{4}$	3125	"T" Brace
							1.05	.075	9 $\frac{1}{2}$	1 $\frac{1}{2}$	13 $\frac{1}{2}$	3127	"T" Brace
.85	.0625	9	0 $\frac{1}{2}$	14 $\frac{3}{4}$	3123	"T" Brace	1.05	.0775	9 $\frac{1}{2}$	1 $\frac{1}{2}$	13 $\frac{1}{4}$	3415	
.85	.08	8	0 $\frac{1}{2}$	13	4158			1.05	.0775	10 $\frac{3}{4}$	1 $\frac{1}{2}$	13 $\frac{1}{4}$	3126
.85	.09	8 $\frac{1}{2}$	0 $\frac{1}{2}$	12	2984	Hole w/Brace	1.05	.08	7 $\frac{1}{4}$	1 $\frac{1}{2}$	13	3011	
.85	.095	7 $\frac{1}{2}$	0 $\frac{1}{2}$	11 $\frac{1}{2}$	3460			1.05	.08	7 $\frac{1}{2}$	1 $\frac{1}{2}$	13	4291
.85	.095	7 $\frac{3}{4}$	0 $\frac{1}{2}$	11 $\frac{1}{2}$	2818			1.05	.08	8 $\frac{1}{4}$	1 $\frac{1}{2}$	13	3014
								1.05	.0825	7 $\frac{1}{2}$	1 $\frac{1}{2}$	12 $\frac{3}{4}$	2822
								1.05	.0825	9 $\frac{1}{4}$	1 $\frac{1}{2}$	12 $\frac{3}{4}$	3383
.90	.06	7	0	15	4100	Pin	1.05	.085	9 $\frac{1}{2}$	1 $\frac{1}{2}$	12 $\frac{1}{2}$	3384	"T" Brace
.90	.08	8 $\frac{1}{4}$	0	13	2992		1.05	.0875	9 $\frac{1}{2}$	1 $\frac{1}{2}$	12 $\frac{1}{4}$	3128	"T" Brace
.90	.08	8 $\frac{1}{4}$	0	13	4246	Double Brace Hole	1.05	.09	8 $\frac{1}{2}$	1 $\frac{1}{2}$	12	3010	
.90	.085	8 $\frac{1}{4}$	0	12 $\frac{1}{2}$	3422	Double Brace Hole	1.05	.09	13 $\frac{1}{2}$	1 $\frac{1}{2}$	12	4289	
.90	.085	9 $\frac{1}{2}$	0	12 $\frac{1}{2}$	4110		1.05	.0925	7 $\frac{1}{4}$	1 $\frac{1}{2}$	11 $\frac{3}{4}$	3000	
.90	.09	8 $\frac{1}{4}$	0	12	2821		1.05	.095	6 $\frac{3}{4}$	1 $\frac{1}{2}$	11 $\frac{1}{2}$	4292	Hole
.90	.09	11 $\frac{1}{2}$	0	12	4239	Double Brace	1.05	.10	12 $\frac{3}{4}$	1 $\frac{1}{2}$	11	4302	
.90	.095	8 $\frac{1}{4}$	0	11 $\frac{1}{2}$	2945		1.05	.10	13 $\frac{1}{2}$	1 $\frac{1}{2}$	11	3290	Double Brace
.90	.095	10 $\frac{1}{4}$	0	11 $\frac{1}{2}$	4261	Double Brace	1.05	.11	13 $\frac{1}{2}$	1 $\frac{1}{2}$	10	4287	
.90	.105	8 $\frac{1}{4}$	0	10 $\frac{1}{2}$	2943		1.05	.12	12 $\frac{1}{2}$	1 $\frac{1}{2}$	9 $\frac{1}{2}$	4319	
							1.05	.12	13	1 $\frac{1}{2}$	9 $\frac{1}{2}$	3258	Double Brace
.94	.095	9 $\frac{3}{4}$	$\frac{1}{2}$ 0	11 $\frac{1}{2}$	2991		1.06	.08	7 $\frac{1}{2}$	1 $\frac{1}{2}$	13	3002	
.95	.0775	8 $\frac{1}{2}$	$\frac{1}{2}$ 0	13 $\frac{1}{4}$	4283								
.95	.08	9 $\frac{1}{2}$	$\frac{1}{2}$ 0	13	4159A		1.08	.115	14	2	9 $\frac{1}{4}$	4299	
.95	.085	14	$\frac{1}{2}$ 0	12 $\frac{1}{2}$	3984		1.07	.075	6 $\frac{3}{4}$	1 $\frac{1}{2}$	13 $\frac{1}{2}$	3013	
.95	.09	9	$\frac{1}{2}$ 0	12	2707		1.08	.11	12 $\frac{3}{4}$	2	10	4314	
.95	.11	10 $\frac{1}{2}$	$\frac{1}{2}$ 0	10	2859								
.95	.115	11 $\frac{1}{2}$	$\frac{1}{2}$ 0	9 $\frac{1}{4}$	3948		1.09	.19	16 $\frac{1}{4}$	2	4	3208	
.97	.16	14 $\frac{1}{2}$	1	6 $\frac{1}{2}$	2993		1.10	.06	9 $\frac{1}{2}$	2	15	4173	
							1.10	.065	7	2	14 $\frac{1}{2}$	3130	
.98	.185	16 $\frac{1}{2}$	1	4 $\frac{1}{2}$	3416	Double Brace	1.10	.0675	9 $\frac{1}{2}$	2	14 $\frac{1}{4}$	4208	
.98	.18	20	1	5	4308		1.10	.07	8 $\frac{1}{2}$	2	14	2951	
							1.10	.075	9 $\frac{1}{4}$	2	13 $\frac{1}{2}$	3134	
1.00	.07	8 $\frac{1}{2}$	1	14	3004		1.10	.075	10 $\frac{1}{2}$	2	13 $\frac{1}{2}$	4209	
1.00	.07	9	1	14	2933		1.10	.08	7 $\frac{1}{2}$	2	13	3020	
1.00	.08	8 $\frac{1}{2}$	1	13	3003		1.10	.08	8	2	13	2832	

Marshall Mainsprings Will be Supplied if Available Unless Otherwise Specified.

## LIST OF MAINSPRING SIZES (Continued)

Metric		Lgth. Ins.	Dennison		Mar- shall No.		Metric		Lgth. Ins.	Dennison		Mar- shall No.	
Wd.	Str.		Wd.	Str.			Wd.	Str.		Wd.	Str.		
1.10	.08	10	2	13	2949		1.15	.135'	17½	2½	8½	3918	
1.10	.08	10½	2	13	2860		1.15	.14	22	2½	8	4016	
1.10	.0825	8¾	2	12¾	3463		1.15	.20	17	2½	3½	3133	
1.10	.085	11¼	2	12½	4061								
1.10	.085	11¼	2	12½	3291	Double Brace	1.16	.105	8½	2½	10½	3035	
1.10	.09	7½	2	12	3019		1.17	.075	10¼	2½	13½	3260	"T" Brace
1.10	.09	8¼	2	12	2824		1.17	.0925	9½	2½	11¼	2720	
1.10	.09	11½	2	12	3167		1.17	.095	9½	2½	11½	4293	Hole
1.10	.09	13	2	12	4058	Double Brace Hole	1.17	.11	9¼	2½	10	4294	Hole
1.10	.095	9¾	2	11½	2715		1.18	.0725	7	3	13¾	3207	
1.10	.095	12¼	2	11½	3018		1.18	.08	7¾	3	13	2826	
1.10	.10	8½	2	11	3465		1.18	.095	8½	3	11½	2827	
1.10	.10	10½	2	11	4170		1.18	.095	13	3	11½	3276	"T" Brace
1.10	.10	11½	2	11	3916		1.18	.105	9¾	3	10½	2721	
1.10	.10	13½	2	11	3131		1.18	.1075	12¼	3	10¼	3688	
1.10	.105	10½	2	10½	2862		1.18	.11	9¾	3	10	3445	
1.10	.105	12¼	2	10½	4059	Double Brace Hole	1.20	.055	9	3	15½	4178	
1.10	.105	12½	2	10½	4151		1.20	.0575	7½	3	15¼	3418	Double Brace
1.10	.105	14½	2	10½	4021		1.20	.06	6¾	3	15	4290	Hole w/Brace
1.10	.1075	12	2	10¼	4114		1.20	.06	11¼	3	15	4258	
1.10	.11	8½	2	10	2846		1.20	.065	7	3	14½	3653	
1.10	.11	10¼	2	10	4171		1.20	.065	7¾	3	14½	3135	
1.10	.11	11¼	2	10	3441		1.20	.065	7¾	3	14½	4130	
1.10	.115	12½	2	9¾	4250		1.20	.0675	8¾	3	14¼	4130	
1.10	.12	10¼	2	9½	4317		1.20	.07	6½	3	14	3215	
1.10	.12	15	2	9½	4150		1.20	.07	7½	3	14	3959	
1.10	.125	13	2	9¼	3823		1.20	.07	8½	3	14	4004A	
1.10	.13	9½	2	9	2718		1.20	.07	9½	3	14	3042	
1.10	.135	16½	2	8½	3354	Double Brace	1.20	.0725	10½	3	13¾	3273	"T" Brace
1.12	.08	8¼	2	13	2948		1.20	.075	7¼	3	13½	3132	
1.12	.09	8¾	2	12	2979		1.20	.075	7¾	3	13½	3136	
1.12	.09	9½	2	12	2714		1.20	.08	7¾	3	13	3137	
1.12	.0925	9½	2	11¾	3583		1.20	.08	8	3	13	4037	
1.12	.095	8¼	2	11½	3472		1.20	.08	8½	3	13	3047	
1.12	.10	8½	2	11	2825		1.20	.08	10	3	13	3043	
1.13	.11	15¼	2	10	4266		1.20	.08	10½	3	13	3386	"T" Brace
1.14	.10	15	2½	11	3365	Double Brace	1.20	.08	10½	3	13	3921	
1.15	.055	6	2½	15½	3417	Double Brace	1.20	.08	11½	3	13	3922	
1.15	.055	7½	2½	15½	4057	Double Brace Hole	1.20	.08	14½	3	13	3972	
1.15	.07	7¾	2½	14	3261		1.20	.08	16	3	13	3970	
1.15	.07	9	2½	14	3994		1.20	.0825	10½	3	12¾	2946	
1.15	.07	10	2½	14	4159	Double Brace Hole	1.20	.085	8½	3	12½	4029	
1.15	.0725	8¼	2½	13¾	3032		1.20	.085	9¾	3	12½	4254	
1.15	.0725	8½	2½	13¾	3373		1.20	.085	10	3	12½	3839	
1.15	.075	10	2½	13½	4108		1.20	.0875	9¾	3	12¼	3845	
1.15	.075	12¼	2½	13½	4243	Double Brace Hole	1.20	.0875	16½	3	12¼	3284	
1.15	.0825	7¾	2½	12¾	4056	Double Brace Hole	1.20	.09	7½	3	12	3041	
1.15	.0825	9¾	2½	12¾	2934		1.20	.09	8½	3	12	3956	
1.15	.085	8	2½	12½	3800		1.20	.09	9½	3	12	3405	Double Brace
1.15	.085	8¼	2½	12½	3597		1.20	.09	10½	3	12	2725	
1.15	.09	8½	2½	12	3442		1.20	.0975	10½	3	11¼	3518	
1.15	.09	8½	2½	12	3288	Double Brace Pin	1.20	.10	7¾	3	11	3040	
1.15	.09	9	2½	12	4269	Dbl. Brace & Hole	1.20	.10	8½	3	11	2828	
1.15	.09	9¼	2½	12	3030		1.20	.10	9¾	3	11	3620	
1.15	.09	10	2½	12	3376		1.20	.10	11½	3	11	3901	
1.15	.09	10½	2½	12	3385	"T" Brace	1.20	.10	12½	3	11	3686	
1.15	.095	10½	2½	11½	3140	"T" Brace	1.20	.10	13¼	3	11	4174	
1.15	.10	8½	2½	11	3466		1.20	.10	18½	3	11	4217	
1.15	.10	9½	2½	11	3029		1.20	.1025	11	3	10¾	2726	
1.15	.10	12½	2½	11	3965		1.20	.1025	12½	3	10¾	2915	
1.15	.10	15	2½	11	3022		1.20	.105	12	3	10½	4200	
1.15	.10	19	2½	11	3913		1.20	.105	12½	3	10½	2864	
1.15	.1025	9½	2½	10¾	3141	"T" Brace	1.20	.105	13¾	3	10½	3211	
1.15	.105	9	2½	10½	3968		1.20	.11	9½	3	10	3989	
1.15	.105	13	2½	10½	4191		1.20	.11	9½	3	10	2727	
1.15	.11	9¾	2½	10	2716		1.20	.11	10½	3	10	3046	
1.15	.11	10½	2½	10	2863		1.20	.11	11½	3	10	3903	
1.15	.11	10¾	2½	10	3028		1.20	.11	17¾	3	10	2722	
1.15	.115	13½	2½	9¾	3212		1.20	.1125	9¾	3	10	2722	
1.15	.12	12¾	2½	9½	4316		1.20	.115	11	3	9¾	3446	
							1.20	.12	10	3	9½	2728	
							1.20	.12	13½	3	9½	3623	
							1.20	.125	12¼	3	9¼	3213	
							1.20	.13	13	3	9	4282	
							1.20	.13	15½	3	9	4235	

## LIST OF MAINSPRING SIZES (Continued)

Metric		Lgth. Ins.	Dennison		Marshall No.		Metric		Lgth. Ins.	Dennison		Marshall No.
Wd.	Str.		Wd.	Str.			Wd.	Str.		Wd.	Str.	
1.20	.135	14½	3	8½	3342		1.30	.058	6½	4	15¼	3681
												
1.20	.155	22¾	3	6¼	3299	"T" Brace	1.30	.0625	7	4	14¾	3259
1.20	.155	22¾	3	6¼	3269		1.30	.0625	9½	4	14¾	3500
							1.30	.065	7¾	4	14½	3650
1.20	.16	15½	3	6½	4045	Double Brace	1.30	.065	7¾	4	14½	3287
1.20	.16	16	3	6½	3340		1.30	.0675	10	4	14¼	3219
1.20	.17	17	3	6	3045		1.30	.07	6½	4	14	3899
1.20	.17	21½	3	6	4049		1.30	.07	7	4	14	4315
1.20	.175	17	3	5½	3447		1.30	.07	8½	4	14	3990
1.20	.18	14¼	3	5	4113		1.30	.07	9	4	14	3887
1.20	.185	16½	3	4½	3581		1.30	.072	8¾	4	14	4145
1.21	.0675	10	3	14¼	2956		1.30	.0725	10½	4	13¾	3277
1.23	.08	9	3½	13	4153		1.30	.075	8½	4	13½	3064
1.23	.115	14	3½	9¾	4300		1.30	.075	10½	4	13½	3387
1.25	.05	7	3¼	16	4307		1.30	.075	11	4	13½	3652
1.25	.065	10¼	3½	14½	3502		1.30	.0775	8¾	4	13¼	3830
1.25	.07	9	3½	14	2960		1.30	.08	8	4	13	3474
1.25	.0725	10	3½	13¾	4271		1.30	.08	8	4	13	4313
1.25	.075	8½	3½	13½	3256	Double Brace	1.30	.08	8¼	4	13	3831
1.25	.08	8	3½	13	3993		1.30	.08	8½	4	13	3221
1.25	.08	8½	3½	13	3624		1.30	.08	9	4	13	4033
1.25	.08	10	3½	13	4040		1.30	.08	11	4	13	3892
1.25	.085	7½	3½	12½	3053	Double Brace Hole	1.30	.08	11¼	4	13	4077
1.25	.085	9½	3½	12½	4164		1.30	.0825	9¾	4	12¾	3835
1.25	.0875	9¾	3½	12¼	3052		1.30	.0825	10¼	4	12¾	3895
1.25	.09	9¼	3½	12	2930		1.30	.085	9	4	12½	4127
1.25	.09	18¼	3½	12	3983		1.30	.0875	10¼	4	12¼	4257
1.25	.095	10¼	3½	11½	4161		1.30	.09	8½	4	12	2829
1.25	.095	17½	3½	11½	3902		1.30	.09	9	4	12	4128
1.25	.10	10	3½	11	3051		1.30	.09	9½	4	12	3813
1.25	.10	10¼	3½	11	3665		1.30	.09	10½	4	12	3935
1.25	.10	10¼	3½	11	3300	"T" Brace	1.30	.09	13	4	12	4013
1.25	.10	11½	3½	11	3551		1.30	.09	15½	4	12	4162
1.25	.10	12	3½	11	3550		1.30	.095	8½	4	11½	4117
1.25	.10	12¾	3½	11	4303		1.30	.095	9½	4	11½	4198
1.25	.10	13¼	3½	11	4295		1.30	.095	11¼	4	11½	3664
1.25	.10	16½	3½	11	3982		1.30	.10	8½	4	11	2830
1.25	.10	18½	3½	11	3938		1.30	.10	10¼	4	11	4247
1.25	.1025	13½	3½	10¾	4296	Double Brace Hole	1.30	.10	10½	4	11	2738
1.25	.1025	13¾	3½	10¾	3193		1.30	.10	11¾	4	11	4196
1.25	.105	9¾	3½	10½	3050		1.30	.10	12½	4	11	3900
1.25	.105	11½	3½	10½	3838		1.30	.10	13½	4	11	3062
1.25	.11	11½	3½	10	3055		1.30	.10	14¼	4	11	3217
1.25	.11	18	3½	10	3917		1.30	.10	15¼	4	11	3158
1.25	.115	9¾	3½	9¾	3049		1.30	.10	22	4	11	3068
1.25	.115	14½	3½	9¾	3985		1.30	.1025	9¾	4	10¾	2733
1.25	.115	15	3½	9¾	3409	"T" Brace	1.30	.105	9¾	4	10¾	2734
1.25	.115	17½	3½	9¾	3360		1.30	.105	10¼	4	10¾	4026
1.25	.12	11¼	3½	9½	3461		1.30	.105	11	4	10¾	4197
1.25	.12	11¾	3½	9½	3846		1.30	.105	12¼	4	10¾	3673
1.25	.125	11¾	3½	9¼	3435		1.30	.105	12½	4	10¾	3339
1.25	.125	19	3½	9¼	3906		1.30	.105	13¼	4	10¾	3949
1.25	.135	14½	3½	8½	3662		1.30	.105	17	4	10¾	3928
1.25	.17	21½	3½	6	3359		1.30	.1075	11	4	10¼	2739
1.25	.185	16	3½	4½	3834		1.30	.11	9½	4	10	3988
1.25	.185	17	3½	4½	3301		1.30	.11	10½	4	10	3388
1.27	.0625	8½	3½	14¼	3098	"T" Brace	1.30	.11	12	4	10	3061
1.27	.07	8	3½	14	4232		1.30	.1125	12¾	4	10	3844
1.27	.0725	9½	3½	13¾	3520		1.30	.1125	13¾	4	10	4134
1.27	.08	8¾	3½	13	3467		1.30	.115	10½	4	9¾	4318
1.27	.105	13	3½	10½	3580		1.30	.115	12¼	4	9¾	3847
1.28	.12	16½	4	9½	4237	Double Brace	1.30	.115	13½	4	9¾	3679
1.28	.125	10¼	4	9¼	3450		1.30	.115	13½	4	9¾	3282
1.28	.125	16½	4	9¼	3292	Double Brace	1.30	.12	11	4	9½	2740
1.29	.06	6¾	4	15	4268	"T" Brace	1.30	.12	12	4	9½	4044
1.29	.065	13½	4	14½	4301		1.30	.12	12¾	4	9½	3843
1.29	.085	9¾	4	12½	3604		1.30	.12	13¼	4	9½	3996
1.29	.09	13½	4	12	3419	Double Brace	1.30	.125	15½	4	9¼	4034
1.30	.05	6¾	4	16	3377		1.30	.13	11	4	9	2741
1.30	.0575	7½	4	15¼	3505		1.30	.13	13	4	9	4169
							1.30	.135	14¾	4	8½	3060
							1.30	.135	20½	4	8½	4264
							1.30	.14	14	4	8	3344
							1.30	.1425	14½	4	7¾	3543

Marshall Mainsprings Will be Supplied if Available Unless Otherwise Specified.

# LIST OF MAINSPRING SIZES (Continued)

Metric		Lgth. Ins.	Dennison		Mar- shall No.		Metric		Lgth. Ins.	Dennison		Mar- shall No.	
Wd.	Str.		Wd.	Str.			Wd.	Str.		Wd.	Str.		
1.30	.147	11 3/4	4	7 1/4	3619	1.35	.12	13	4 1/2	9 1/2	4166		
1.30	.17	16 3/4	4	6	2965	1.35	.1225	12 1/4	4 1/2	9 1/2	3059		
1.30	.17	17 3/4	4	6	3848	1.35	.135	14 3/4	4 1/2	8 1/2	3837		
1.30	.1875	18 1/2	4	4 1/4	3390	1.35	.135	15 1/2	4 1/2	8 1/2	4119		
1.30	.20	17 1/2	4	3 1/2	3295	1.35	.14	15	4 1/2	8	3350		
1.30	.205	20 1/2	4	3 3/4	4233	1.35	.16	17	4 1/2	6 1/2	3349		
1.32	.065	8	4	14 1/2	3304	1.35	.175	16	4 1/2	5 1/2	4073		
1.32	.07	7 1/2	4	14	4277	1.35	.18	20	4 1/2	5	4152		
1.32	.07	9	4	14	3220	1.35	.205	18	4 1/2	3 3/4	4025		
1.32	.0775	8 1/2	4	13 3/4	3579	1.36	.06	9	4 1/2	15	3293	Double Brace	
1.32	.08	7 1/2	4	13	3608	1.36	.065	8 3/4	4 1/2	14 1/2	3658		
1.32	.08	9 1/2	4	13	2952	1.36	.07	8 1/4	4 1/2	14	3598		
1.32	.085	8	4	12 1/2	3612	1.37	.10	10 1/2	4 1/2	11	4118		
1.32	.10	11 3/4	4	11	2958	1.37	.12	10 1/2	4 1/2	9 1/2	2752		
1.32	.10	24 1/2	4	11	4228A	1.38	.065	8 1/4	5	14 1/2	3278	"T" Brace	
1.32	.1025	11 3/4	4	10 3/4	3536	1.38	.065	8 1/4	5	14 1/2	3651		
1.32	.105	11 3/4	4	10 1/2	3537	1.38	.0775	8 3/4	5	13 1/4	3228		
1.33	.11	13 3/4	4	10	3155	1.38	.085	9 1/2	5	12 1/2	3453		
1.34	.055	7 1/2	4 1/2	15 1/2	4288	1.38	.0975	12 1/2	5	11 1/4	3998		
1.34	.105	9 1/2	4 1/2	10 1/2	3452	1.38	.11	11	5	10	3454		
1.35	.0525	6	4 1/2	15 3/4	3483	1.38	.115	15 1/4	5	9 3/4	4275		
1.35	.0525	7	4 1/2	15 3/4	4270	1.38	.12	13 3/4	5	9 1/2	4053		
1.35	.06	6 1/4	4 1/2	15	3404	1.38	.18	18	5	5	3196		
1.35	.06	6 1/2	4 1/2	15	3849	1.39	.0625	7 3/4	5	14 3/4	3617		
1.35	.06	7 1/4	4 1/2	15	3850	1.39	.0675	7 3/4	5	14 3/4	3578		
1.35	.06	8 1/2	4 1/2	15	3303	1.40	.06	8	5	15	4193		
1.35	.0625	6 1/2	4 1/2	14 3/4	3897	1.40	.06	8 1/2	5	15	3811		
1.35	.0625	8 1/2	4 1/2	14 3/4	4147	1.40	.06	9 3/4	5	15	4304	Hole w/Brace	
1.35	.065	6	4 1/2	14 1/2	4030	1.40	.065	8	5	14 3/2	3812		
1.35	.065	10 1/2	4 1/2	14 1/2	4272	1.40	.065	9	5	14 1/2	4070		
1.35	.07	7	4 1/2	14	4156	1.40	.0675	8 1/2	5	14 3/4	3079		
1.35	.07	8 1/2	4 1/2	14	4180	1.40	.07	7 1/4	5	14	4126		
1.35	.07	10 1/2	4 1/2	14	4281	1.40	.07	8 1/4	5	14	4278		
1.35	.07	11	4 1/2	14	4297	1.40	.07	12 1/2	5	14	3951		
1.35	.07	11 3/4	4 1/2	14	4285	1.40	.072	7 3/4	5	14	3225		
1.35	.075	7 3/4	4 1/2	13 1/2	3829	1.40	.075	8	5	13 1/2	4035		
1.35	.075	8 1/2	4 1/2	13 1/2	3254	1.40	.075	8 3/4	5	13 1/2	3828		
1.35	.075	9 1/2	4 1/2	13 3/4	3851	1.40	.075	10 1/2	5	13 1/2	3226		
1.35	.0775	10 3/4	4 1/2	13 3/4	3065	1.40	.0775	8 1/2	5	13 3/4	3596		
1.35	.08	7	4 1/2	13	2833	1.40	.08	7 1/4	5	13	4231		
1.35	.08	8 1/2	4 1/2	13	3966	1.40	.08	9 1/2	5	13	3950		
1.35	.08	9 1/4	4 1/2	13	2990	1.40	.0825	9	5	12 3/4	3815		
1.35	.08	9 3/4	4 1/2	13	3654	1.40	.0825	10	5	12 3/4	4137		
1.35	.08	9 3/4	4 1/2	13	3280	1.40	.085	10	5	12 1/2	3816	"T" Brace	
1.35	.08	10	4 1/2	13	4004	1.40	.085	11	5	12 1/2	4210		
1.35	.0825	7 1/2	4 1/2	12 3/4	4032	1.40	.085	13	5	12 1/2	4182		
1.35	.0825	9	4 1/2	12 3/4	3338	1.40	.085	17 1/2	5	12 1/2	4017		
1.35	.0825	9 3/4	4 1/2	12 3/4	3934	1.40	.09	8 1/2	5	12	3076		
1.35	.0825	10	4 1/2	12 3/4	3523	1.40	.09	10	5	12	3069		
1.35	.0825	10 3/4	4 1/2	12 3/4	3513	1.40	.09	10 1/2	5	12	4244	Double Brace Hole	
1.35	.085	9	4 1/2	12 1/2	3063	1.40	.09	12 1/2	5	12	4052		
1.35	.085	10	4 1/2	12 1/2	2737	1.40	.09	12 1/2	5	12	3315	"T" Brace	
1.35	.0875	9 1/2	4 1/2	12 1/4	3611	1.40	.09	14 3/4	5	12	3375		
1.35	.0875	9 3/4	4 1/2	12 1/4	3814	1.40	.095	10 1/2	5	11 1/2	2749		
1.35	.09	9 1/2	4 1/2	12	2732	1.40	.095	13	5	11 1/2	2954		
1.35	.095	10	4 1/2	12	4179	1.40	.095	13	5	11 1/2	2954		
1.35	.09	11 1/2	4 1/2	12	3202	1.40	.095	14 1/2	5	11 1/2	3286	"T" Brace	
1.35	.095	8 1/2	4 1/2	11 1/2	4051	1.40	.095	14 1/2	5	11 1/2	3660		
1.35	.10	9 1/2	4 1/2	11	4115	1.40	.09625	12	5	11 1/4	3549		
1.35	.10	11	4 1/2	11	4312	1.40	.10	9	5	11	2745		
1.35	.10	11 1/2	4 1/2	11	3969	1.40	.10	10	5	11	3958		
1.35	.102	12 3/4	4 1/2	10 3/4	4141	1.40	.10	10 1/2	5	11	3995		
1.35	.1025	11 1/2	4 1/2	10 3/4	3952	1.40	.10	11 3/4	5	11	3080		
1.35	.105	9 3/4	4 1/2	10 1/2	3468	1.40	.10	12 1/2	5	11	3075		
1.35	.105	10 3/4	4 1/2	10 1/2	4133	1.40	.10	18	5	11	3302		
1.35	.105	13	4 1/2	10 1/2	4165	1.40	.10	20	5	11	3981	Double Brace Hole	
1.35	.105	16 1/2	4 1/2	10 1/2	4019	1.40	.10	24	5	11	3314		
1.35	.1075	14	4 1/2	10 3/4	4149	1.40	.1025	11	5	10 3/4	2750		
1.35	.11	11	4 1/2	10	3975	1.40	.1025	11 3/4	5	10 3/4	3534		
1.35	.11	14 1/4	4 1/2	10	3066	1.40	.1025	12 1/4	5	10 3/4	3819		
1.35	.12	11	4 1/2	9 1/2	3437	1.40	.105	11 1/4	5	10 1/2	3533		

← 3513

# LIST OF MAINSPRING SIZES (Continued)

Metric			Dennison		Marshall No.	Metric			Dennison		Marshall No.	
Wd.	Str.	Lgth. Ins.	Wd.	Str.		Wd.	Str.	Lgth. Ins.	Wd.	Str.		
1.40	.1075	14¼	5	10¼	3894	1.45	.12	16	5½	9½	3129	"T" Brace
1.40	.11	10	5	10	2751	1.45	.125	12½	5½	9¼	4259	
1.40	.11	11½	5	10	3991	1.45	.13	11½	5½	9	3973	
1.40	.11	12½	5	10	3936	1.45	.13	15	5½	9	3337	
1.40	.11	13½	5	10	3880	1.45	.135	12¼	5½	8½	4262	
						1.45	.135	13½	5½	8½	3074	
1.40	.11	14	5	10	4046	1.45	.14	18	5½	8	3915	
1.40	.115	14¼	5	9¾	3852							
1.40	.115	20½	5	9¾	3980	1.45	.15	15½	5½	7	4011	Double Brace
1.40	.12	9½	5	9½	2747	1.45	.15	17	5½	7	3343	
1.40	.12	12½	5	9½	3821	1.45	.16	13½	5½	6½	4067	
						1.45	.16	19	5½	6½	3199	
1.40	.12	13½	5	9½	4060	1.45	.16	22	5½	6½	3978	
1.40	.1275	13¼	5	9½	3160							
1.40	.13	9½	5	9	2748	1.45	.17	17¼	5½	6	3856	
1.40	.13	10½	5	9	2753	1.45	.17	19¼	5½	6	3857	
1.40	.13	12½	5	9	2870	1.45	.175	19	5½	5½	2937	
1.40	.14	17	5	8	3939	1.45	.18	30	5½	5	3370	
1.40	.15	13½	5	7	4042	1.45	.19	18	5½	4	4043	
1.40	.15	14¾	5	7	2872	1.45	.20	14½	5½	3½	4175	
1.40	.155	21½	5	6¾	3986	1.45	.215	18	5½	2½	4192	
1.40	.17	18	5	6	3471	1.46	.0725	8¼	5½	13¾	4252	Hole
1.40	.18	18	5	5	3071							
1.40	.185	16	5	4½	3356							
1.42	.06	8½	5	15	3191	1.47	.0925	8¾	5½	11¾	2744	Double Brace Hole
1.42	.1025	13½	5	10¾	3615	1.47	.105	11	5½	10½	3594	
1.43	.0625	7½	5	14¾	4253	1.48	.06	7¾	5¼	15	3374	
1.43	.0725	8½	5	13¾	3577	1.48	.0675	15¼	5¼	14¼	3925	
1.43	.075	8	5	13½	3614	1.48	.09	9¾	5¼	12	3088	
1.45	.06	7½	5½	15	3369	1.48	.09	13½	5¼	12	3351	"T" Brace
1.45	.06	8	5½	15	4172	1.48	.10	11¼	5¼	11	3478	
1.45	.065	9	5½	14½	3799	1.48	.105	10¼	5¼	10½	3622	
1.45	.07	9	5½	14	4199	1.48	.105	11¼	5¼	10½	3668	
1.45	.0775	9¾	5½	13¾	3855							
1.45	.08	8¼	5½	13	3827	1.48	.105	11¼	5¼	10½	3283	"T" Brace
1.45	.08	9	5½	13	4104	1.48	.155	19	5¼	6¾	3544	
1.45	.08	10	5½	13	3525							
1.45	.08	10¼	5½	13	3853	1.49	.06	7¼	6	15	3546	
						1.49	.13	15¼	6	9	3683	
1.45	.082	38½	5½	12¾	4062	1.50	.055	7½	6	15½	4206	Dbt. Brace & Hole
1.45	.0825	9½	5½	12¾	3817	1.50	.06	6½	6	15	4274	
1.45	.0825	10	5½	12¾	3229	1.50	.06	7½	6	15	4204	
1.45	.0825	10½	5½	12¾	3854	1.50	.0625	7¼	6	14¾	3861	
1.45	.085	9¼	5½	12½	3227	1.50	.065	7¼	6	14½	3862	
1.45	.085	14¾	5½	12½	3206							
1.45	.09	10¼	5½	12	4177	1.50	.065	8¾	6	14½	3381	
1.45	.09	11½	5½	12	3231	1.50	.07	7½	6	14	3093	
						1.50	.07	8½	6	14	3090	
1.45	.0925	9	5½	11¾	4109	1.50	.07	8½	6	14	3235	
1.45	.095	10	5½	11½	4111	1.50	.075	10	6	13½	3306	
1.45	.095	12¼	5½	11½	3230	1.50	.075	10¾	6	13½	3661	
1.45	.095	21	5½	11½	3927							
1.45	.10	10¼	5½	11	4087							
1.45	.10	11¼	5½	11	2953	1.50	.075	10¼	6	13½	3313	"T" Brace
						1.50	.08	7	6	13	3940	
1.45	.10	13	5½	11	3281	1.50	.08	8½	6	13	3091	"T" Brace
1.45	.10	13¼	5½	11	4023	1.50	.08	9½	6	13	3979	
1.45	.10	14¾	5½	11	3484	1.50	.08	10¼	6	13	3307	
1.45	.10	15	5½	11	3542	1.50	.08	11¼	6	13	3262	
1.45	.10	20	5½	11	3929	1.50	.0825	9½	6	12¾	3603	
1.45	.1025	12¼	5½	10¾	3808							
1.45	.105	10	5½	10½	4103	1.50	.085	9¾	6	12½	3592	
1.45	.105	11	5½	10½	3809	1.50	.085	13½	6	12½	3367	
1.45	.105	11¾	5½	10½	3810	1.50	.09	8¾	6	12	2834	
						1.50	.09	11	6	12	3947	
1.45	.105	13½	5½	10½	3391	1.50	.09	12½	6	12	3926	
1.45	.105	13½	5½	10½	3576	1.50	.0925	8	6	11¾	4124	
1.45	.105	19	5½	10½	3285	1.50	.0925	11¼	6	11¾	3805	
1.45	.1075	11¼	5½	10¾	3595	1.50	.095	11½	6	11¾	3806	
1.45	.1075	13	5½	10¾	3455							
1.45	.11	9	5½	10	3967	1.50	.095	13	6	11½	3671	"T" Brace
1.45	.11	11	5½	10	3175	1.50	.095	13	6	11½	3672	
						1.50	.0975	9½	6	11¼	2851	
1.45	.11	12½	5½	10	3547	1.50	.0975	12¾	6	11¼	3824	
1.45	.11	12¾	5½	10	2868							
1.45	.11	14¼	5½	10	4265							
1.45	.1125	12¼	5½	10	3479	1.50	.10	10½	6	11	4031	
						1.50	.10	11	6	11	3807	
1.45	.1125	15	5½	10	3143	1.50	.10	11½	6	11	3933	"T" Brace
1.45	.1125	16	5½	10	3392	1.50	.10	12	6	11	2874	"T" Brace
1.45	.12	13	5½	9½	2924	1.50	.10	12¼	6	11	3669	
						1.50	.10	13½	6	11	2959	

Marshall Mainsprings Will be Supplied if Available Unless Otherwise Specified.

## LIST OF MAINSPRING SIZES (Continued)

Metric		Lgth. Ins.	Dennison		Mar- shall No.		Metric		Lgth. Ins.	Dennison		Mar- shall No.	
Wd.	Str.		Wd.	Str.			Wd.	Str.		Wd.	Str.		
1.50	.10	15¼	6	11	3378	"T" Brace	1.55	.095	11¼	6½	11½	3663	
1.50	.1025	10½	6	10¾	3531		1.55	.095	12	6½	11½	3266	
1.50	.1025	11	6	10¾	3971		1.55	.095	13	6½	11½	2962	
1.50	.1025	11¾	6	10¾	3382		1.55	.10	10½	6½	11	3976	
1.50	.105	11	6	10½	3953		1.55	.10	11	6½	11	4003	
1.50	.105	12¼	6	10½	3992		1.55	.10	11½	6½	11	3538	
1.50	.105	13	6	10½	3678		1.55	.10	13¼	6½	11	4081	Double Brace Hole
1.50	.105	13½	6	10½	3421	Double Brace	1.55	.105	11	6½	10½	2756	
1.50	.1075	10¾	6	10¼	3607		1.55	.105	11¼	6½	10½	3674	
1.50	.1075	11¼	6	10¼	3086		1.55	.11	14	6½	10	4242	Double Brace Hole
1.50	.1075	11½	6	10¼	3237		1.55	.11	14½	6½	10	4227	
1.50	.1075	16	6	10¼	4079	Double Brace Hole	1.55	.11	19	6½	10	3362	
1.50	.1075	16½	6	10¼	4207		1.55	.1125	13	6½	10	3156	
1.50	.11	10½	6	10	2757		1.55	.1225	15½	6½	9½	3943	
1.50	.11	11½	6	10	3818		1.55	.125	11¼	6½	9¼	4203	
1.50	.11	12½	6	10	2875		1.55	.125	13½	6½	9¼	4138	
1.50	.11	13½	6	10	3087		1.55	.13	17	6½	9	3588	
1.50	.11	14¼	6	10	3548		1.55	.1325	14	6½	8¾	2852	
1.50	.11	14¼	6	10	4063	Double Brace Hole	1.55	.145	13½	6½	7½	2766	
1.50	.1125	10	6	10	4121		1.55	.17	19	6½	6	4091	
1.50	.115	14¼	6	9¾	3863		1.55	.18	19¾	6½	5	4012	
1.50	.12	10½	6	9½	2758		1.55	.20	16¾	6½	3½	2938	
1.50	.12	12	6	9½	3860		1.55	.21	17¼	6½	3	3864	
1.50	.12	12¾	6	9½	4189		1.55	.21	18¾	6½	3	2879	
1.50	.12	14	6	9½	3379		1.55	.21	23½	6½	3	4218	
1.50	.1225	16	6	9½	4255		1.56	.06	10¼	6½	15	4279	
1.50	.125	13¼	6	9¼	4000		1.57	.08	9¾	7	13	3656	
1.50	.13	12	6	9	3238		1.58	.0675	9	7	14¼	2964	
1.50	.13	12½	6	9	3085		1.58	.07	9	7	14	3522	
1.50	.13	14	6	9	4090		1.60	.06	8	7	15	3368	
1.50	.13	23	6	9	3904		1.60	.07	9	7	14	3151	
1.50	.135	13½	6	8½	3836		1.60	.07	11½	7	14	4072	
1.50	.14	10½	6	8	2760		1.60	.07	16	7	14	3481	
1.50	.14	13	6	8	2876		1.60	.075	8½	7	13½	3841	
1.50	.14	14	6	8	3084		1.60	.075	9	7	13½	3605	
1.50	.14	23¾	6	8	3905		1.60	.075	10	7	13½	3240	
1.50	.1425	16	6	7¾	3345		1.60	.0775	9	7	13¼	3802	
1.50	.15	16½	6	7	3858		1.60	.08	8½	7	13	3919	
1.50	.15	23	6	7	4078		1.60	.08	9¼	7	13	3801	
1.50	.17	15¼	6	6	3393		1.60	.08	10	7	13	3242	
1.50	.17	22	6	6	3361		1.60	.08	12½	7	13	3271	
1.50	.175	17¼	6	5½	3197		1.60	.0825	9¾	7	12¾	3601	
1.50	.18	16	6	5	3083		1.60	.0825	10½	7	12¾	4022	
1.50	.18	17	6	5	3920		1.60	.085	9	7	12½	3907	
1.50	.18	18½	6	5	3296	Double Brace Hole	1.60	.085	10	7	12½	3243	
1.50	.18	19¾	6	5	4014		1.60	.085	12¼	7	12½	3677	
1.50	.19	18½	6	4	2878		1.60	.0875	10	7	12¾	2880	
1.50	.19	20	6	4	3082		1.60	.09	8	7	12	3932	
1.50	.19	21½	6	4	4095		1.60	.09	9	7	12	3308	
1.50	.1975	16½	6	3¾	3081		1.60	.09	11½	7	12	3997	
1.50	.20	18	6	3½	4187		1.60	.09	12	7	12	4080	
1.50	.21	18½	6	3	4074		1.60	.09	13½	7	12	3275	"T" Brace
1.52	.105	11½	6	10½	3591		1.60	.0925	11¼	7	11¾	3804	
1.52	.11	14¾	6	10	3606		1.60	.095	11	7	11½	3803	
1.52	.13	12½	6	9	3602		1.60	.095	11¾	7	11½	3244	
1.54	.085	9½	6½	12½	3590	Double Brace	1.60	.0975	14½	7	11¼	3274	"T" Brace
1.54	.10	13¾	6½	11	4273		1.60	.10	8½	7	11	3931	
1.55	.05	5½	6½	16	3411		1.60	.10	9½	7	11	2881	
1.55	.056	8¾	6½	15½	3687		1.60	.10	10¼	7	11	4195	
1.55	.0625	7½	6½	14¾	3357		1.60	.10	11	7	11	3279	"T" Brace
1.55	.07	9½	6½	14	4284		1.60	.10	11	7	11	3667	
1.55	.07	10½	6½	14	3094		1.60	.10	11½	7	11	3245	
1.55	.0725	8¾	6½	13¾	3842		1.60	.10	12½	7	11	3923	
1.55	.075	10½	6½	13½	3942		1.60	.10	13	7	11	3395	"T" Brace
1.55	.0775	11	6½	13¾	3119		1.60	.10	16¼	7	11	4228	
1.55	.08	9¼	6½	13	3236		1.60	.1025	14½	7	10¾	4038	Double Brace Hole
1.55	.0825	9½	6½	12¾	3859		1.60	.1025	10¾	7	10¾	3462	
1.55	.085	9½	6½	12½	3589		1.60	.1025	12¼	7	10¾	3826	
1.55	.085	10	6½	12½	3833		1.60	.105	11	7	10½	2762	
1.55	.085	11	6½	12½	3685		1.60	.105	11½	7	10½	3675	
1.55	.09	11	6½	12	3089		1.60	.105	11¼	7	10½	3541	
1.55	.0925	11½	6½	11¾	3092		1.60	.105	11¼	7	10½		

## LIST OF MAINSPRING SIZES (Continued)

Metric Measurements			Dennison Gauge		Marshall No.		Metric Measurements			Dennison Gauge		Marshall No.	
Wd.	Str.	Lgth. Ins.	Wd.	Str.			Wd.	Str.	Lgth. Ins.	Wd.	Str.		
1.60	.1075	11½	7	10¼	3832		1.70	.10	14	8	11	4167	
1.60	.11	10¼	7	10	4064		1.70	.10	22½	8	11	3163	
1.60	.11	11½	7	10	3309		1.70	.1025	12¼	8	10½	3874	
1.60	.11	12½	7	10	3924		1.70	.105	11½	8	10½	3870	
1.60	.11	15½	7	10	3946		1.70	.105	15½	8	10½	4047	
1.60	.115	15	7	9¾	4320		1.70	.11	10¼	8	10	4018	
1.60	.12	12½	7	9½	3937		1.70	.11	12	8	10	3364	
1.60	.12	13¼	7	9½	4236		1.70	.115	10	8	9¾	3105	
1.60	.12	15¼	7	9½	3865		1.70	.115	14¼	8	9¾	3233	
1.60	.125	10	7	9¼	2764		1.70	.12	10½	8	9½	2768	
1.60	.125	15½	7	9¼	3346		1.70	.12	12½	8	9½	3347	
1.60	.13	13½	7	9	4041		1.70	.12	16	8	9½	4183	
1.60	.13	15¼	7	9	3610		1.70	.13	15	8	9	4068	
1.60	.1325	16	7	8¾	3312		1.70	.14	11	8	8	2769	
1.60	.135	11¼	7	8½	4101		1.70	.145	13½	8	7½	4144	
1.60	.14	21½	7	8	4076		1.70	.15	14	8	7	4132	
1.60	.14	25¼	7	8	3930		1.70	.16	14	8	6¾	3363	
1.60	.145	16	7	7½	3684		1.70	.16	17¾	8	6¾	3871	
1.60	.15	25½	7	7	3866		1.70	.165	18½	8	6¾	2773	
1.60	.16	21	7	6½	4160		1.70	.17	29	8	6	2913	
1.60	.16	23	7	6½	4075		1.70	.1725	14¼	8	5¾	3341	
1.60	.1675	17	7	6¼	2884		1.70	.18	18	8	5	2774	
1.60	.17	14¼	7	6	3867		1.70	.1875	18½	8	4¼	4036	
1.60	.17	16	7	6	4089		1.70	.195	14¼	8	3¾	4129	
1.60	.18	17½	7	5	4020		1.70	.20	15¾	8	3½	3348	
1.60	.18	23	7	5	4010		1.75	.085	9¼	8½	12½	3106	
1.60	.185	19	7	4½	4001	Double Brace	1.75	.09	11½	8½	12	3820	
1.60	.195	18½	7	3¾	3941		1.75	.0975	15	8½	11¼	3872	
1.60	.20	19½	7	3½	2838		1.75	.105	11	8½	10½	2839	
1.62	.0625	9¼	7	14¼	4298	Double Brace	1.75	.11	11¼	8½	10	3898	
1.62	.10	11¼	7	11	3575		1.75	.11	14	8½	10	3873	
1.62	.105	11½	7	10½	3587		1.75	.11	15	8½	10	3232	"T" Brace
1.65	.065	10¾	7½	14½	3873		1.75	.115	12	8½	9¾	3891	
1.65	.08	8½	7½	13	3241		1.75	.115	12¾	8½	9¾	2925	
1.65	.08	9	7½	13	3336	Hole	1.75	.115	13½	8½	9¾	3893	
1.65	.0875	10	7½	12¾	3097		1.75	.12	12	8½	9½	4112	
1.65	.095	12½	7½	11½	3825		1.75	.12	13¼	8½	9½	3875	
1.65	.10	11½	7½	11	3666		1.75	.12	16½	8½	9¾	3909	
1.65	.1025	12½	7½	10¾	3246		1.75	.135	13½	8½	8½	2770	
1.65	.105	11¼	7½	10½	3868		1.75	.14	15	8½	8	4230	
1.65	.1075	11	7½	10¼	2763		1.75	.14	19	8½	8	4194	
1.65	.1075	14¼	7½	10¼	3944		1.75	.19	19	8½	4	2775	
1.65	.11	14¼	7½	10	3945		1.80	.08	10¼	9	13	3877	
1.65	.115	15¾	7½	9¾	3999		1.80	.085	9¾	9	12½	4131	
1.65	.12	13¼	7½	9½	4234		1.80	.09	13½	9	12	3190	
1.65	.12	15	7½	9½	3372		1.80	.095	10¼	9	11½	3878	
1.65	.125	14¼	7½	9¼	3396	"T" Brace	1.80	.095	11	9	11½	3896	
1.65	.13	14¼	7½	9	3144	"T" Brace	1.80	.095	13	9	11½	3194	
1.65	.13	16¼	7½	9	3408	"T" Brace	1.80	.10	11½	9	11	3822	
1.65	.145	15	7½	7½	4116		1.80	.105	8½	9	10½	4123	
1.65	.15	12½	7½	7	2767		1.80	.105	11½	9	10½	3600	
1.65	.16	15½	7½	6½	3103		1.80	.1075	11¼	9	10¼	3599	
1.65	.16	17½	7½	6½	3195		1.80	.1125	12½	9	10	4251	
1.65	.17	18¼	7½	6	3406	"T" Brace	1.80	.115	14¼	9	9¾	3879	
1.65	.17	18¾	7½	6	3869		1.80	.12	13¾	9	9½	3255	
1.65	.17	20½	7½	6	3977		1.80	.13	14¼	9	9	4069	
1.65	.19	19	7½	4	2885		1.80	.15	15	9	7	4002	
1.65	.2075	19	7½	3¼	4027		1.80	.16	18½	9	6½	3109	
1.68	.1025	13¼	7½	10¾	3680		1.80	.18	16¾	9	5	3881	
1.68	.11	13¼	7½	10	3107		1.80	.18	19½	9	5	2779	
1.70	.08	13½	8	13	3200		1.80	.19	18	9	4	4190	
1.70	.0825	8¼	8	12¾	4125		1.83	.10	13¼	9	11	3670	
1.70	.09	9	8	12	4184		1.85	.075	9¼	9½	13½	4267	
1.70	.09	10½	8	12	4168		1.85	.075	12½	9½	13½	3609	
1.70	.09	14¼	8	12	3987		1.85	.08	11	9½	13	3250	
1.70	.095	11½	8	11½	3247		1.85	.08	15	9½	13	3584	
1.70	.095	12¼	8	11½	3248		1.85	.0825	10½	9½	12¾	3882	
1.70	.095	13	8	11½	4048		1.85	.085	12½	9½	12½	4136	
1.70	.10	10½	8	11	2814		1.85	.0975	10	9½	11¼	3311	
1.70	.10	11¼	8	11	3310		1.85	.0975	13½	9½	11¼	3621	

Marshalloy Mainsprings Will be Supplied if Available Unless Otherwise Specified.

## LIST OF MAINSPRING SIZES (Continued)

Metric		Lgth. Ins.	Dennison		Mar- shall No.		Metric		Lgth. Ins.	Dennison		Mar- shall No.	
Wd.	Str.		Wd.	Str.			Wd.	Str.		Wd.	Str.		
1.85	.10	10%	9½	11	3908		2.25	.1425	18	13½	7¼	3400	"T" Brace
1.85	.10	12¼	9½	11	3251		2.25	.175	17¼	13½	5½	3888	
1.85	.105	11¼	9½	10½	3676		2.25	.18	18½	13½	5	3353	Double Brace
1.85	.105	11½	9½	10½	3249								
1.85	.105	12¼	9½	10½	4140		2.30	.14	13	14	8	2898	
1.85	.105	15¼	9½	10½	3358		2.30	.18	25	14	5	2899	
1.85	.11	13¾	9½	10	3840		2.30	.185	19	14	4½	2802	
1.85	.12	12½	9½	9½	3272								
1.85	.18	25	9½	5	4219		2.35	.16	17¼	14½	6½	4202	
1.85	.185	19	9½	4½	2780		2.35	.16	19½	14½	6½	3316	"T" Brace
1.85	.19	18¼	9½	4	4105		2.35	.205	18	14½	3¼	2804	
1.85	.225	20	9½	1½	4154								
1.90	.09	13½	10	12	3957		2.40	.17	19½	15	6	3298	Double Brace Hole
1.90	.10	12¾	10	11	3884		2.40	.19	19	15	4	2806	
1.90	.1125	15½	10	10	4039		2.45	.10	19	15½	11	3326	
1.90	.125	12½	10	9¼	2893								
1.90	.17	18½	10	6	2783		2.48	.16	28½	16	6½	3294	
1.90	.1775	15½	10	5¼	3955		2.50	.18	19¾	16	5	3403	"T" Brace
1.90	.18	19½	10	5	2784		2.50	.18	20¾	16	5	2904	
1.90	.18	22¾	10	5	4122								
1.90	.1875	17¾	10	4¼	3113		2.50	.19	19½	16	4	4098	
1.90	.1875	20	10	4¼	3394	"T" Brace	2.50	.20	22	16	3½	4163	Double Brace Hole
1.90	.19	19	10	4	2785		2.55	.18	15¼	16½	5	2927	
1.90	.19	23½	10	4	3964								
1.90	.21	19½	10	3	2787		2.55	.2025	19½	16½	3½	2810	
1.90	.23	17	10	1	3885		2.55	.21	18¾	16½	3	3889	
1.95	.07	15¼	10½	14	3366	Double Brace	2.60	.13	22	17	9	4223	
1.95	.09	12	10½	12	3263		2.60	.18	20	17	5	3320	
1.95	.11	14	10½	10	4092								
1.95	.18	21¼	10½	5	3886		2.65	.19	21	17½	4	3407	"T" Brace
1.95	.23	18¼	10½	1	2842								
2.00	.07	18	11	14	3335		2.70	.1675	24	18	6¼	2908	
2.00	.0825	12½	11	12¾	4135		2.70	.18	23	18	5	4065	
2.00	.13	14½	11	9	3397	"T" Brace	2.70	.19	19½	18	4	4099	
2.00	.16	19½	11	6½	3169	"T" Brace	2.70	.20	22	18	3½	4226	
2.00	.1775	18½	11	5¼	3145	"T" Brace	2.70	.25	67	18	0	4221	
2.00	.18	17¼	11	5	3142		2.75	.17	15¼	18½	6	3912	
2.00	.18	19	11	5	4094		2.75	.19	21¼	18½	4	3402	"T" Brace
2.00	.19	15¾	11	4	3876		2.85	.13	17½	19½	9	3330	
2.00	.19	19	11	4	3355	Hole	2.80	.16	29½	19	6½	4106	
2.00	.2025	19½	11	3½	2791		2.80	.19	21	19	4	4245	Double Brace Hole
2.00	.21	21½	11	3	4050								
2.05	.1775	18½	11½	5¼	3398	"T" Brace	2.80	.27	26	19	3/0	2910	
2.05	.20	20	11½	3½	4248	Double Brace Hole	2.80	.30	63	19	5/0	4220	
							2.90	.1875	20	20	4¼	4201	
							2.90	.21	19	20	3	3352	
2.08	.1775	18¼	12	5¼	3399	"T" Brace	2.95	.175	18¾	20½	5½	2942	
2.10	.17	15	12	6	4071								
2.10	.17	17½	12	6	3297	Double Brace Hole	3.00	.15	16	21	7	3329	
2.10	.18	20	12	5	2794		3.00	.22	23	21	2	4097	
2.10	.19	20	12	4	2795								
2.10	.19	16	12	4	3209		3.20	.12	20	23	9½	3911	
2.10	.20	18½	12	3½	4028		3.20	.13	19	23	9	3962	
2.10	.21	32	12	3	3331		3.20	.19	21¼	23	4	4263	
2.10	.22	21	12	2	4088								
2.10	.23	30	12	1	3914		3.35	.23	21	24½	1	4205	
2.15	.185	18	12½	4½	3974		3.40	.22	26	25	2	4225	
2.15	.21	18¾	12½	3	4229								
2.17	.20	16½	12½	3½	3318		3.50	.125	14¾	26	9¼	3328	
2.20	.15	25½	13	7	3324		3.50	.195	23	26	3¼	3389	"T" Brace
2.20	.16	22	13	6½	4096		3.65	.22	22½	27½	2	3890	
2.20	.165	23½	13	6¼	3380	Double Brace Hole	3.70	.18	38	28	5	4085	
2.20	.1675	15	13	6	4102								
2.20	.22	19	13	2	3116		3.75	.185	37	28½	4½	3420	
2.22	.2025	20	13	3½	3148	"T" Brace	3.80	.20	33	29	3½	3319	
2.25	.13	13	13½	9	2843		3.95	.25	25½	30½	0	3317	



## LIST OF MAINSPRING SIZES (Continued)

Metric		Lgth. Ins.	Dennison		Mar- shall No.	Metric		Lgth. Ins.	Dennison		Mar- shall No.
Wd.	Str.		Wd.	Str.		Wd.	Str.		Wd.	Str.	
4.00	.17	19	31	6	3327	4.50	.23	30½	36	1	4222
4.00	.23	18½	31	1	3323	4.60	.20	23	37	3½	3910
4.00	.25	22½	31	0	3321	4.60	.22	26	37	2	3963
4.06	.15	15½	31½	7	3424	4.60	.23	27½	37	1	4176
4.10	.14	15	32	8	4084	4.60	.26	28	37	2/0	3325
4.15	.28	34	32½	3/0½	3426	4.65	.195	20¾	37½	3¾	3327
4.20	.23	29	33	1	4082	4.80	.20	22	39	3½	4083
4.20	.25	15½	33	0	3333	5.20	.23	27	43	1	3954
4.30	.18	20¾	34	5	3613	5.40	.26	24	45	2/0	4185
4.30	.19	21½	34	4	4066	5.50	.24	28½	46	0½	3334
4.40	.17	13½	35	6	4186	6.30	.28	35	54	3/0½	4224
4.42	.21	24¼	35	3	3423						
4.45	.20	22	35½	3½	2929						

### CHART SHOWING WIDTH AND STRENGTH IN MILLIMETERS and EQUIVALENT IN DENNISON NUMBERS

WIDTH		WIDTH		WIDTH		WIDTH		STRENGTH	
M.M.	Denn.	M.M.	Denn.	M.M.	Denn.	M.M.	Denn.	M.M.	Denn.
.50	5/0	1.80	9	3.40	25	5.00	41	.20	3½
.60	4/0	1.90	10	3.50	26	5.10	42	.19	4
.70	3/0	2.00	11	3.60	27	5.20	43	.18	5
.75	2/0½	2.10	12	3.70	28			.17	6
.80	2/0	2.20	13	3.80	29			.16	6½
.85	1/0½	2.30	14	3.90	30			.15	7
.90	1/0	2.40	15	4.00	31			.14	8
.95	½0	2.50	16	4.10	32			.13	9
1.00	1	2.60	17	4.20	33			.12	9½
1.10	2	2.70	18	4.30	34			.11	10
1.20	3	2.80	19	4.40	35			.10	11
1.30	4	2.90	20	4.50	36			.09	12
1.40	5	3.00	21	4.60	37			.08	13
1.50	6	3.10	22	4.70	38			.07	14
1.60	7	3.20	23	4.80	39			.06	15
1.70	8	3.30	24	4.90	40			.05	16

Always use a Metric Gauge for measuring mainsprings. Most Dennison gauges are not accurate. After being in use a short time, the thickness gauge becomes spread or worn. If your Dennison gauge

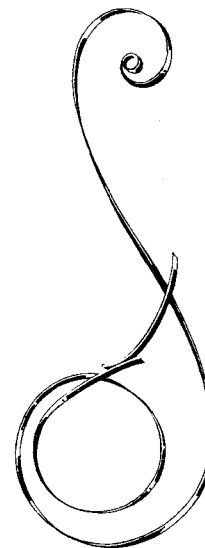
does not give the same reading as shown on the above chart when compared with metric measurements, it should not be used.

**UNBREAKABLE**  
**MAINSPRINGS**  
**With ATTACHED BRAKE SPRINGS**  
**For Automatic Watches**

Marshall and Watch-Craft Mainsprings are in a retainer ring, fully cleaned and oiled. Just press spring directly into barrel with tweezer. No mainspring winders or special tools are needed. No oiling of spring is required.

**NOTE:** Mainsprings with attached brake springs are in the 5000 series of numbers under "mainspring number" column in the "name and caliber list" section.

**ORDERING INFORMATION:** When ordering Marshall—add "M" after Marshall Number. When ordering Watch-Craft—add "W" after Marshall Number.



MAINSRING			ATTACHED BRAKE SPRING			Marshall Number
Metric		Length Inches	Metric		Length Inches	
Width	Str.		Width	Str.		
.80	.0675	8	.76	.11	3/4	5047
.90	.095	11 1/2	.85	.15	1 1/16	5079
.90	.10	11 1/2	.85	.15	1 1/16	5080
.95	.06	9	.88	.08	1 1/16	5115
.95	.075	9 1/4	.90	.09	1 3/16	5116
1.00	.09	13 1/4	.98	.14	1 1/8	5121
1.00	.10	12 1/4	.95	.15	1 3/16	5087
1.03	.11	14 1/2	1.00	.19	1 3/8	5112
1.04	.10	13 1/2	1.00	.14	1 1/4	5110
1.07	.105	14 1/2	1.00	.14	1 3/16	5107
1.08	.11	13 3/4	.98	.19	1 1/4	5120
1.09	.11	12 1/4	1.05	.18	1 3/16	5094
1.10	.06	9 1/2	1.10	.09	1 5/16	5029
1.10	.07	7 1/2	1.02	.09	1 3/16	5118
1.10	.0825	9 3/4	1.00	.18	1 1/4	5022
1.10	.085	10 1/4	1.08	.13	1	5078
1.10	.10	11 1/2	1.05	.15	1 1/4	5045
1.10	.11	11 1/2	1.05	.15	1 1/4	5074
1.13	.10	18 1/2	1.05	.18	1 7/16	5095
1.13	.11	13 1/2	1.09	.18	1 1/4	5113
1.15	.10	16 3/8	1.15	.13	1 1/2	5084
1.15	.11	10 3/4	1.10	.20	1 1/16	5103
1.15	.11	12 3/4	1.00	.20	1 3/16	5101
1.18	.085	12 3/4	1.17	.12	1 1/16	5048
1.19	.10	13 1/4	1.10	.14	1 5/16	5089
1.19	.10	14 1/4	1.16	.14	1 3/16	5097
1.19	.11	14 1/2	1.13	.18	1 3/16	5104
1.20	.085	11 1/2	1.15	.13	1 3/16	5099
1.20	.0875	15 1/2	1.10	.14	1 3/8	5004
1.20	.10	12 1/2	1.15	.13	1 1/8	5092
1.20	.10	13	1.14	.13	1 5/16	5117
1.20	.10	13 1/4	1.10	.17	1 3/16	5075
1.20	.105	10 1/2	1.15	.17	1	5052

# MAINSPRINGS FOR AUTOMATIC WATCHES—Continued

MAINSRING			ATTACHED BRAKE SPRING			Marshall Number
Metric		Length Inches	Metric		Length Inches	
Width	Str.		Width	Str.		
1.20	.105	11	1.19	.13	1 3/16	5114
1.20	.105	12 3/4	1.15	.14	1 3/16	5086
1.20	.11	10 1/2	1.20	.17	1 3/16	5026
1.23	.10	12 1/4	1.16	.14	1 1/4	5102
1.23	.12	12 1/4	1.19	.16	1 3/16	5108
1.25	.075	8 3/4	1.25	.11	3/4	5081
1.25	.09	10	1.10	.16	1 1/4	5024
1.25	.09	14	1.24	.15	1 3/16	5072
1.25	.10	10	1.15	.16	1 1/4	5042
1.29	.12	15 1/2	1.25	.17	1 3/16	5100
1.30	.057	8	1.30	.09	3/4	5085
1.30	.07	8	1.25	.13	1	5064
1.30	.075	8	1.25	.13	1	5007
1.30	.08	8 1/2	1.20	.13	1 1/8	5061
1.30	.08	9 1/2	1.20	.14	1 3/16	5001
1.30	.0825	9 3/4	1.20	.13	1	5043
1.30	.085	11 3/4	1.28	.13	1 3/16	5088
1.30	.0875	10 3/4	1.20	.14	1 3/16	5049
1.30	.09	9 1/2	1.20	.14	1 3/32	5033
1.30	.09	10	1.20	.155	1 1/16	5050
1.30	.10	11	1.20	.17	1 3/16	5000
1.30	.10	12 1/2	1.20	.16	1 5/16	5105
1.30	.105	11 5/8	1.25	.16	1 5/16	5040
1.30	.11	10 3/4	1.20	.19	1 3/8	5069
1.32	.08	7 1/2	1.20	.12	1	5066
1.32	.10	11 3/4	1.27	.175	1 5/32	5027
1.33	.105	13	1.15	.16	1 1/4	5082
1.34	.10	12 1/2	1.30	.16	1 1/4	5111
1.35	.075	8	1.25	.13	1	5011
1.35	.0775	9 1/2	1.30	.13	7/8	5017
1.35	.08	8 3/4	1.25	.14	1 1/8	5058
1.35	.08	10	1.20	.13	1 1/8	5010
1.35	.08	10	1.20	.15	1 3/32	5037
1.35	.08	10	1.20	.15	1 1/8	5067
1.35	.085	10	1.25	.15	1 1/8	5068
1.35	.09	9	1.20	.15	1 1/16	5036
1.35	.09	9 1/4	1.25	.155	1 3/16	5035
1.35	.09	9 3/4	1.25	.16	1 3/16	5076
1.37	.085	12	1.35	.15	1 3/32	5090
1.37	.12	13 3/4	1.34	.18	1 1/4	5106
1.38	.085	9 1/2	1.20	.14	1 1/8	5038
1.38	.09	10 3/4	1.38	.09	1 7/16	5096
1.38	.115	14	1.37	.14	1 1/4	5109
1.40	.07	8 1/2	1.35	.16	3/4	5077
1.40	.0775	8 1/2	1.30	.125	1 1/16	5025
1.40	.08	9 3/4	1.30	.16	1 3/16	5034
1.40	.085	11 1/2	1.30	.145	1 3/16	5023
1.40	.09	13 1/2	1.35	.17	1 1/4	5028
1.40	.10	11 1/2	1.33	.19	1 7/16	5071
1.40	.1075	12 1/2	1.35	.16	1 3/8	5003
1.43	.07	9 3/4	1.35	.11	1	5083
1.43	.11	11 1/4	1.22	.23	1 1/4	5091
1.45	.075	9 3/4	1.35	.13	1	5059
1.45	.0775	9 3/4	1.35	.13	1 1/32	5041
1.45	.08	9 1/2	1.35	.15	1 1/8	5054
1.45	.085	9 1/4	1.35	.16	1 1/8	5002
1.45	.10	10 1/2	1.40	.17	1 1/8	5056
1.45	.10	13 1/4	1.25	.17	1 1/4	5031

Marshall Mainsprings Will be Supplied if Available Unless Otherwise Specified.

# MAINSPRINGS FOR AUTOMATIC WATCHES—Continued

MAINSRING			ATTACHED BRAKE SPRING			Marshall Number
Metric		Length Inches	Metric		Length Inches	
Width	Str.		Width	Str.		
1.45	.11	12¼	1.40	.20	1½	5060
1.48	.10	11¼	1.35	.12	1½	5057
1.48	.105	11½	1.33	.13	1¼	5020
1.50	.06	8½	1.43	.10	1½	5119
1.50	.06	9	1.40	.08	1½	5055
1.50	.065	8	1.40	.105	1½	5062
1.50	.09	15	1.47	.12	1½	5093
1.50	.095	10½	1.40	.175	1¼	5019
1.50	.10	10¾	1.45	.13	1½	5053
1.50	.10	11½	1.40	.17	1½	5006
1.50	.1025	10¼	1.45	.18	1¼	5008
1.50	.115	14¼	1.40	.19	1½	5063
1.52	.11	14¼	1.35	.18	1½	5051
1.55	.10	12¼	1.45	.18	1½	5030
1.60	.075	9	1.50	.135	1½	5014
1.60	.08	11¼	1.45	.15	1½	5005
1.65	.10	10½	1.60	.155	1¼	5015
1.75	.09	11	1.65	.15	1¼	5018
4.30	.18	24½	3.85	.28	2½	5065

## SEPARATE BRAKE SPRINGS

(SUPPLIED IN MARSHALLOY ONLY)

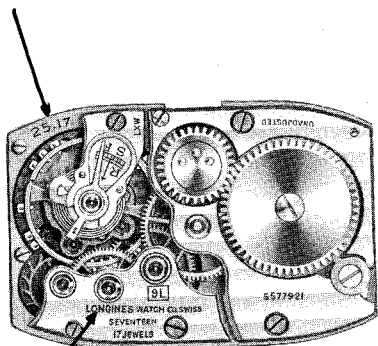
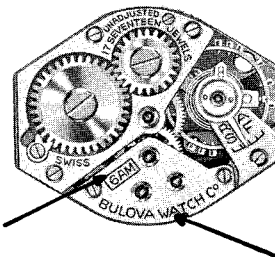
### For AUTOMATIC WATCHES FOR USE WITH REGULAR MAINSPRINGS

**NOTE:** Separate brake springs are in the 2500 series of numbers under "brake spring" column in the "name and caliber list" section.

Metric		Length Inches	Dennison		Marshall Number	Metric		Length Inches	Dennison		Marshall Number
Width	Str.		Width	Str.		Width	Str.		Width	Str.	
1.00	.18	1½	1	5	2546	1.30	.13	1	4	9	2505
1.05	.17	1¾	1½	6	2547	1.30	.16	1½	4	6½	2519
1.05	.18	1¾	1½	5	2542	1.30	.19	1¾	4	4	2538
1.08	.135	1	1¾	8½	2518	1.35	.13	1	4½	9	2527
1.10	.15	1½	2	7	2500	1.35	.135	1	4½	8½	2522
1.12	.10	27/32	2¼	11	2517	1.35	.14	1	4½	8	2523
1.15	.12	29/32	2½	9½	2521	1.35	.15	1	4½	7	2532
1.15	.125	15/16	2½	9¼	2514	1.35	.16	1¾	4½	6½	2506
1.15	.13	29/32	2½	9	2528	1.35	.16	1¼	4½	6½	2525
1.15	.13	1¼	2½	9	2501	1.35	.165	1¾	4½	6¼	2526
1.15	.14	1¼	2½	8	2502	1.35	.1825	1¾	4½	4¾	2529
1.15	.17	1¾	2½	6	2515	1.38	.145	1½	4¾	7½	2516
1.15	.17	1¾	2½	6	2541	1.40	.10	1¾	5	11	2520
1.16	.175	1¾	2½	5½	2539	1.40	.11	1¾	5	10	2513
1.20	.13	1¾	3	9	2536	1.40	.13	1	5	9	2530
1.20	.14	1	3	8	2533	1.40	.16	1¼	5	6½	2540
1.20	.16	1¾	3	6½	2503	1.40	.21	1¾	5	3	2544
1.20	.20	1¾	3	3½	2534	1.45	.12	1	5½	9½	2507
1.25	.10	1¾	3½	11	2545	1.45	.15	1¾	5½	7	2508
1.25	.17	1¼	3½	6	2504	1.55	.12	1	6½	9½	2509
1.25	.19	1¼	3½	4	2543	1.55	.14	3/32	6½	8	2510
1.27	.17	1¾	3¾	6	2524	1.60	.16	1¾	7	6½	2511
1.30	.11	15/16	4	10	2531	1.70	.15	1¾	8	7	2512
1.30	.125	29/32	4	9¼	2537						

# How To Identify Movements

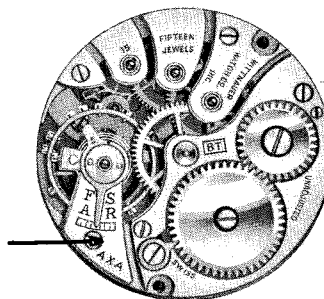
1. By the Importer's Name and Model usually found stamped on the upper bridge plates.



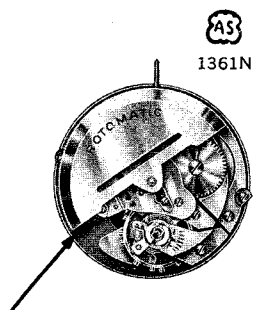
2. By the Manufacturer's Name and Caliber or Model usually found stamped on the upper bridge plates.

**NOTE:** Sometimes the Caliber or Model is found on the lower plate under the balance wheel.

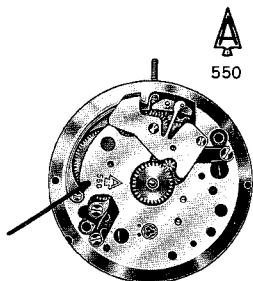
**CAUTION:** Letters stamped on Balance Bridges do not identify the model. These letters identify the watch importer, and are the same letters on each movement used by the company. For example: Bulova's letters are BXW, and Gruen's are GXC.



3. By the Manufacturer's Trade Mark and the Caliber, both of which are found in several places.



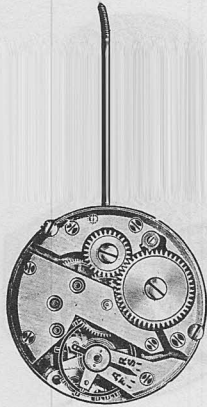
Both are found on the dial side of the lower plate.



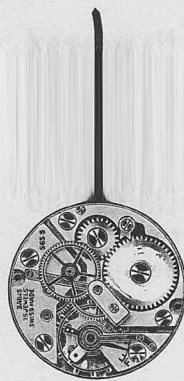
Both are found on the upper side of the lower plate near the balance wheel or near the escape wheel.

**NOTE:** Some factories, such as ETA, have stamped their Trade-marks on the dial side of the lower plate . . . but stamp the Caliber Number on the lower plate under the balance wheel.

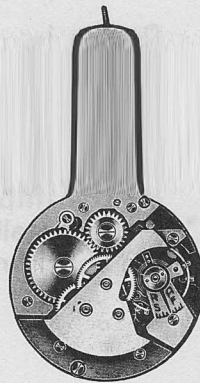
# How To Identify Movement Types



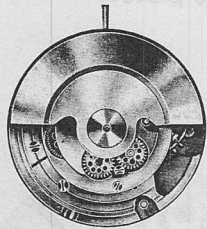
**ORDINARY**



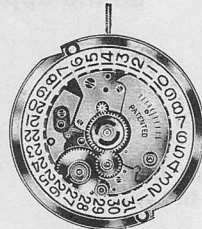
**INDIRECT  
SWEEP SECOND (S.S.)**  
With driving wheel No. 283  
and sweep pinion No. 275



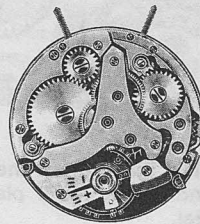
**DIRECT  
SWEEP SECOND (D.S.S.)**  
With sweep wheel and  
pinion combined No. 227



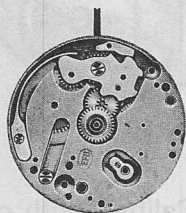
**AUTOMATIC (Auto.)**



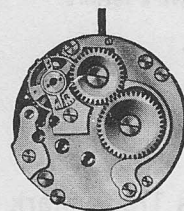
**CALENDAR (Cal.)**



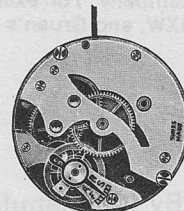
**ALARM (Al.)**



**ROCKING BAR  
(BASCULE) SETTING**



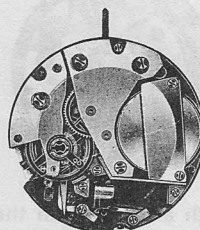
**PIN LEVER (P.L.)**



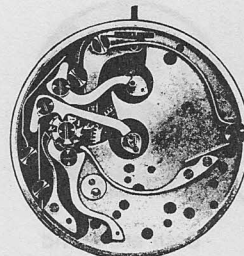
**CYLINDER**



**CHRONOGRAPH (Chro.)**




















































**ELECTRIC (Elec.)**



**TIMER (Tim.)**

# Factory Trade Marks & Abbreviations




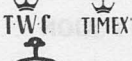






TRADE MARK	FACTORY NAME	MARSHALL ABBREVIATION	TRADE MARK	FACTORY NAME	MARSHALL ABBREVIATION
	AHO	AHO		CHAMP	CH
	AHS	LOR		CHEZARD	C
	ALPINA	AL		CORTEBERT	CO
<b>HT.</b>	ALTUS	HT		COURT	COU
	AMIDA	AMI		CROISSANT	CR
	ANGELUS	ANG		CULMINA	CU
	AROGNO	A		CUPELLARD	JC
	ASCO	ASC		DERBY	D
	AUDEMARS-PIQUET	AP		DESA	DE
	AURORE	AV		DODANE	DO
	H. F. BAUER	BAU		DOXA	DOX
	BAUMGARTNER	BFG		DUROWE	DU
	BECKER	BEC		EBOSA	E
	BEGUELIN	BTC		ELECTION	EL
	BELFORTE	BEL		ENICAR	EN
	BENRUS	BEN		ENZ	ENZ
	BERGER	BE		EPPLER	EP
	BETTLACH	EB		ETA	ETA
	BIDLINGMAIER	BI		ETERNA	ETE
	BIGALU	BIG		EXCELSIOR PARK	JB
	BLANCPAIN (RAYVILLE)	BL		FAVOR	FAV
	BRAC	BR		FAVRE-LEUBA	FL
	BULLA	EJ		FELSA	F
	BULOVA	BU		F.E.M.G.A.	FE
	BUREN	BAA		FLEURIER	FEF
	BUSER	B		FONTAINEMELON	FF
	CARAVELLE	CA		FORSTER	FO
	CERTINA	EA		FREY	FR

# Factory Trade Marks & Abbreviations

TRADE MARK	FACTORY NAME	MARSHALL ABBREVIATION	TRADE MARK	FACTORY NAME	MARSHALL ABBREVIATION
	GENERAL	GE		LE COULTRE	LE
	GENEVA SPORT WATCH	GSW		LEMANIA	LEM
	GIRARD-PERREGAUX	GP		LE PHARE	LEP
	GLYCINE	LG		LIENGME	LI
	GRAU & HAMPEL	GH		LIP	LIP
	GRUEN	GR		LONGINES	LO
	GUBA	GU		LOOPING	LOO
	HANHART	HAN		LORD	LOR
	HENRY SANDOZ	HSF		MARC FAVRE	MF
	HENZI & PFAFF	HP		MANZONI	MAN
	HORA	HO		MARTEL	MAR
	IMHOF	IMHOF		MARVIN	MA
	INTERNATIONAL	IN		MATTER	MAT
	JACCARD FRERES	JF		MAUTHE	MAU
	JACKLE	JA		MELANO	ME
	JEAMBRUN	JE		MEYER & STUDELI	MST
	JUDEX	JUD		A MICHEL	AM
	JULES JURGENSEN	JJ		MIDO	MI
	JUNGHANS	JU		MINERVA	RFV
	KAISER	KA		MOERIS	M
	KASPER	K		MONTILIER	MON
	KIENZLE	KI		MT. VERNON	MT
<b>KF</b>	KURTH	KF		MOVADO	MO
	KURTZ	KU		MULLER-SCHLENKER	MS
	LANDERON	L		NEW FACTORY TAVANNES (NOUVELLE)	ET
	LANGENDORF	LA	<b>O.M.</b>	O'MAIRE	OMR
	LAPANOUSE	LAP		OMEGA	OM
	LAVINA	LAV		OPTIMA	OP



# Factory Trade Marks & Abbreviations

TRADE MARK	FACTORY NAME	MARSHALL ABBREVIATION	TRADE MARK	FACTORY NAME	MARSHALL ABBREVIATION
	ORION.....	OR		SEIKO.....	SEK
	ORIS.....	OWC		SLAVA (RUSSIAN).....	SLA
	OSCO.....	OS		SOLVIL.....	SO
	OTERO.....	OT		SONCEBOZ.....	S
	H. PARRENIN.....	HPA		STANDARD (VANTAGE).....	STA
	PATEK-PHILIPPE.....	PP		SUZA.....	SU
	PERY.....	PE		TAVANNES.....	T
	PESEUX.....	P		TECHNIC EBAUCHE.....	TE
	PHENIX.....	PH		TIMEX (GERMAN)...	TIM
	PIERCE.....	PI		THIEL.....	TH
	POLJOT (RUSSIAN).....	POL		TISSOT.....	TI
	PRECIMAX.....	PR		UNITAS.....	UT
	PRECISION.....	PRE		UNITIME.....	UTC
	PUW (PORTA).....	PUW		UNIVERSAL.....	UN
	QUALCO.....	QU		UROFA.....	UR
	RAKETA (RUSSIAN).....	RAK		VACHERON-CONSTANTIN.....	VC
	RECONVILIER.....	REC		VALJOUX.....	TR
	RECORD.....	RE		VENUS.....	V
	RECTA.....	MV		VUFE UWERSI.....	VUF
	ROLEX.....	RO		VULCAIN.....	VU
	RONDA.....	RL		WASA.....	WA
	ROSEBA.....	RW		WILKA.....	WI
	ROSKOPF.....	ROS		WITTNAUER (THOMMEN).....	W
	SAVOIE.....	SA		WURTHNER.....	WU
	A. SCHILD.....	AS		ZENITH.....	Z
	SCHILD & CO.....	SC		ZODIAC.....	ZOD

















# How to Order Watch Parts

(1) SPECIFY QUANTITY

(2) SPECIFY THE MAKE AND MODEL OF THE WATCH OR THE MARSHALL NUMBER FOR THE PART NEEDED

(3) GIVE A COMPLETE DESCRIPTION OF THE PART

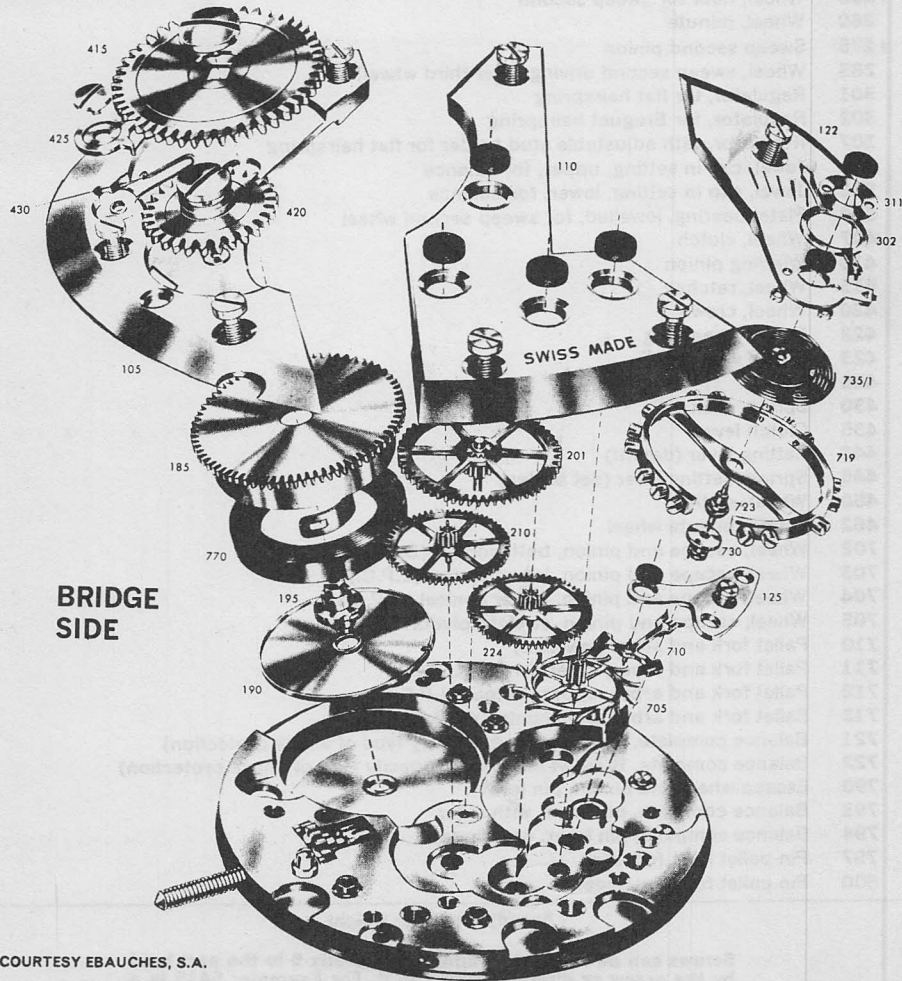
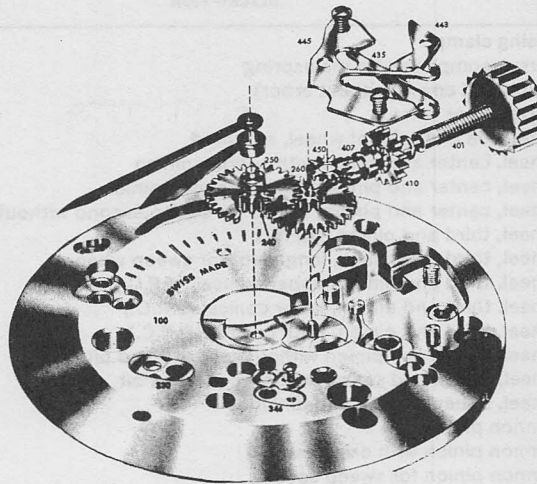
(4) LIST ALL SPECIAL FEATURES OF THE PART

	HOUR WHEEL . . . . . Overall Height ( in mm.) and if S.S.
	CANNON PINION . . . . . Overall Height ( in mm.) and if S.S.
	SWEEP SECOND PINION . . . Overall Height (in mm.)
	SWEEP SECOND WHEEL and PINION . . . . . Overall Height (in mm.)
	CENTER WHEEL . . . . . If S.S.
	THIRD WHEEL . . . . . If Long Upper pinion for S.S. or if Conical Pivot(s)
	FOURTH WHEEL . . . . . With or without Second Bit or if Conical Pivot(s)
	ESCAPE WHEEL . . . . . Whether B.P.S., B.P.C., L.P.C., or U.P.C. (Note: Cap Jewels do not necessarily mean that Conical Pivots are required.)
	PALLET ARBOR . . . . . If Conical Pivot(s)
	BALANCE STAFF . . . . . Type of Shock Protection (if not listed in Name and Caliber List)
	ROLLER . . . . . If Shock Protected
	REGULATOR . . . . . Whether Breguet or Flat
	BALANCE COMPLETE . . . . . Whether Breguet or Flat and Type of Shock Protection

For the Correct Part Numbers, See the Numerical Dictionary of Basic Watch Parts

# The Basic Watch Parts Illustrated

DIAL  
SIDE



BRIDGE  
SIDE

COURTESY EBAUCHES, S.A.

# Numerical Dictionary of Basic Watch Parts

EBAUCHES  
NUMBER

DESCRIPTION

166	Casing clamp
180	Barrel, complete with mainspring
182	Barrel and cover (without arbor)
195	Barrel arbor
197/1	Core, axle and ratchet wheel, mounted
200	Wheel, center and pinion with cannon pinion
201	Wheel, center and pinion without cannon pinion
206	Wheel, center and pinion, drilled for sweep second without cannon pinion
210	Wheel, third and pinion (B.P.S.)
214	Wheel, third and pinion, long pivot for sweep wheel
217	Wheel, third and pinion, upper conical (U.P.C.)
218	Wheel, third and pinion, lower conical (L.P.C.)
219	Wheel, third and pinion, both conical (B.P.C.)
220	Wheel, fourth and pinion without second hand bit
224	Wheel, fourth and pinion with second hand bit
†227	Wheel, sweep second and pinion
†240	Cannon pinion
†242	Cannon pinion with driving wheel
†245	Cannon pinion for sweep second
†250	Wheel, hour
†255	Wheel, hour for sweep second
260	Wheel, minute
†275	Sweep second pinion
283	Wheel, sweep second driving (over third wheel)
301	Regulator, for flat hairspring
302	Regulator, for Breguet hairspring
307	Regulator, with adjustable stud holder for flat hairspring
311	Jewel, cap in setting, upper, for balance
330	Jewel, cap in setting, lower, for balance
342	Plate, bearing, jewelled, for sweep second wheel
407	Wheel, clutch
410	Winding pinion
415	Wheel, ratchet
420	Wheel, crown
422	Crown wheel ring
423	Crown wheel core
425	Click
430	Spring, click
435	Clutch lever
443	Setting lever (detent)
445	Spring, setting lever (set bridge)
450	Wheel, setting
462	Clamp, minute wheel
702	Wheel, escape and pinion, both conical (B.P.C.)
703	Wheel, escape and pinion, lower conical (L.P.C.)
704	Wheel, escape and pinion, upper conical (U.P.C.)
705	Wheel, escape and pinion, straight pivots
710	Pallet fork and arbor (jewelled)
711	Pallet fork and arbor, lower conical (L.P.C.)
712	Pallet fork and arbor, upper conical (U.P.C.)
713	Pallet fork and arbor, both conical (B.P.C.)
721	Balance complete, flat hairspring (Specify type of shock protection)
722	Balance complete, Breguet hairspring (Specify type of shock protection)
790	Escape wheel and pinion, pin lever
793	Balance complete, pin lever, with roller
794	Balance complete, pin lever, with finger
797	Pin pallet fork, for roller
800	Pin pallet fork, for finger

† Specify length or height

Screws can be ordered by adding the prefix 5 to the part held by the screw or directly related to it. For Example: 5415 is a Ratchet Wheel Screw.

# *Description and Variation Abbreviation*

<b>ABBREVIATION</b>	<b>DESCRIPTION</b>
<b>AL.</b> .....	ALARM
<b>ATT.</b> .....	ATTACHED
<b>AUTO.</b> .....	AUTOMATIC
<b>BAL.</b> .....	BALANCE SHOULDER
<b>B.W.</b> .....	BACK WINDING
<b>CAL.</b> .....	CALENDAR
<b>CHRO.</b> .....	CHRONOGRAPH
<b>COL.</b> .....	COLLET
<b>DISC.</b> .....	DISCONTINUED
<b>D.S.S.</b> .....	DIRECT SWEEP SECOND
<b>ELEC.</b> .....	ELECTRIC
<b>F.T.</b> .....	FAST TRAIN
<b>FING.</b> .....	FINGER
<b>FRIC.</b> .....	FRICTION
<b>INCA.</b> .....	INCABLOC
<b>J/HR.</b> .....	JUMP HOUR
<b>J/SEC.</b> .....	JUMP SECOND
<b>KIF.</b> .....	KIF
<b>MON.</b> .....	MONOREX
<b>O.A.L.</b> .....	OVER-ALL LENGTH
<b>P.L.</b> .....	PIN LEVER
<b>REG.</b> .....	REGULAR
<b>R.P.I.</b> .....	RESERVE POWER INDICATOR
<b>RIV.</b> .....	RIVET
<b>ROL.</b> .....	ROLLER
<b>R.S.</b> .....	RUBY SHOCK
<b>S.R.</b> .....	SHOCK RESIST
<b>S.S.R.</b> .....	SUPER SHOCK RESIST
<b>S.S.</b> .....	SWEEP SECOND
<b>TH.H.</b> .....	THICK HUB
<b>TN.H.</b> .....	THIN HUB
<b>TIM.</b> .....	TIMER
<b>VIB.</b> .....	VIBRAX
<b>1D.</b> .....	1 DAY
<b>8D.</b> .....	8 DAY

# *Supplement to the Professional Watchmakers' Handy Manual*

Supplement A to the looseleaf Handy Manual includes a new up-to-date shockproof section, and the very latest information on Imported and American material, including additions and corrections to the original looseleaf installment.

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## **HOW TO USE THIS SUPPLEMENT**

### **ALSO SEE SHOCK PROTECTED PARTS HOW TO ORDER INFORMATION**

In the Name and Caliber List section of the supplement, additions and corrections are listed in the appropriate columns. The rest of the listing for each particular caliber is in the original looseleaf installment. For example: Roller No. 57F has been assigned to Amida 580. This is listed in the supplement on page NC 151 in the column under Roller No. This is the only number listed in the supplement. Write this addition into your Manual on page NC 2.

Corrections are distinguished from additions by **black boldface lettering**. For instance: in the first installment on page NC 4, Aurore 39 pallet arbor is listed as No. 556. On supplement page NC 152, Aurore 39 pallet arbor is listed correctly as 558 in **black boldface lettering**. Pallet arbor number 558 takes the place of 556. Mark this correction in your Manual, or place an X through 556 so that you know to check the supplement.

Models not listed in the first installment of the Manual are listed separately as **NEW CALIBERS**.

The Elgin and Hamilton information includes additions, corrections, and new calibers. Corrections are indicated by the **black boldface lettering**, the same as in the Name and Caliber List section.

### **IMPORTANT:**

Insert the supplement pages next to the corresponding sections. For example: insert the Name and Caliber List pages after NC 150. Insert the new section on Shock Parts and Devices after the Automatic Section. Insert the Elgin-Hamilton information between AM 38 and 39 or near to it.

### **ORDERING INFORMATION:**

When ordering balances complete, please state whether Screwless Balance. Add this information to page INF 6 in your Manual.

○ Denotes that the staff number assigned is for a screwless balance.

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## AMIDA — Additions and/or Corrections

502  
580

3204  
57F

## AROGNO — Additions and/or Corrections

7320-7330

3136

## AUORE — Additions and/or Corrections

10  
39  
45

556  
556  
800D

## AUORE — New Calibers

391	AV39	7 $\frac{3}{4}$			1294			
425	AV423	10 $\frac{1}{2}$			1749	1422L		
426	AV423	10 $\frac{1}{2}$			1749	1422L		
427	AV423	10 $\frac{1}{2}$			1749	1422L		
4207	AV423	11 $\frac{1}{2}$	3965		1749 Reg. 1980 Inca.	1422L	77P	526N

## BAUMGARTNER — Additions and/or Corrections

611

3246 Inca.

## BAUMGARTNER — New Calibers

58	BFG58	12 $\frac{1}{2}$ & 13 $\frac{1}{2}$ P.L. D.S.S.	4282		3224 Fing.	1689L		
158	BFG58	12 $\frac{1}{2}$ & 13 $\frac{1}{2}$ P.L. D.S.S. Cal.	4282		3267 Rol.	1689L		
902	BFG902	14 Al. P.L.	4338		3274	1645L		
930	BFG930	6 $\frac{3}{4}$ & 7 $\frac{3}{4}$ P.L.	4329		3160	1471L		
1582	BFG1582	13 $\frac{1}{2}$ P.L. D.S.S. Auto. Cal.	5127	Att.	3272 Fing. 3273 Rol.	1689L		

Caliber or Model	Marshall Stock No.	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## BELFORTE — Additions and/or Corrections

11G  
6F4G

BEL1155L  
BEL554

## BELFORTE — New Calibers

6E3B	BEL-6E3B	6		BEL3149 Fric.			
11N	BEL-11N	11 $\frac{1}{2}$				BEL1611L	

NC 152

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Main-spring No.	Brake Spring	Staff No.	Staff Variations	Stem No.	Roller No.	Pallet Arbor
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## BENRUS—Additions and/or Corrections

AP (BEN-  
P150)  
AG  
DM

BEN3654

1240L

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff No.	Staff Variations	Stem No.	Roller No.	Pallet Arbor
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## BETTLACH—Additions and/or Corrections

8800			4325					
8801			4325					
8804			4325					
8805			4325					

## BETTLACH—New Calibers

8340	EB8340	6¼ P.L.	3842		3259		1685L	
8341	EB8340	6¼ D.S.S. P.L.	3842		3259		1685L	
8350	EB8350	8¼ P.L.	3089		3259		1685L	
*8354	EB8350	8¼ Cal. P.L.	3089		3259		1685L	
8361	EB8350	8¼ D.S.S. P.L.	3089		3259		1685L	
*8365	EB8350	8¼ D.S.S. Cal. P.L.	3089		3259		1685L	

## BIDLINGMAIER—Additions and/or Corrections

85					3251			
103								96

## BIDLINGMAIER—New Calibers

68	BI-68	6¼ x 8	2829		3251		1658L	
70	BI-70	7¼	4335		3252		1659L	
70 Auto	BI-70	7¼ Auto.	4335		3252		1659L	
91	BI-91	9¼	4335		3254		1682L	
107	BI-107	10½	4336		3255		1683L	
120	BI-120	12½	4337		3256		1684L	
120SC	BI-120	12½ S.S.	4337		3256		1684L	
910	BI-910	11½ S.S. Aut. Cal.	5125	Att.	3254		1682L	

## BRAC—Additions and/or Corrections

121					3247 Cone			
2070								58
5011					{ 1937 Riv. 3034 Cone 3253 Fric.			

## BRAC—New Calibers

200*	BR190	12 P.L.	4264		2083		1436L	
201*	BR190	12 P.L.	4264		2083		1436L	
202*	BR190	12 P.L.	4264		2083		1436L	
203*	BR190	13 P.L.	4264		2083		1436L	

\* Some Parts Differ From The Basic Caliber



# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Light Size Description	Main- Spring No.	Brake Spring	Staff No.	Staff Vari- ations	Stem No.	Roller No.	Pallet Arbor
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## BRAC—New Calibers (Cont'd)

*204	BR190	13 P.L.	4264		2083		1436L		
*205	BR190	13 P.L.	4264		2083		1436L		
*206	BR190	13½ P.L.	4264		2083		1436L		
*207	BR190	13½ P.L.	4264		2083		1436L		
*208	BR190	13½ P.L.	4264		2083		1436L		
*210	BR190	12 P.L. S.S. Cal.	4264		2083		1436L		
*211	BR190	12 P.L. Cal.	4264		2083		1436L		
*212	BR190	12 P.L. Cal.	4264		2083		1436L		
*213	BR190	13 P.L. S.S. Cal.	4264		2083		1436L		
*214	BR190	13 P.L. Cal.	4264		2083		1436L		
*215	BR190	13 P.L. Cal.	4264		2083		1436L		
*216	BR190	13½ P.L. S.S. Cal.	4264		2083		1436L		
*217	BR190	13½ P.L. S.S.	4264		2083		1436L		
*218	BR190	13½ P.L. S.S.	4264		2083		1436L		
*300	BR300	10½ P.L.	4330		3225		1641L		
*301	BR300	10½ P.L.	4330		3225		1641L		
*303	BR300	11½ P.L.	4330		3225		1641L		
*304	BR300	11½ P.L.	4330		3225		1641L		
2053								58	
6013							1606L		
6213					3164		1606L		
6313					3164				
7011	BR7011	10½ P.L.	3936		3117		1561L		
7013	BR7013	10½ P.L. S.S.	3936		3117		1561L		
7015	BR7013	10½ P.L. S.S. Cal.	3936		3117		1561L		
7021	BR7011	10½ P.L.	3936		3117		1561L		
7023	BR7013	10½ P.L. S.S.	3936		3117		1561L		
7025	BR7013	10½ P.L. S.S. Cal.	3936		3117		1561L		
7111	BR7011	11½ P.L.	3936		3117		1561L		
7113	BR7013	11½ P.L. S.S.	3936		3117		1561L		
7115	BR7013	11½ P.L. S.S. Cal.	3936		3117		1561L		
7121	BR7011	11½ P.L.	3936		3117		1561L		
7123	BR7013	11½ P.L. S.S.	3936		3117		1561L		
7125	BR7013	11½ P.L. S.S. Cal.	3936		3117		1561L		
8011	BR8011	8¾ P.L.			3152		1136L		
8013	BR8013	8¾ P.L. S.S.			3152		1136L		
8015	BR8013	8¾ P.L. S.S. Cal.			3152		1136L		
8021	BR8011	8¾ P.L.			3152		1136L		
8023	BR8013	8¾ P.L. S.S.			3152		1136L		
8025	BR8013	8¾ P.L. S.S. Cal.			3152		1136L		
9011		6¾							

Caliber or Model	Main- spring No.	Brake Spring	Staff No.	Staff Vari- ations	Stem No.	Roller No.	Pallet Arbor
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## BULOVA—Additions and/or Corrections

3AE  
5AN  
5AR  
6A  
6CB

B4301

B554H  
B525Y

Delete all column listings. See Bulova New Calibers.  
Delete all column listings. See Bulova New Calibers.

B83

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## BULOVA—Additions and/or Corrections (Cont'd)

6CBC					B83	
6CMAC	B5055	Att.				B537V
7BPP						B537U5

## BULOVA—New Calibers

5AR	B3304		B3019	B726L	B33	B530A (BPS) B752 (LPC)	
6A	B3377		B3020	B241L	B72U		B554H
7AA	B3193		B171	B131L	B87		B559
12EBA	B5121		B3146	B1533L	B72T	B526E	

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## BUREN—New Calibers

280	BAA280	10½	4302		3144	1591L	72T	
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Caliber or Model	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## CARAVELLE—Additions and/or Corrections

100C						C82
110AC				C3278° Inca.		
110XAC				C3072		
110XACD				C3072		

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## CHEZARD—New Calibers

7401	C7400	11½ J/Sec.				1287L
7402	C7400	11½ J/Sec. Cal.				1287L

## CORTEBERT—Additions and/or Corrections

516			<del>3063</del>		3063	
528					984	333M

° FOR SCREWLESS BALANCE

# NAME and CALIBER LIST — SUPPLEMENT

Caliber	Marshall	Ligne Size	Main-spring	Brake	Staff & Staff Varia-	Stem	Roller	Pallet
NO.	NO.	DESCR.	NO.	SPRING	NO.	NO.	NO.	ARBOUR

## CORTEBERT—New Calibers

536	CO-528	19	2803		984	967L	333M	652
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## CROTON—New Calibers

A4685					1362 Inca.			
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## DESA—Additions and/or Corrections

260					3312 Fing.			
264					3312 Fing.			

## DESA—New Calibers

120	DE120	12 P.L.			3311 Fing.	996L		
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## DUROWE—New Calibers

71	DU71	5½			3142			
270	DU270	7¼ D.S.S. Auto.	5118	Att.				
600	DU600	11½ D.S.S. Auto.	5128	Att.	3275	1693L		
1290	DU1290	11½ DSS Auto. Cal.				1125L		

## EBOSA—Additions and/or Corrections

26							281N	
27							281N	
28							281N	

## EBOSA—New Calibers

84	E84	8¾ P.L.			2058			
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## ENICAR—New Calibers

1145-6	EN1145	11½ DSS Auto. Cal.	5129	Att.		1653L		593
1171	EN1171					1654L		

## ESA—New Calibers

9000	ESA9000					1620L		
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## ETA—Additions and/or Corrections

790								561
804								561
1010								533
1011								533
1301-1302								561
1311-1312								561
2360								40
2390					1440 Inca. {	1640 Inca.		
						3269 ° Inca.		
2408						3269 ° Inca.		
2409						3269 ° Inca.		
2410-2412								40
2440						3266 ° Inca.		

° FOR SCREWLESS BALANCE

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main- spring No.	Brake Spring	Staff & No.	Staff Varia- tions	Stem No.	Roller No.	Pallet Arbor
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## ETA—Additions and/or Corrections (Cont'd)

2442						3266 ° Inca.			
2450						3269 ° Inca.			
2451						3269 ° Inca.			
2452						3269 ° Inca.			
2453						3269 ° Inca.			
2454						3269 ° Inca.			
2460						3269 ° Inca.			
2472						3269 ° Inca.			
2474						3269 ° Inca.			
2500						3270 Reg.			
2502						3270 Reg.			
2520						3270 Reg.			
2521						3270 Reg.			
2522						3270 Reg.			

## ETA—New Calibers

1114	ETA1100	13 D.S.S. Cal.	3085			{ 779 Reg. 779 Inca.	783L	196	630
2391	ETA2390	11½ D.S.S.	3847			3269 ° Inca.	1163L	84	561
*2428	ETA2425	6¾ Auto. F.T.				{ 1770 Reg. 2075 Inca.	1295L	74A	554P
2490	ETA2490	8¾ D.S.S.	3202				1694L		
2503						{ 3270 Reg. 3128 Inca.			
2516-2517						{ 3270 Reg. 3128 Inca.			
2532-2533						{ 3270 Reg. 3128 Inca.			
2540	ETA2540	7¾ D.S.S.	2952			3271 Inca.	1697L	33	521
2541	ETA2540	7¾ D.S.S. Cal.	2952			3271 Inca.	1697L	33	521
2550	ETA2550	7¾ DSS. Auto. FT.	4033	2531		3271 Inca.	1697L	33	521
2551	ETA2550	7¾ Auto. Cal.	4033	2531		3271 Inca.	1697L	33	521

## ETERNA—Additions and/or Corrections

1274U						3277			
1434U						3276			
1435U						3210			
1447U								1527L	

## ETERNA—New Calibers

540						1458			
1253U		13 Auto.				1162			
1254U		13½ Auto. Cal.				1162			

## FAVRE-LEUBA—New Calibers

150								1690L	
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## FELSA—Additions and/or Corrections

21									556
81									556
82									556
125								1612L	

\* Some Parts Differ From The Basic Caliber

° FOR SCREWLESS BALANCE

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## FELSA—Additions and/or Corrections (Cont'd)

197								556
233								556
290					1563			556
291					1563			
372								555
373								555
380-381								556
382								556
4062			4279					

## FLEURIER—Additions and/or Corrections

160								555
165-166								555

## FLEURIER—New Calibers

401	FEF400	3 $\frac{3}{4}$ D.S.S.	2732		{ 675 Reg. 800D Inca.	683L	89	560P
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## FONTAINEMELON—Additions and/or Corrections

55-2					1676 Reg.			
55-4					1676 Reg.			
57-21					3268 ° Inca.			
59-21	FF59-21	3 $\frac{3}{4}$ x 10 F.T.			{ 3263 ° Inca. 3264 Reg. 3174 Inca.	105L	40	554P
62					3283 ° Inca.			561
62-2 &								561
62-2N								561
63					{ 1537 Inca. 171A Reg.			561
63-2					{ 1537 Inca. 171A Reg.			561
63-3					{ 1537 Inca. 171A Reg.			561
64								561
64-2 &								561
64-2N								561
125					{ 171A Reg. 1537 Inca.			561
125-1					{ 171A Reg. 1537 Inca.			561
126					{ 171A Reg. 1537 Inca.			561

## FONTAINEMELON—New Calibers

*71-3	F.F. 71	10 $\frac{1}{2}$ & 11 $\frac{1}{2}$ Cal.	3819		219A Inca. 618 Reg. 1238 S.S.R.	948L	83	554
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\* Some Parts Differ From The Basic Caliber

° FOR SCREWLESS BALANCE

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Staff No.	Stem No.	Roller No.	Pallet Arbor
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## FORSTER—Additions and/or Corrections

70 3216

## FORSTER—New Calibers

150	FO-150	10½ D.S.S.			3126		1601L		594
192	FO-150	11½ D.S.S. Auto.			3126		1601L		594
194	FO-1152	11½ D.S.S. Auto.			3126		1601L		594
197	FO-1152	11½ D.S.S. Auto. Cal.			3126		1601L		594
1152	FO-1152	11½ D.S.S.			3126		1601L		594

## GENERAL—New Calibers

846 GE846 11½ D.S.S. Auto. 5124 Att. 2090 1484L 82 561

## GENEVA SPORTS WATCH—New Calibers

60	GSW60	5½	3245						
230	GSW230	10½	3245				1681L		

## GIRARD PERREGAUX—Additions and/or Corrections

30									539B
31									539B
32									539B

## GIRARD PERREGAUX—New Calibers

56 GP56 5¾ 3201

## GRUEN—Additions and/or Corrections

282					G717				
515ss							1187L		
552					G3278 ° Inca.				
552ss					G3278 ° Inca.				

## GRUEN—New Calibers

760ss G-L4750 11½ D.S.S. Elect BAT. WD4 1478L

## GUBA—Additions and/or Corrections

25 1379L

## HANHART TIMERS—Additions and/or Corrections

All listings in Pallet Arbor column are incorrect.  
These listings should be inserted in the Roller No. column.

45/47									652M4
80/85									652M4

## HELBROS—New Calibers

190	A120	10½	3870		1504		1103L	89	594
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# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main- spring No.	Brake Setting	Staff No.	Staff & Varia- tions	Stem No.	Roller No.	Pallet No.
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## HENRY SANDOZ—Additions and/or Corrections

56	HSF56	10½ D.S.S.							629 L.P.C.
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## HENZI & PFAFF—New Calibers

60	HP60							89	615
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## INTERNATIONAL—Additions and/or Corrections

51									1691L
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## JUNGHANS—New Calibers

28	JU28	18½ Timer				3215			
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## KASPER—Additions and/or Corrections

750								189	614
800								189	614
900									
901									
951									
1000								189	614
1000N									
1050N									

## KIENZLE—New Calibers

070-17	KI-070/17	6¾ x 8				3177			
147/72	KI-147/72								1607L

## KURTH—Additions and/or Corrections

13-10									3157 Inca.
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## KURTH—New Calibers

25-651	EA25-65	11½ D.S.S. Auto. Cal.				3156			1599L
25-661	EA25-66	11½ D.S.S. Cal.				3156			1599L

## LANGENDORF—Additions and/or Corrections

1113									1688L
*1113N									1688L
*1114									1688L
*1114N									1688L

## LANGENDORF—New Calibers

1737	LA1737	17½							3170
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## LAPANOUSE—New Calibers

148	LAP148	12 P.L.							1908
149A	LAP148	13½ P.L. Cal.							1908

\* Some Parts Differ From The Basic Caliber

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## LE COULTRE—Additions and/or Corrections

17UOV  
427

LE538F  
**LE32T**

## LE COULTRE—New Calibers

403	} LE4291 } LE4292 F.T.	LE3079	LE1544L
406		LE3080	LE1542L
409	} LE4293 } LE4294 F.T.	LE3081	LE1541L

Caliber or Model	Marshall Stock No.	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## LONGINES—Additions and/or Corrections

294  
4.21  
9.35  
10.40  
11.62N  
18.80  
37.9

LO-591W  
LO-28P  
LO-143  
LO-99  
LO-255  
LO-318  
LO-202L

## LONGINES—New Calibers

352  
410

LO-1503L  
LO-1572L LO-49 LO-554P  
LO-4298 LO-3112

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## LORD—New Calibers

152 LOR152 10½ 1657L  
154 LOR154 11½ S.S. Auto. 1657L

## MARVIN—Additions and/or Corrections

700 3171 156P

## MEYLAN—Additions and/or Corrections

208A 3193 S.P.



# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main- spring No.	Brake Spring	Staff & Vari- ations No.	Staff Vari- ations No.	Stem No.	Roller No.	Pallet Arbor
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## A. MICHEL—Additions and/or Corrections

125							1612L		
290								40	
380-381									556
382									556

## MIDO—Additions and/or Corrections

717							7110L		
717A							7110L		
1117P			3901						

## MIDO—New Calibers

1127 O	MI-1127 O	13 D.S.S. Auto.	5126	Att.	3260 Inca.		1687L	83	561
1127 OC	MI-1127 O	13 D.S.S. Auto Cal.	5126	Att.	3260 Inca.		1687L	83	561

## MOERIS—New Calibers

19A	M19A	19							652M4
19G	M19G	19							652M4

## MOVADO—Additions and/or Corrections

165							1695L		
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## MOVADO—New Calibers

57	MO-57	5½ F.T.					1549L		
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## NEW FACTORY TAVANNES (NOUVELLE)—

### Additions and/or Corrections

525									561
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Caliber or Model		Main- spring No.	Brake Spring	Staff & Vari- ations No.	Staff Vari- ations No.	Stem No.	Roller No.	Pallet Arbor
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## OMEGA—Additions and/or Corrections

12.6							29M	540T
160		3974						
244							64	
340						1604L		
381								564M

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model		Main-spring No.	Brake Spring	Staff No.	Staff Variations	Stem No.	Roller No.	Pallet Arbor
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## OMEGA—New Calibers

286				3235 Inca.		656L		
19T1	OM19T1	19		3242		1652L	335	
43T1	OM43T1	19		3242			335	
43LT1	OM43T1	19		3242				

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff No.	Staff Variations	Stem No.	Roller No.	Pallet Arbor
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## ORIS—New Calibers

484	OWC482	11½ D.S.S. Cal.					1614L		
652	OWC652	11½ D.S.S. P.L.	4166		3248		1651L		
654	OWC652	11½ D.S.S. P.L. Cal.	4166		3248		1651L		

## OSCO—Additions and/or Corrections

56								629
65					3203			

## PATEK-PHILIPPE—Additions and/or Corrections

12/600AT							1619L	
17/140			4308					
27SC							1625L	

## PATEK-PHILIPPE—New Calibers

175C	P.P.175C						1626L	
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## PESEUX—Additions and/or Corrections

140								556
210								533
280						800C		
290								556
340					{ 717 Reg. 3265° Inca.			
7000							194	
7010							194	

## PESEUX—New Calibers

345	P345	5½ x 6¾	3191		{ 717 Reg. 106 Inca. 3265° Inca.	1420L	74A	550M
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## PIAGET—New Calibers

5P	PIA 5P	5¼				1592L		
5N	PIA 5N	5¼						
6N	PIA 6N	6	3681		1624 Inca.	1434L	26	525Y
6N1	PIA 6N	6			1624 Inca.			
6P	PIA 6P	6	3681		1624 Inca.	1161L	26	525Y

° FOR SCREWLESS BALANCE

NC 163

# NAME and CALIBER LIST — SUPPLEMENT

Caliber	Marshall	Ligne Size	Main-spring	Brake	Staff & Staff	Staff	Stem	Roller	Pallet
Model	Stock No.	Description	No.	Spring	No.	Variations	No.	No.	Arbor

## PIAGET—New Calibers (Cont'd)

6P1	PIA 6P	6 F.T.					1161L	26	
9N	PIA 9N	9							
9P	PIA 9P	9							
12P	PIA 12P	12 Auto.							

## P.U.W. (PORTA)—New Calibers

74	PUW73	5½			3172 Inca.		1413L		
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## RAKETA—Additions and/or Corrections

2601			4332		3140 Reg.		1655L	278F	
2602			4332		3140 Reg.		1655L	278F	
2603			4332		3140 Reg.		1655L	278F	

## ROLEX—Additions and/or Corrections

190								28D	
1120								42	525Y
1130								42	525Y
1135								42	525Y
1200								89	557U
1215								89	
1216								89	
1300									590U
1310									590U
1315									590U
1400-1401					4331			51	554P

## SAVOIE—Additions and/or Corrections

514								3205*	
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## A SCHILD—Additions and/or Corrections

895							1615L		
969								40	
973								40	
976					3265 ° Inca.				
1012					3265 ° Inca.				
1111					800C				
1152					800C				
1240			3934						
1456								1110L	
1537								40	
1608								1110L	
1624					1870				
1626					1870				
1632								40	
1636					1870				
1641					1870				
1656					3262 ° Inca.				
1673					3262 ° Inca.				
1674					3262 ° Inca.				
1676					3265 ° Inca.				

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## A SCHILD—Additions and/or Corrections (Cont'd)

1677					3265 ° Inca.			
1704								594
1705								594

## A SCHILD—New Calibers

1719	AS1677	5½ x 6¾ F.T.	3811		106	50L	40	556
1722	AS1017	4¾ x 6½ F.T.			56 .45 Col.	164L	40	554P
1735	AS1735	6¾				1596L		537W
1736	AS1735	6¾ F.T.				1596L		537W
1758	AS1758	10½			1837	1332L	77Y	526N

## SCHILD & CO.—Additions and/or Corrections

101					3168	1617L	329	
18-220							296A	
503					3169	1616L	310R	

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff No.	Stem No.	Roller No.	Pallet Arbor
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## SEIKO—Additions and/or Corrections

Fairway (21J)					3153		143	605R
Lady (21J)								527A
760 & 61					3153		143	605R
820		5130	Att.		3153	†	143	605R
850 & 51					3153	1539L	143	605R
860					3153	1539L	143	605R
7622A & B (17J)					3153	1539L	143	605R
7625A & B (17J)		5130	Att.		3153	†	143	605R

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main-spring No.	Brake Spring	Staff & Variations	Stem No.	Roller No.	Pallet Arbor
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## STANDARD (SWISS)—Additions and/or Corrections

69								561
1686					3278 Inca.			

## STANDARD (JAPAN)—New Calibers

27	ST27	6¾ x 8			3159	1647L		
115	ST115	11½ D.S.S. Cal.	4134		3281	1613L		

° FOR SCREWLESS BALANCE

# NAME and CALIBER LIST — SUPPLEMENT

Caliber Model	Marshall Stock No.	Ligne Size Description	Main- spring No.	Brake Spring	Staff & No.	Staff Varia- tions	Stem No.	Roller No.	Pallet Arbor
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## TAVANNES—New Calibers

480	T480	12½ D.S.S. Auto.					1634L		
481	T484	12½ Auto.					1634L		
482	T484	12½ Auto. Cal.					1634L		
484	T484	12½					1634L		
485	T480	12½ D.S.S. Auto. Cal.					1634L		
486	T480	12½ D.S.S.					1634L		
487	T484	12½ Cal.					1634L		

## TISSOT—Additions and/or Corrections

785					3098			185	
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## UNITAS—Additions and/or Corrections

190									561
193									561
195									561
540 & 41									556
543									556
550 & 51									556

## UNITAS—New Calibers

445	UT431	19							1485 Inca.
446	UT432	19							1485 Inca.

## UNITIME—New Calibers

36C	SEK7625A	12 D.S.S. Auto. Cal.	5130	Att.	3153		1664L	143	605R
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## UNIVERSAL—Additions and/or Corrections

1105									3279
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## UNIVERSAL—New Calibers

218	UN218	12 Auto.							74A
320	UN320	5¼				3167			
402	UN402	4½				3124			
542	UN542	5¾				3280			
1106 & 1107	UN1005	11½ D.S.S.				3279			

## UROFA—Additions and/or Corrections

52									1589
522									1589

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Main- spring No.	Brake Spring	Staff No.	Staff & Varia- tions	Stem No.	Roller No.	Pallet Arbor
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## VACHERON & CONSTANTIN—Additions and/or Corrections

434

VC3258

## VACHERON & CONSTANTIN—New Calibers

453/2C

VC3241

Caliber or Model	Marshall Stock No.	Ligne Size Description	Main- spring No.	Brake Spring	Staff No.	Staff & Varia- tions	Stem No.	Roller No.	Pallet Arbor
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## VALJOUX—Additions and/or Corrections

24

1618L

32

652N4

33

652M4

320

652M4

330

652M4

340

652M4

360

652M4

## VALJOUX—New Calibers

53

TR53

20 Al.

1605

## VENUS—Additions and/or Corrections

150

3261 Inca.

152

3261 Inca.

206 &amp; 207

3261 Inca.

Caliber or Model	Main- spring No.	Brake Spring	Staff No.	Staff & Varia- tions	Stem No.	Roller No.	Pallet Arbor
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## WITNAUER—Additions and/or Corrections

4D/1

554P

4D/2

554P

5D/3

3071 .70 Bal.

7T

WIT572F

11T

WIT602

11WSG/1

3244 KIF

320

652M4

## WITNAUER—New Calibers

3W

WIT3148 S.P.

WIT1590L

76/4G

WIT1684 KIF

89

WIT3113

19/90

WIT1692L

# NAME and CALIBER LIST — SUPPLEMENT

Caliber or Model	Marshall Stock No.	Line Size Description	Main- Spring No.	Staff Vari- ations No.	Staff No.	Staff No.	Roller No.	Pallet Arbor
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## WYLER—New Calibers

WC36				3249				
WH38	FF74-4	11½ D.S.S. Cal.					1598L	
WP70	UT431	19					1638L	
WH222	ETA2370	11½ D.S.S.		1586				
WS224	ETA2442	6 F.T.					1608L	

## ZARIA—New Calibers

1800	ZAR1800	5¼ x 8	4333	3250			1656L	
1801	ZAR1800	5¼ x 8	4333				1656L	

## ZENITH—Additions and/or Corrections

40							1365L	
57.8				3221 Inca.				

## ZENITH—New Calibers

88.5	Z88	8¾ S.S.	4243	3220			1639L	
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## ZODIAC—Additions and/or Corrections

61								539B
68								539B
70								539B
72								539B

## The Marshall CROWN Section

### CORRECTIONS

PAGE & SECTION	CHANGE FROM	CHANGE TO
CR8 WWL Hydro-Seal Post Length .90 White	<u>4WWL4.5/8/10</u> 1.80 to 2.35	<u>4WWL4.5/8/10</u> 2.40 to 2.60
CR8 WWL Hydro-Seal Post Length .90 Yellow	<u>2WWL4.5/8/10</u> 1.80 to 2.35	<u>2WWL4.5/8/10</u> 2.40 to 2.60
CR8 WWL Hydro-Seal Post Length 1.50 Yellow	<u>4WWL5.7/8/10</u> 2.40 to 2.60	<u>2WWL5.7/8/10</u> 2.40 to 2.60
CR9 SW Conventional White	<u>4SW5.7</u> 1.40	<u>4SW5.7</u> 2.40

***SHOCK PROTECTED PARTS***

***and***

***JEWEL DEVICES***















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## SHOCK PROTECTED PARTS








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	KIF TRIOR .....	SPP 4		ETERNA "E" .....	SPP 11
	FLECTOR .....	SPP 4		ETERNA "H" .....	SPP 11, 12
	ELASTOR .....	SPP 4		ETERNA "L" .....	SPP 12
	SATELLOR .....	SPP 4		ETERNA "T" .....	SPP 12
	ULTRAFLEX .....	SPP 4		ETERNA "U" .....	SPP 12, 13
	PROTOCHOC .....	SPP 5		EMO-ANTICHOC .....	SPP 13
	MONOREX 53 .....	SPP 5, 6		OMEGA INCABLOC ...	SPP 14, 15
	SIMREX .....	SPP 6		OMEGA FLECTOR ...	SPP 15
	SHOCK RESIST .....	SPP 6		OMEGA NOVOCHOC ...	SPP 15
	SUPER SHOCK RESIST ...	SPP 7		ANTICHOC MT .....	SPP 16
	RUBY SHOCK (3 ARM) ...	SPP 7		ANTICHOC SUPER MT. .	SPP 16
	RUBY SHOCK (2 ARM) ...	SPP 7		MICROFLEX .....	SPP 16
	NEUTRO SHOCK .....	SPP 8		ANTICHOC 102 .....	SPP 17
	MASTER SHOCK .....	SPP 8		ANTICHOC 51 .....	SPP 17
	RUBY NEUTRO SHOCK ...	SPP 8, 9		UNICHOC .....	SPP 18
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	TRISHOC .....	SPP 10		DUROBLOC .....	SPP 19

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## SHOCK PROTECTED PARTS

Spring Identification	Factory Name	Page	Spring Identification	Factory Name	Page
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	BIDLINGMAIER . . . . .	SPP 20		KIENZLE . . . . .	SPP 22
	CONTRACHOC . . . . .	SPP 20		DIASHOCK . . . . .	SPP 22
	FARR . . . . .	SPP 20,21		POLJOT 2410 . . . . .	SPP 23
	RUFAREX . . . . .	SPP 21		RAKETA 2601 . . . . .	SPP 23
	ULTRABLOC . . . . .	SPP 21		SLAVA 1601 . . . . .	SPP 23

### *JEWEL DEVICE for TRAIN and ESCAPEMENT*

	DUOFIX . . . . .	SPP 24		DIAFIX (LADIES) . . . . .	SPP 25
	FIXMOBIL . . . . .	SPP 24		DIAFIX (GENTS) . . . . .	SPP 25,26
	GIROCAP . . . . .	SPP 24		DUOBIL . . . . .	SPP 26
	LUBRIFIX . . . . .	SPP 25			

# ***SHOCK PROTECTED PARTS***

## ***and JEWEL DEVICES***

### **How to Order Information**

Shock devices are identified by spring in this section.  
See the Table of Contents for Spring Identification and Page Number.

#### **A. HOW TO IDENTIFY IF PARTS ARE LOST:**

1. If **SPRING** is lost: identify by opposite side of movement
2. If **CAP JEWEL** is lost: measure diameter of hole jewel. For example: you have lost the cap jewel for an Incabloc device. Now you measure the hole jewel and it's 1.03 mm. As you can see on page SPP 3, this hole jewel requires a cap jewel with a diameter of .89 mm. To order the upper cap jewel, you would request SP/15. The lower cap jewel is SP/16.
3. If **HOLE JEWEL** is lost: determine the hole size by measuring the pivot; also measure the diameter of the cap jewel. If, for example, the cap jewel has a diameter of 1.00 mm., and the pivot is .09 mm., you would request SP/198 for the hole jewel.

#### **B. HOW TO DETERMINE SHOCK PROTECTED PARTS FOR ETERNA MODELS:**

The model number has a letter which designates the type of shock device (833E or 833H). Parts are listed by device and model.

#### **C. HOW TO DETERMINE SHOCK PROTECTED PARTS FOR OMEGA AND DUROWE MODELS:**

Determine type of device by spring. Locate part needed by model numbers listed to right of position number (SP/). For example: lower spring for Omega 552 is SP/204. The upper spring is SP/202.

#### **D. HOW TO IDENTIFY SIMILAR LOOKING SPRINGS:**

Due to the similarity between two or more springs, it is sometimes difficult to distinguish between them. The type can usually be determined by comparing sizes and/or type of cap jewel and/or hole jewel. For example: The Farr and Rufarex springs are very similar in appearance. However, the cap jewel for the Rufarex is in a setting while the Farr is unset. However, if both cap jewels are the same (set or unset), their diameters can be compared.

For example: Farr and Ultrabloc look alike. But the Farr cap jewel has a diameter of .91 and the Ultrabloc has a diameter of 1.00 mm.

**FOR EASIEST AND FASTEST SERVICE, ORDER BY POS. NO. (SP/).**

# SHOCK PROTECTED PARTS



**INCABLOC**

## SPRING

Pos. No.	Style	Feature	Pos. No.	Style	Feature
SP/1		Width 1.55 mm. Straight Hook	SP/6		Lower
SP/2		Width 1.95 mm. Pocket Size	SP/7		Lower
SP/3		Width 1.55 mm. Crescent Hook	SP/8		Lower
SP/4		Width 1.09 mm.	SP/9		Upper Old Style
SP/5		Low. St 69-96-1686 Up & Low Land. 4750	SP/10		Lower Old Style

## BOLT (GIB)

Pos. No.	Width mm.	Thick mm.	Pos. No.	Width mm.	Thick mm.
SP/11	1.80	.19	SP/13	2.45	.24
SP/12	1.50	.21			

## HOLE JEWEL

Up. & Low. In Setting

## CAP JEWEL (Unset)

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Thick mm.	Dia. † mm.	Pos. No.	Thick mm.
SP/14	1.03	.07	SP/15	.22	.89	SP/16	.11
SP/17	1.03	.07½					
SP/18	1.03	.08					
SP/19	1.03	.09					
SP/20	1.03	.10					
SP/198	1.10	.09	SP/201	.13	1.00	SP/201	.13
SP/199	1.10	.10					
SP/200	1.10	.11					
SP/21	1.35	.08	SP/22	.25	1.20	SP/23	.15
SP/24	1.35	.09					
SP/25	1.35	.10					
SP/26	1.35	.11					
SP/27	1.80	.12	SP/28	.35	1.55	SP/29	.23

## SCREW FOR COMPLETE ASSEMBLY

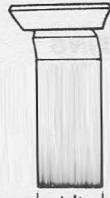
Pos. No.	Thread Dia. mm.	Feature	Pos. No.	Thread Dia. mm.	Feature
SP/30	.50	.20 Head Thickness	SP/33	.60	.15 Head Thickness
SP/31	.60	.20 Head Thickness	SP/34	.60	.90 Lg. Pol. End
SP/32	.50	.15 Head Thickness	SP/35	.60	1.10 Lg. Pol. End

† Diameter applies to upper and lower cap jewel.

# SHOCK PROTECTED PARTS



## KIF-TRIOR



NORMAL



BS

### SPRING

Pos. No.	Size (Adj.)
SP/36	160-160BS
SP/37	210

### NOTE:

For Adjustment Size Measure Diameter of that Portion of Block Which Frictions into Plate or Bridge.  
160BS Indicates Thin Block

### HOLE JEWEL

Up. & Low. In Setting

### CAP JEWEL

Up. & Low. Unset

Pos. No.	Dia. mm.	Hole mm.	Size (Adj.)	Pos. No.	Dia. mm.	Thick mm.	Size (Adj.)
SP/38	1.15	.07	160	SP/50	.89	.20	160
SP/39	1.15	.08	160				
SP/40	1.15	.09	160				
SP/41	1.15	.10	160				
SP/42	1.15	.11	160				
SP/43	1.15	.07	160BS (Thin Block)	SP/51	.89	.13	160BS
SP/44	1.15	.08	160BS (Thin Block)				
SP/45	1.15	.09	160BS (Thin Block)				
SP/46	1.40	.08	210	SP/52	1.19	.20	210
SP/47	1.40	.09	210				
SP/48	1.40	.10	210				
SP/49	1.40	.11	210				



## FLECTOR

### SPRING WITH BOW

Pos. No.	Size (Adj.)	Pos. No.	Size (Adj.)
SP/53	160-160BS	SP/54	190-190BS-210

### HOLE JEWEL

Up. & Low. In Setting

### CAP JEWEL

Up. & Low. Unset

Pos. No.	Dia. mm.	Hole mm.	Size (Adj.)	Pos. No.	Dia. mm.	Thick mm.	Size (Adj.)
SP/38	1.15	.07	160	SP/50	.89	.20	160
SP/39	1.15	.08	160				
SP/40	1.15	.09	160				
SP/41	1.15	.10	160				
SP/42	1.15	.11	160				
SP/43	1.15	.07	160BS (Thin Block)	SP/51	.89	.13	160BS
SP/44	1.15	.08	160BS (Thin Block)				
SP/45	1.15	.09	160BS (Thin Block)				
SP/55	1.30	.08	190-210	SP/63	1.09	.20	190-210
SP/56	1.30	.09	190-210				
SP/57	1.30	.10	190-210				
SP/58	1.30	.11	190-210				
SP/59	1.30	.07	190BS (Thin Block)	SP/64	1.09	.13	190BS
SP/60	1.30	.08	190BS (Thin Block)				
SP/61	1.30	.09	190BS (Thin Block)				
SP/62	1.30	.10	190BS (Thin Block)				

# SHOCK PROTECTED PARTS



## ELASTOR

### SPRING

Pos. No.	Size (Adj.)	Pos. No.	Size (Adj.)
SP/65	160-160BS	SP/66	190-190BS-210

HOLE JEWELS & CAP JEWELS SAME AS FLECTOR



## SATELLOR

### SPRING

Pos. No.	Size (Adj.)	Pos. No.	Size (Adj.)
SP/67	160	SP/68	190-210

HOLE JEWELS & CAP JEWELS SAME AS FLECTOR



## ULTRAFLEX

### SPRING

Pos. No.	Size (Adj.)	Pos. No.	Size (Adj.)
SP/69	130	SP/70	160-160BS

#### HOLE JEWEL

#### CAP JEWEL

Up. & Low. In Setting				Upper Unset			Lower Unset		
Pos. No.	Dia. mm.	Hole mm.	Size (Adj.)	Pos. No.	Dia. mm	Th. mm	Pos. No.	Dia. mm	Th. mm
SP/71	1.03	.08	130	SP/50	.89	.20	SP/51	.89	.13
SP/72	1.03	.09	130						
SP/55	1.30	.08	160	SP/63	1.09	.20	SP/63	1.09	.20
SP/56	1.30	.09	160						
SP/57	1.30	.10	160						
SP/58	1.30	.11	160						
SP/59	1.30	.07	160BS	SP/64	1.09	.13	SP/64	1.09	.13
SP/60	1.30	.08	160BS						
SP/61	1.30	.09	160BS						
SP/62	1.30	.10	160BS						

**PROTOCHOC (P.L.) See Kif Trior**



## MONOREX 53

#### HOLE JEWEL

#### CAP JEWEL WITH ATTACHED SPRING

Upper & Lower In Setting			Upper		Lower		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Thick	Dia. † mm.	Pos. No.	Thick
SP/75	1.30	.08	SP/79	.33	1.35	SP/80	.29
SP/76	1.30	.09					
SP/77	1.30	.10					
SP/78	1.30	.11					

† Diameter applies to upper and lower cap jewel.

Continued

# SHOCK PROTECTED PARTS



## MONOREX 53 — Continued

HOLE JEWEL			CAP JEWEL WITH ATTACHED SPRING				
Upper & Lower In Setting			Upper		Lower		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Thick	Dia. † mm.	Pos. No.	Thick
SP/81	1.65	.12 Pocket	SP/84	.33	1.75	SP/85	.29
SP/82	1.65	.15 Pocket					
SP/83	1.65	.16 Pocket					

† Diameter applies to upper and lower cap jewel.



## SIMREX (P.L.) See Monorex 53



## SHOCK-RESIST

### HOLE JEWEL ASSEMBLY

#### Upper & Lower

Pos. No.	Dia. mm.	Mtg. Hole	Jewel Hole	Pos. No.	Dia. mm.	Mtg. Hole	Jewel Hole
SP/86	1.90	.40	.08	SP/97	2.10	.48	.11
SP/87	1.90	.40	.09	SP/98	2.10	.48	.12
SP/88	1.90	.40	.10	SP/99	2.50	.48	.10
SP/89	1.90	.40	.11	SP/100	2.50	.48	.11
SP/90	1.90	.48	.10	SP/101	2.50	.48	.12
SP/91	1.90	.48	.11	SP/102	3.20	.48	.12
SP/92	2.10	.40	.08	SP/103	3.20	.48	.13
SP/93	2.10	.40	.09	SP/104	3.20	.48	.14
SP/94	2.10	.40	.10	SP/105	3.20	.48	.15
SP/95	2.10	.40	.11	SP/106	3.20	.48	.16
SP/96	2.10	.48	.10				

### CAP JEWEL ASSEMBLY

#### Upper

#### Lower

Pos. No.	Dia. mm.	Pos. No.	Dia. mm.	Length
SP/107	2.50	SP/112	2.10	3.40
SP/108	2.65	SP/113	2.45	3.55
SP/109	2.75	SP/114	2.45	3.80
SP/110	3.00	SP/115	2.75	4.10
SP/111	3.50	SP/116	3.20	4.75
SP/148	4.30			
SP/149	5.00			

### SCREWS FOR CAP ASSEMBLY

#### Upper

#### Lower

Pos. No.	Thread Dia. mm.	Pos. No.	Thread Dia. mm.
SP/117	.40	SP/120	.50
SP/118	.50	SP/121	.60
SP/119	.60		

### REGULATOR

FOR SHOCK-RESIST REGULATOR, IT IS NECESSARY TO ORDER BY MAKE & MODEL. STATE WHETHER FOR FLAT OR BREQUET HAIRSPRING.

# SHOCK PROTECTED PARTS



## SUPER SHOCK-RESIST

### HOLE JEWEL IN COIL SPRING

Upper & Lower

### CAP JEWEL WITH ATTACHED SPRING

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia mm.	Thick	Pos. No.	Dia. mm	Thick
SP/122	1.60	.08	SP/126	1.60	.45	SP/127	1.60	.35
SP/123	1.60	.09						
SP/124	1.60	.10						
SP/125	1.60	.11						
SP/128	1.80	.09	SP/132	1.80	.45	SP/133	1.80	.35
SP/129	1.80	.10						
SP/130	1.80	.11						
SP/131	1.80	.12						
SP/134	2.10	.11	SP/136	2.10	.45	SP/137	2.10	.35
SP/135	2.10	.12						
SP/138	2.70	.12	SP/140	2.70	.45	SP/141	2.70	.35
SP/139	2.70	.13						

### SPRING CLIP FOR UP. ASSEMBLY

### SCREW FOR LOW. ASSEMBLY

Pos. No.	Adj. Size mm.	Pos. No.	Thread Dia. mm.
SP/142	1.90	SP/120	.50
SP/143	2.10	SP/121	.60
SP/144	2.51		
SP/145	3.20		



## RUBY SHOCK (3 ARM)

### HOLE JEWEL UNSET

Upper and Lower

### CAP JEWEL WITH ATT. SPRING

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm	Th. mm	Pos. No.	Dia. mm	Th. mm
SP/150	1.00	.08	SP/146	1.35	.45	SP/147	1.35	.35
SP/151	1.00	.09						
SP/152	1.00	.10						
SP/153	1.00	.11						
SP/154	1.00	.12						



## RUBY SHOCK (2 ARM)

### HOLE JEWEL UNSET

Upper & Lower

### CAP JEWEL WITH ATT. SPRING

Upper (Thick .40)

Lower (Thick .28)

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Setting Dia.	Spring Dia.	Pos. No.	Setting Dia.	Spring Dia.
SP/155	.90	.08	SP/159	1.07	1.35	SP/160	1.07	1.25
SP/156	.90	.09						
SP/157	.90	.10						
SP/158	.90	.11						



# SHOCK PROTECTED PARTS



## NEUTRO-SHOCK

### SPRING

Upper & Lower

### CAP RETAINING RING

Upper & Lower

Pos. No.	Pos. No.
SP/161	SP/162

### HOLE JEWEL UNSET

Upper & Lower

### CAP JEWEL UNSET

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No	Dia. mm	Th. mm	Pos. No	Dia. mm	Th. mm
SP/150	1.00	.08	SP/163	1.00	.30	SP/164	1.00	.20
SP/151	1.00	.09						
SP/152	1.00	.10						
SP/153	1.00	.11						
SP/154	1.00	.12						



## MASTER-SHOCK

### SPRING

Upper & Lower

### CAP RETAINING RING

Upper & Lower

Pos. No.	Pos. No.
SP/165	SP/162

### HOLE JEWEL UNSET

Upper & Lower

### CAP JEWEL UNSET

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No	Dia. mm	Th. mm	Pos. No	Dia. mm	Th. mm
SP/150	1.00	.08	SP/163	1.00	.30	SP/164	1.00	.20
SP/151	1.00	.09						
SP/152	1.00	.10						
SP/153	1.00	.11						
SP/154	1.00	.12						



## RUBY NEUTRO SHOCK

### SPRING

Upper & Lower

### CAP RETAINING RING

Upper & Lower

Pos. No.	Pos. No.
SP/166	SP/162

### HOLE JEWEL UNSET

Upper & Lower

### CAP JEWEL UNSET

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No	Dia. mm	Th. mm	Pos. No	Dia. mm	Th. mm
SP/150	1.00	.08	SP/163	1.00	.30	SP/164	1.00	.20
SP/151	1.00	.09						
SP/152	1.00	.10						

Continued

# SHOCK PROTECTED PARTS



## RUBY NEUTRO SHOCK — Continued

HOLE JEWEL UNSET			CAP JEWEL UNSET		
Upper & Lower			Upper	Lower	
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm	Th. mm
SP/153	1.00	.11	SP/163	1.00	.30
SP/154	1.00	.12			



## RUBY NEUTRO SHOCK-PETIT

SPRING		CAP RETAINING RING	
Upper & Lower		Upper & Lower	
Pos. No.		Pos. No.	
SP/167		SP/168	

HOLE JEWEL UNSET			CAP JEWEL UNSET		
Upper & Lower			Upper	Lower	
Pos. No.	Dia. mm.	Hole mm.	Pos. No	Dia. mm	Th. mm
SP/155	.90	.08	SP/169	.90	.30
SP/156	.90	.09			
SP/157	.90	.10			
SP/158	.90	.11			
			SP/170	.90	.20



## BREITLING SHOCK

HOLE JEWEL UNSET			CAP JEWEL WITH ATT. SPRING	
Upper & Lower			Upper	Lower
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Pos. No.
SP/150	1.00	.08	SP/171	SP/172
SP/151	1.00	.09		
SP/152	1.00	.10		
SP/153	1.00	.11		
SP/154	1.00	.12		



## MEDA-FLEX

SPRING		CAP RETAINING RING	
Upper & Lower		Upper & Lower	
Pos. No.		Pos. No.	
SP/173		SP/162	

Continued

# SHOCK PROTECTED PARTS



## MEDA-FLEX — Continued

### HOLE JEWEL UNSET

Upper & Lower

### CAP JEWEL UNSET

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Th. mm.	Pos. No.	Dia. mm.	Th. mm.
SP/150	1.00	.08	SP/163	1.00	.30	SP/164	1.00	.20
SP/151	1.00	.09						
SP/152	1.00	.10						
SP/153	1.00	.11						
SP/154	1.00	.12						



## TRISHOC

### SPRING

Upper (Large)

Lower (Small)

Pos. No.	Pos. No.
SP/174	SP/175

### HOLE JEWEL IN SETTING

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Hole mm.
SP/176	1.27	.09	SP/178	1.05	.09
SP/177	1.27	.10	SP/179	1.05	.10

### CAP JEWEL UNSET

Upper

Lower

Pos. No.	Dia. mm.	Thick mm.	Pos. No.	Dia. mm.	Thick mm.
SP/163	1.00	.30	SP/170	.90	.20



## SHOCK STABIL

### SPRING

Upper & Lower

### SPRING RETAINING RING

Upper & Lower

Pos. No.	Pos. No.
SP/180 Reg. SP/181 Pocket	SP/182 Reg. SP/183 Pocket

### HOLE JEWEL IN SETTING

Upper & Lower

### CAP JEWEL UNSET

Upper

Lower

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Th. mm.	Pos. No.	Dia. mm.	Th. mm.
SP/184	1.20	.08	SP/188	1.08	.26	SP/189	1.08	.16
SP/185	1.20	.09						
SP/186	1.20	.10						
SP/187	1.20	.11						
SP/190	1.60	.12	SP/191	1.40	.36	SP/192	1.40	.21

# SHOCK PROTECTED PARTS



## ETERNA "E"

CAP JEWEL WITH ATT. SPRING		HOLE JEWEL IN SETTING		FOR MODELS
Upper	Lower	Upper (160/9)	Lower (140/9)	
Pos. No.	Pos. No.	Pos. No.	Pos. No.	833-834-905-1076-1077
SP/403	SP/404	SP/405	SP/406	
CAP JEWEL SCREW		HOLE JEWEL RING		
Upper	Lower	Upper	Lower	
Pos. No.	Pos. No.	Pos. No.	Pos. No.	
SP/407	SP/408	SP/409	SP/410	

CAP JEWEL WITH ATT. SPRING		HOLE JEWEL IN SETTING		FOR MODELS
Upper	Lower	Upper (160/7)	Lower (140/7)	
Pos. No.	Pos. No.	Pos. No.	Pos. No.	1033-1034
SP/411	SP/412	SP/413	SP/414	
SCREW FOR CAP JEWEL		HOLE JEWEL RING		
Upper	Lower	Upper	Lower	
Pos. No.	Pos. No.	Pos. No.	Pos. No.	
SP/415	SP/416	SP/417	SP/418	



## ETERNA "H"

CAP JEWEL WITH ATT. SPRING		HOLE JEWEL IN SETTING		FOR MODELS
Upper	Lower	Upper and Lower (170/9)		
Pos. No.	Pos. No.	Pos. No.		833-834 905 1076-1077
SP/419	SP/420	SP/421		
BASE PLATE				
Pos. No.				
SP/422				

CAP JEWEL WITH ATT. SPRING		HOLE JEWEL IN SETTING		FOR MODELS
Upper	Lower	Upper and Lower (170/7)		
Pos. No.	Pos. No.	Pos. No.		1031-1032 1033-1034
SP/423	SP/424	SP/425		
BASE PLATE				
Pos. No.				
SP/422				

Continued

# SHOCK PROTECTED PARTS

## ETERNA "H" - Continued

CAP JEWEL WITH ATT. SPRING

HOLE JEWEL IN SETTING

FOR MODELS

Upper	Lower	Upper and Lower (170/8)	}
Pos. No.	Pos. No.	Pos. No.	
SP/426	SP/427	SP/428	1078-1079
BASE PLATE			}
Pos. No.			
SP/422			

## ETERNA "L"

CAP JEWEL WITH ATT. SPRING

HOLE JEWEL IN SETTING

FOR MODELS

Upper	Lower	Upper (140/8)	Lower (120/8)	}
Pos. No.	Pos. No.	Pos. No.	Pos. No.	
SP/429	SP/430	SP/431	SP/432	616-675
SCREW FOR CAP JEWEL				}
Upper	Lower			
Pos. No.	Pos. No.			
SP/433	SP/434			

## ETERNA "T"

SPRING

Pos. No.	Dia. mm.
SP/435	1.70
SP/436	1.85

ALL OTHER PARTS  
SAME AS ETERNA "U"

## ETERNA "U" (Size Group 1)

SPRING

CAP JEWEL IN SETTING

FOR MODELS

Upper and Lower		Upper and Lower		}
Pos. No.	Dia. mm.	Pos. No.	Dia. mm.	
SP/437	1.65	SP/438	148/170	625-675
HOLE JEWEL IN COIL SPRING		SPRING CLIP (GIB)		}
Upper and Lower		Upper		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Width mm.
SP/439	1.70	.08	SP/440	2.15
SCREW FOR LOWER SETTING				
Pos. No.	Thread mm.			
SP/441	.58			1418

# SHOCK PROTECTED PARTS

## ETERNA "U" (Size Group 2)

SPRING Upper and Lower			CAP JEWEL IN SETTING Upper and Lower		FOR MODELS
Pos. No.	Dia. mm.		Pos. No.	Dia. mm.	
SP/442	1.80		SP/443	160/185	600-905-1078-1079 1237-1239-1243 1246-1247-1248- 1274-1275-1406 1407-1408-1409 1411-1412-1414 1416-1427-1428 1429
HOLE JEWEL IN COIL SPRING Upper and Lower			SPRING CLIP (GIB) Upper		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Width mm.	
SP/444	1.90	.09	SP/445	2.35	
SCREW FOR LOWER SETTING					
Pos. No.	Thread mm.				
SP/446	.50				

## ETERNA "U" (Size Group 2A)

HOLE JEWEL IN COIL SPRING Upper and Lower			FOR MODELS
Pos. No.	Dia. mm.	Hole mm.	
SP/447	1.90	.095	520- 1116-1117 1136-1137

ALL OTHER PARTS SEE SIZE GROUP 2



## EMO-ANTICHOC

SPRING – Available in Setting Only  
State Make, Model and Upper or Lower

HOLE JEWEL IN SETTING Upper and Lower			CAP JEWEL UNSET Upper		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/193	1.40	.08	SP/196	1.10	.33
SP/194	1.40	.09			
SP/195	1.40	.10			
			Lower		
			SP/163	1.10	.20

### SCREW FOR LOWER ASSEMBLY

Pos. No.	Thread Dia. mm.	Head Dia. mm.
SP/197	.60	.80

# SHOCK PROTECTED PARTS



## SPRINGS

## USED ON MODELS

Pos. No.	Upper	Lower
SP/202	{ 100, 260-1-5-6-7-8, 280-3-4-5, 320-1, 330-1-2-3, 340-1-2-3-4, 350-1-2-3-4-5, 361, 371-2, 410, 420, 470-1, 490-1, 500-1-2-3-4-5, 510-11, 520, 550-1-2, 560-1-2, 570-1, 590-1, 600, 610	{ 100, 260-1-5-6-7-8, 280-3-4-5, 302, 320-1, 330-1-2-3, 340-1-2-3, 344, 350-1-2-3-4-5, 361, 371-2, 410, 420, 470-1, 490-1, 500-1-2-3-4-5, 510-11, 520, 570-1
SP/203		480-1-2
SP/204		{ 244, 252, 550-1-2, 560-1-2, 600, 610
SP/205	{ 244, 252, 302, 480, 481, 482	590, 591
<b>Upper and Lower</b>		
SP/206	{ 245, 440, 483-4, 580, 620, 630, 640, 650, 660, 661, 670-1, 680-1	

## HOLE JEWEL IN SETTING

Pos. No.	Upper and Lower
SP/207	244, 252
SP/21	480, 481, 482
SP/24	{ 265-6-7-8, 283-4-5, 302, 320-1, 330-1-2-3, 340-1-2-3-4, 350-1-2-3-4-5, 361, 371-2, 381, 410, 420, 470-1, 490-1, 500-1-2-3-4-5, 510, 511, 520, 550-1-2, 560-1-2, 570-1, 590-1, 600, 610
SP/25	100, 260, 261, 280
SP/14	440, 580
SP/17	245, 483, 484
SP/208	640, 650, 660, 661
SP/209	620, 630, 670, 671, 680, 681
SP/210	170

## CAP JEWEL UNSET

Pos. No.	Upper	Lower
SP/22	{ 100, 244, 252, 260-1-5-6-7-8, 280-3-4-5, 302, 320, 361, 371-2, 381, 410, 420, 470-1, 480-1-2, 490-1, 500-1-2-3-4-5, 590-1	
SP/23	{ 330-1-2-3, 340-1-2-3-4, 350, 351-2-3-4-5, 510-11, 520, 550-1-2, 560-1-2, 570-1, 600, 610	{ 100, 244, 252, 260-1-5-6, 280-3, 302, 330-1-2, 340-1-2-3-4, 350-1-2-3-4-5, 361, 371-2, 410, 420, 470-1, 480-1-2, 490-1, 500-1-2-3-4-5, 510-11, 520, 551-2, 560-1-2, 570-1, 590-1, 600, 610

Continued

# SHOCK PROTECTED PARTS



## OMEGA INCABLOC —Continued

### CAP JEWEL UNSET USED ON MODELS

Pos. No.	Upper	Lower
SP/15	245, 440, 483-4, 580	
SP/16	{ 620, 630, 640, 650, 660-1, 670-1, 680-1	245, 440, 483-4, 580, 620, 630, 640, 650, 660-1, 670-1, 680-1
SP/28	170, 171	
SP/29		170, 171

### BOLT (GIB) FOR UPPER ASSEMBLY

Pos. No.	USED ON MODELS
SP/11	{ 100, 244, 252, 260-1-5-6-7-8, 280-3-4-5, 302, 320-1, 330-1-2-3, 340-1-2-3-4-5, 350-1-2-3-4-5, 361, 371-2, 381, 410, 420, 470-1, 480-1-2, 490-1, 500-1-2-3-4-5, 510-11, 520, 550-1-2, 560-1-2, 570-1, 590-1, 600, 610
SP/12	245, 440, 483-4, 580, 620, 630, 661, 670-1, 680-1
SP/13	170, 171



## OMEGA KIF FLECTOR

### SPRING WITH BOW

Pos. No.	Upper and Lower	
SP/53		
HOLE JEWEL IN SETTING		
Pos. No.	}	
SP/38		
CAP JEWEL UNSET		
Pos. No.		
SP/50	MODELS 213, 450, 455, 670	



## OMEGA NOVOCHOC

SPRING		HOLE JEWEL		CAP JEWEL		MODELS
Upper & Lower		Upper & Lower		Upper	Lower	
Pos. No.		Pos. No.		Pos. No.	Pos. No.	
SP/211		SP/212		SP/213	SP/214	269, 286



# SHOCK PROTECTED PARTS



**ANTICHOC MT**

**SPRING**

Upper and Lower

**CAP RETAINING RING**

Upper and Lower

SPRING			CAP RETAINING RING		
Pos. No.	Upper and Lower		Pos. No.	Upper and Lower	
SP/215			SP/216		
HOLE JEWEL UNSET			CAP JEWEL UNSET		
Upper and Lower			Upper and Lower		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/217	1.10	.08	SP/220	1.20	.20
SP/218	1.10	.09			
SP/219	1.10	.10			



**ANTICHOC SUPER MT**

**SPRING**

Upper and Lower

**BOLT (GIB)**

For Upper Assembly

SPRING			BOLT (GIB)		
Pos. No.	Upper and Lower		Pos. No.	For Upper Assembly	
SP/221			SP/222		
HOLE JEWEL UNSET			CAP JEWEL IN SETTING		
Upper and Lower			Upper and Lower		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/217	1.10	.08	SP/223	1.20	.28
SP/218	1.10	.09			
SP/219	1.10	.10			



**MICROFLEX**

**SPRING**

Upper and Lower

**CAP RETAINING RING**

Upper and Lower

SPRING			CAP RETAINING RING		
Pos. No.	Upper and Lower		Pos. No.	Upper and Lower	
SP/224			SP/216		
HOLE JEWEL UNSET			CAP JEWEL UNSET		
Upper and Lower			Upper and Lower		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/217	1.10	.08	SP/225	1.20	.23
SP/218	1.10	.09			
SP/219	1.10	.10			

# SHOCK PROTECTED PARTS

## ANTICHOC 102

SPRING Upper and Lower			SPRING RETAINING RING Upper and Lower		
Pos. No.			Pos. No.		
SP/226			SP/227		
HOLE JEWEL IN SETTING Upper and Lower			UPPER CAP JEWEL UNSET		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/228	1.30	.08	SP/232	1.15	.30
SP/229	1.30	.09	LOWER CAP JEWEL UNSET		
SP/230	1.30	.10	Pos. No.	Dia. mm.	Thick mm.
SP/231	1.30	.11	SP/233	1.15	.18
SP/449	1.60	.12			
BOLT (GIB) FOR UPPER ASSEMBLY			SCREW FOR LOWER ASSEMBLY		
Pos. No.			Pos. No.	Thread mm.	
SP/234			SP/235	.50	
			SP/245	.60	

## ANTICHOC 51

SPRING – Upper			SPRING – Lower		
Pos. No.			Pos. No.		
SP/236 (Long)			SP/238		
SP/237 (Short)					
HOLE JEWEL IN SETTING Upper			CAP JEWEL UNSET Upper		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/239	1.62	.10	SP/240	1.30	.40
Lower			Lower		
Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Thick mm.
SP/241	1.62	.10	SP/242	1.30	.20
BOLT (GIB) FOR UPPER ASSEMBLY			SCREW FOR LOWER SPRING		
Pos. No.			Pos. No.		
SP/243			SP/244		

# SHOCK PROTECTED PARTS



## HOLE JEWEL IN SETTING

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/246	1.48	.09
SP/247	1.48	.10
SP/248	1.48	.11

## CAP JEWEL WITH ATT. SPRING

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/249	1.50	.30
SP/250	1.50	.20
SP/251	1.70	.20



## UNISAFE

SPRING

Upper and Lower

Pos. No.
SP/252

CAP JEWEL UNSET

Upper and Lower

Pos. No.
SP/253

## HOLE JEWEL IN SETTING

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Hole mm.
SP/254	1.10	.08	SP/256	1.10	.10
SP/255	1.10	.09	SP/257	1.10	.11



## DUROSING

SPRING

Pos. No.		FOR MODELS
SP/258	Upper and Lower	420-1-2, 440-1-3-5-6, 450, 460, 540-2, 570-6, 580-5-6, 590, 600, 605, 610, 615, 632, 635, 1032-5, 1132, 1162, 1172, 1258, 1260-5-6-8, 1278, 1285
SP/258	Upper Only	425, 430, 562, 1055
SP/259	Upper Only	56, 58, 59, 60, 61, 69, 70-1-2, 89, 260-1, 270, 322, 332-5, 753
SP/260	Lower Only	56, 58, 59, 60, 61, 69, 260, 270, 322, 332-5, 425, 430, 562, 753, 1055
SP/261	Lower Only	70-1-2, 89, 261

Continued

# SHOCK PROTECTED PARTS



## DUROSWING — Continued

### HOLE JEWEL IN SETTING

Pos. No.		FOR MODELS
SP/262	Upper and Lower	420-1-2, 1032-5, 1132, 1162, 1172, 1258, 1260-65-6-8, 1278, 1285, 1290
SP/262	Upper Only	425, 430, 562, 1055
SP/263	Upper and Lower	56-8-9, 60-1-9, 70-1-2, 89, 260-1, 270, 322, 332, 335, 753
SB/263	Lower Only	425, 430, 562, 1055

### CAP JEWEL UNSET

Pos. No.		FOR MODELS
SP/264	Upper and Lower	420-1-2, 440-1-3-5-6, 450, 460, 540-2, 570, 576, 580-5-6, 590, 600-5, 610, 615, 632-5, 1032-5, 1132, 1162, 1172, 1258, 1260, 1265-6-8, 1278, 1285, 1290
SP/264	Upper Only	425, 430, 562, 1055
SP/265	Upper and Lower	70-1-2, 89, 261
SP/265	Upper Only	56-8-9, 60-1-9, 260, 270, 322, 332-5, 753
SP/266	Lower Only	56-8-9, 60-1-9, 260, 270, 322, 332, 335, 425, 430, 562, 753, 1055



## DUROBLOC

### SPRING

Pos. No.

SP/267

HOLE AND CAP JEWEL See Durowoswing



## JUNGHANS

### SPRING Upper and Lower

Pos. No.	Movement Size
SP/268	6 $\frac{3}{4}$ L X 8L
SP/269	10 $\frac{1}{2}$ L — 14L
SP/270	18 $\frac{1}{2}$ L — 19L

Continued

SPP 19

# SHOCK PROTECTED PARTS



**JUNGHANS — Continued**



Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/271	1.50	.08
SP/272	1.70	.08
SP/273	1.70	.09
SP/274	1.70	.10



Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/63	1.09	.20
SP/275	1.65	.28



**BIDLINGMAIER**

SPRING

Upper and Lower

Pos. No.

SP/276

HOLE JEWEL IN SETTING

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/277	1.30	.09
SP/278	1.47	.10

CAP JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/163	1.09	.20



**CONTRACHOC**

SPRING

Upper and Lower

Pos. No.

SP/279

HOLE JEWEL UNSET

Upper and Lower

Pos. No.

SP/281

SEAT FOR HOLE JEWEL

Upper and Lower

Pos. No.

SP/280

CAP JEWEL UNSET

Upper and Lower

Pos. No.

SP/282



**FARR**

SPRING

Upper and Lower

Pos. No.

SP/283

Continued

# SHOCK PROTECTED PARTS



## FARR — Continued

### HOLE JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/284	.80	.09

### CAP JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/285	.91	.26



## RUFAREX

### SPRING

Upper and Lower

Pos. No.	Mov't Size
SP/286	5¼L
SP/287	10½L

### CAP JEWEL IN SETTING

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.	Mov't Size
SP/288			5¼L
SP/289	1.18	.37	10½L

### HOLE JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.	Size
SP/290			5¼L
SP/291	1.00	.10	10½L



## ULTRABLOC

### SPRING

Upper and Lower

Pos. No.	For Opening
SP/292	1.64 mm.
SP/293	1.98 mm.

### HOLE JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/294	.90	.10

### CAP JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/295	1.00	.25



## UWERSI-VUFE

### SPRING

Upper and Lower

Pos. No.
SP/293

### JEWEL SPACING RING

Upper and Lower

Pos. No.
SP/296

Continued

# SHOCK PROTECTED PARTS



## UWERSI-VUFE — Continued



HOLE JEWEL UNSET  
Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/294	.90	.10



CAP JEWEL UNSET  
Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/295	1.00	.25



## KIENZLE

SPRING

Upper and Lower

Pos. No.
SP/297

CAP JEWEL UNSET

Upper and Lower

Pos. No.
SP/295

HOLE JEWEL UNSET

Upper and Lower

Pos. No.
SP/294



## DIASHOCK

SPRING

Upper and Lower

Pos. No.	FOR CALIBER
SP/298	18A, 18M, 2501A & B, 2505A LADIES — Except Above Listing GENTS — All Calibers
SP/299	
SP/300	

HOLE JEWEL  
IN SETTING

Upper & Lower

CAP JEWEL  
UNSET

Upper

Lower

FOR CALIBERS

Pos. No.	Pos. No.	Pos. No.	FOR CALIBERS
SP/301	SP/302	SP/302	18A, 18M, 2501A & B, 2505A,
SP/303	SP/304	SP/164	{ 10A-B-M, 15A, 19A, 21A-B-C, 1004A-B-M, 1520A, 1920A, 2102A- B, 2104A, 2107A, 2119A
SP/305	SP/306	SP/306	{ 290, 341, 430, 560, 3180, 5717A, 5719A, 5722A, 5740A
SP/307	SP/306	SP/306	54A, 820, 4420A
SP/307	SP/52	SP/52	{ 60M, 394, 395, 400, 402, 603, 956, 3140, 6201B, 6205B, 6206A, 6217A 6220B-C-M, 6222A-B-C
SP/307	SP/306	SP/52	460-6218M

# SHOCK PROTECTED PARTS



## POLJOT 2410

### SPRING

Upper and Lower

Pos. No.

SP/308

### HOLE JEWEL IN SETTING

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/309	1.40	.10

### CAP JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/22	1.20	.25



## RAKETA 2601

### SPRING

Upper and Lower

Pos. No.

SP/1

### HOLE JEWEL IN SETTING

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/309	1.40	.10

### CAP JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/22	1.20	.25



## SLAVA 1601

### SPRING

Upper and Lower

Pos. No.

SP/310

### HOLE JEWEL IN SETTING

Upper and Lower

Pos. No.	Dia. mm.	Hole mm.
SP/311	1.25	.08

### CAP JEWEL UNSET

Upper and Lower

Pos. No.	Dia. mm.	Thick mm.
SP/295	1.00	.25



# JEWEL DEVICE for TRAIN and ESCAPEMENT



## DUOFIX (FOR TRAIN AND ESCAPE WHEEL)

SPRING		CAP JEWEL UNSET		
Pos. No.	For Setting Dia. mm.	Pos. No.	Dia. mm.	Thick mm.
SP/312	1.60	SP/50	.89	.20
SP/313	1.90 & 2.10	SP/63	1.09	.20
SP/314	2.30	SP/315	1.40	.23

### HOLE JEWEL IN SETTING COMPLETE WITH CAP JEWEL AND SPRING

Pos. No.	Dia. mm.	Hole mm.	Pos. No.	Dia. mm.	Hole mm.
SP/316	1.60	.10	SP/320	1.90	.17
SP/317	1.60	.12	SP/321	2.10	.12
SP/318	1.60	.13	SP/448	2.30	.09
SP/319	1.90	.12			

Additional Sizes Available on Request. State Diameter and Hole Size in mm.



## FIXMOBIL (FOR PIN LEVER)

### STEEL CAP AND BUSHING

Use Duofix for Replacement Parts



## GIROCAP (FOR TRAIN AND ESCAPE WHEEL)

### CAP JEWEL IN LOCK SPRING SETTING

Pos. No.	For Setting Dia. mm.
SP/322	1.60
SP/323	1.90 & 2.10
SP/324	2.30

### HOLE JEWEL IN SETTING COMPLETE W/CAP JEWEL AND LOCK SPRING

Dia. 1.60 mm.		Dia. 1.90 mm.		Dia. 2.10 mm.		Dia. 2.30 mm.	
Pos. No.	Hole mm.	Pos. No.	Hole mm.	Pos. No.	Hole mm.	Pos. No.	Hole mm.
SP/325	.07	SP/333	.10	SP/340	.11	SP/343	.12
SP/326	.08	SP/334	.12	SP/341	.13	SP/344	.15
SP/327	.10	SP/335	.13	SP/342	.17	SP/345	.18
SP/328	.11	SP/336	.15				
SP/329	.12	SP/337	.17				
SP/330	.13	SP/338	.19				
SP/331	.15	SP/339	.31				
SP/332	.31						

# JEWEL DEVICE for TRAIN and ESCAPEMENT



**LUBRIFIX** (FOR TRAIN AND ESCAPE WHEEL)

SPRING NOT AVAILABLE SEPARATELY

CAP JEWEL (TRIANGULAR SHAPE)

Pos. No.	For Setting Dia. mm.
SP/346	1.60
SP/347	1.90
SP/348	2.10

HOLE JEWEL IN SETTING COMPLETE W/CAP JEWEL & SPRING

Diameter 1.60 mm.		Diameter 1.90 mm.		Diameter 2.10 mm.	
Pos. No.	Hole mm.	Pos. No.	Hole mm.	Pos. No.	Hole mm.
SP/349	.11	SP/358	.11	SP/367	.11
SP/350	.12	SP/359	.12	SP/368	.12
SP/351	.13	SP/360	.13	SP/369	.13
SP/352	.14	SP/361	.14	SP/370	.14
SP/353	.15	SP/362	.15	SP/371	.15
SP/354	.16	SP/363	.16	SP/372	.16
SP/355	.17	SP/364	.17	SP/373	.17
SP/356	.18	SP/365	.18	SP/374	.18
SP/357	.19	SP/366	.19	SP/375	.19



**DIAFIX — LADIES** (FOR TRAIN AND ESCAPE WHEEL)

SPRING

CAP JEWEL

Pos. No.	Pos. No.	Dia. mm.	Thick mm.
SP/376	SP/164	1.00	.20

HOLE JEWEL IN SETTING

Diameter 1.60 mm.

Pos. No.	Hole mm.	Pos. No.	Hole mm.
SP/377	.10	SP/380	.13
SP/378	.11	SP/381	.14
SP/379	.12		



**DIAFIX — GENTS** (FOR TRAIN AND ESCAPE WHEEL)

SPRING

CAP JEWEL

Pos. No.	Pos. No.	Dia. mm.	Thick mm.
SP/382	SP/63	1.09	.20

Continued

# JEWEL DEVICE for TRAIN and ESCAPEMENT



**DIAFIX — GENTS**

(FOR TRAIN AND ESCAPE WHEEL) — *Continued*

## HOLE JEWEL IN SETTING

Pos. No.	Dia. mm.	Hole mm.
SP/383	2.00	.11
SP/384	2.00	.12

For Other Sizes — State Caliber or Name and Wheel Used



**DUOBIL (FOR TRAIN AND ESCAPE WHEEL)**

### SPRING

### CAP JEWEL

Pos. No.	For Setting Dia. mm.	Pos. No.	Dia. mm.	Thick mm.
SP/385	1.30	SP/389	.80	.10
SP/386	1.60	SP/390	.90	.12
SP/387	1.90 & 2.10	SP/391	1.10	.12
SP/388	2.30	SP/392	1.40	.15

## HOLE JEWEL IN SETTING

Diameter 1.30 mm.		Diameter 1.60 mm.		Diameter 1.90 mm.	
Pos. No.	Hole mm.	Pos. No.	Hole mm.	Pos. No.	Hole mm.
SP/393	.10	SP/395	.10	SP/398	.12
SP/394	.12	SP/396	.12	SP/399	.17
		SP/397	.13		

Diameter 2.10 mm.		Diameter 2.30 mm.	
Pos. No.	Hole mm.	Pos. No.	Hole mm.
SP/400	.12	SP/402	
SP/401	.17		

Additional Sizes Available — State Diameter & Hole Size in mm.

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

## ELGIN — SUPPLEMENT

### Additions and/or Corrections

OLD Marshall Stock No.	NEW Marshall Stock No.	Size	Description — Grade — Model
------------------------------	------------------------------	------	-----------------------------

#### ARBORS, BARREL — PAGE AM 1

ELG905X1 20/0 905-906-907

#### ARBORS, WINDING (STEM) — PAGE AM 2

ELG905X3 20/0 905-906-907

#### BALANCES, COMPLETE — PAGE AM 3

E466H ELG905X5 20/0 905  
E466E ELG906X5 20/0 906-907

#### SCREWS, RATCHET WHEELS — PAGE AM 24

E7628 ELG905X228 20/0 905-906-907

#### WHEELS, CENTER & PINION — PAGE AM 29

E9881A ELG905X281 20/0 905-906-907

## ELGIN IMPORT MODELS — SUPPLEMENT

### Additions and/or Corrections

Elgin Grade Number	OLD Marshall Stock No.	NEW Marshall Stock No.	Description	Page Number
799	194	800D	Staff	AM 37
823	219A	3278 ° Inca.	Staff	AM 37
824	219A	3278 ° Inca.	Staff	AM 37
876		1311	Staff	AM 37
876		1081L	Stem	AM 37
916		1506L	Stem	AM 38
920		3262 Inca.	Staff	AM 38
920		82	Roller	AM 38
923		1669 Inca	Staff	AM 38
923		40	Roller	AM 38
924		3262 Inca.	Staff	AM 38
924		82	Roller	AM 38
925		3240	Staff	AM 38
925		1624L	Stem	AM 38
933		1649	Staff	AM 38

° FOR SCREWLESS BALANCE

AM 1 Supp

PLEASE ORDER BY  
MARSHALL STOCK NUMBER

# HAMILTON — SUPPLEMENT

## ADDITIONS

MARSHALL STOCK NO.	SIZE	DESCRIPTION—GRADE—MODEL	FACTORY NO.
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### WHEELS, TRANSMISSION

H11301	12½L	663-668-691 .....	198750
H11302	12½L	666 .....	198751
H11300	11½L	658-661-662-664-665-667-690 .....	198780
H11299	11½L	672 .....	198781
H11298	11½L	677-679-689-692-694 .....	198782