

Introduction

Our stock of standardized compression springs is specially suited for engineering designs, maintenance and mechanical experiments.

Material

Music wire: EN 10270-1 DH or ASTM A228 or JIS G3522 SWP-A/B or DIN 17223 Class D.
Stainless steel: EN 10270-3 1.4310 or Type 302 per ASTM A313 or JIS G4314 SUS 302/304 or DIN 17224 1.4310.

Tolerances of wire diameters comply with DIN 2076.

Stress Relief

All springs are thermally treated to relieve coiling stress.

Operating Temperature

Music wire springs are not recommended for applications where temperature exceeds 120°C. Stainless steel springs are not recommended for applications where temperature exceeds 260°C.

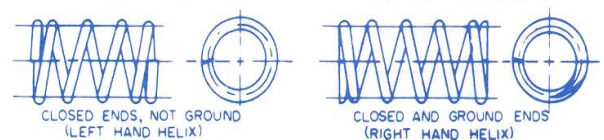
For temperatures beyond these boundaries, a different material must be selected.

End Coils

Closed and Right Hand Coil (Clockwise).

Springs with Outside Diameter of 3.05mm and above are grounded.

Springs with Outside Diameter less than 3.05mm are not grounded.



Surface Finish

Springs manufactured from music wire are slightly lubricated following thermal treatment. Springs manufactured from stainless steel wire are passivated.

Springs can be delivered with any additional standard surface protection for an extra charge (i.e. zinc coatings, nickel-plated, phosphate, black oxide etc.)



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-012020-1			2.00	4.913	2.063	1.58	1.25			0.079	28.054	0.464	0.062	0.049
SSC-012020-2			2.70	3.119	2.059	2.04	1.62			0.106	17.810	0.463	0.080	0.064
SSC-012020-3	1.20	0.20	3.90	2.029	2.070	2.88	2.17	0.047	0.008	0.154	11.586	0.466	0.113	0.085
SSC-012020-4			5.50	1.383	2.088	3.99	2.90			0.217	7.898	0.470	0.157	0.114
SSC-012020-5			7.80	0.922	2.093	5.53	4.05			0.307	5.265	0.471	0.218	0.160
SSC-014020-1			2.30	2.834	1.814	1.66	1.25			0.091	16.183	0.408	0.065	0.049
SSC-014020-2			3.20	1.814	1.814	2.20	1.62			0.126	10.359	0.408	0.087	0.064
SSC-014020-3	1.40	0.20	4.60	1.157	1.816	3.03	2.19	0.055	0.008	0.181	6.607	0.409	0.119	0.086
SSC-014020-4			6.50	0.804	1.825	4.23	2.90			0.256	4.591	0.411	0.167	0.114
SSC-014020-5			9.30	0.539	1.816	5.93	4.01			0.366	3.078	0.409	0.233	0.158
SSC-006A-1			3.18	0.665	0.758	2.04	1.05			0.125	3.798	0.171	0.080	0.041
SSC-006A-2			4.76	0.420	0.756	2.96	1.35			0.188	2.399	0.170	0.117	0.053
SSC-006A-3			6.35	0.315	0.759	3.94	1.70			0.250	1.799	0.171	0.155	0.067
SSC-006A-4			7.94	0.245	0.760	4.84	2.05			0.313	1.399	0.171	0.191	0.081
SSC-006A-5	1.45	0.15	9.52	0.193	0.760	5.58	2.45	0.057	0.006	0.375	1.103	0.171	0.220	0.096
SSC-006A-6			11.11	0.175	0.760	6.77	2.75			0.438	1.000	0.171	0.267	0.108
SSC-006A-7			12.70	0.158	0.762	7.88	3.05			0.500	0.903	0.172	0.310	0.120
SSC-006A-8			14.29	0.123	0.763	8.09	3.90			0.563	0.703	0.172	0.319	0.154
SSC-006A-9			15.88	0.105	0.759	8.65	4.40			0.625	0.600	0.171	0.341	0.173
SSC-007A-1			3.18	1.208	1.244	2.15	1.30			0.125	6.898	0.280	0.085	0.051
SSC-007A-2			4.76	0.716	1.246	3.02	1.80			0.188	4.089	0.281	0.119	0.071
SSC-007A-3			6.35	0.524	1.247	3.97	2.30			0.250	2.993	0.281	0.156	0.091
SSC-007A-4			7.94	0.421	1.250	4.97	2.65			0.313	2.404	0.282	0.196	0.104
SSC-007A-5	1.45	0.18	9.52	0.366	1.244	6.12	3.00	0.057	0.007	0.375	2.090	0.280	0.241	0.118
SSC-007A-6			11.11	0.296	1.243	6.91	3.55			0.438	1.691	0.280	0.272	0.140
SSC-007A-7			12.70	0.264	1.257	7.94	4.00			0.500	1.508	0.283	0.313	0.157
SSC-007A-8			14.29	0.226	1.241	8.80	4.40			0.563	1.291	0.279	0.346	0.173
SSC-007A-9			15.88	0.194	1.259	9.39	5.05			0.625	1.108	0.284	0.370	0.199
SSC-008A-1			3.18	2.030	1.827	2.28	1.50			0.125	11.592	0.411	0.090	0.059
SSC-008A-2			4.76	1.333	1.840	3.38	2.05			0.188	7.612	0.414	0.133	0.081
SSC-008A-3			6.35	0.911	1.840	4.33	2.65			0.250	5.202	0.414	0.170	0.104
SSC-008A-4			7.94	0.697	1.833	5.31	3.25			0.313	3.980	0.413	0.209	0.128
SSC-008A-5	1.45	0.20	9.52	0.598	1.848	6.43	3.75	0.057	0.008	0.375	3.415	0.416	0.253	0.148
SSC-008A-6			11.11	0.490	1.838	7.36	4.35			0.438	2.798	0.414	0.290	0.171
SSC-008A-7			12.70	0.421	1.844	8.32	5.00			0.500	2.404	0.415	0.328	0.197
SSC-008A-8			14.29	0.383	1.831	9.51	5.35			0.563	2.187	0.412	0.374	0.211
SSC-008A-9			15.88	0.353	1.857	10.62	6.15			0.625	2.016	0.418	0.418	0.242
SSC-015025-1			2.40	6.953	3.268	1.93	1.56			0.094	39.703	0.735	0.076	0.061
SSC-015025-2			3.30	4.423	3.273	2.56	2.02			0.130	25.256	0.736	0.101	0.080
SSC-015025-3	1.45	0.25	4.70	2.864	3.265	3.56	2.71	0.057	0.010	0.185	16.354	0.734	0.140	0.107
SSC-015025-4			6.60	1.942	3.282	4.91	3.64			0.260	11.090	0.738	0.193	0.143
SSC-015025-5			9.40	1.324	3.284	6.92	5.00			0.370	7.561	0.739	0.272	0.197
SSC-015025-6			12.70	0.981	3.286	9.35	6.47			0.500	5.602	0.739	0.368	0.255

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

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	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-018020-1			3.00	1.196	1.435	1.80	1.25			0.118	6.830	0.323	0.071	0.049
SSC-018020-2			4.40	0.774	1.447	2.53	1.61			0.173	4.420	0.326	0.100	0.063
SSC-018020-3	1.80	0.20	6.40	0.489	1.438	3.46	2.18	0.071	0.008	0.252	2.793	0.324	0.136	0.086
SSC-018020-4			9.20	0.343	1.458	4.95	2.88			0.362	1.959	0.328	0.195	0.113
SSC-018020-5			13.30	0.226	1.419	7.02	3.97			0.524	1.291	0.320	0.276	0.156
SSC-019025-1			3.00	2.932	2.639	2.10	1.56			0.118	16.743	0.594	0.083	0.061
SSC-019025-2			4.30	1.863	2.645	2.88	2.02			0.169	10.639	0.595	0.113	0.080
SSC-019025-3			6.20	1.196	2.631	4.00	2.72			0.244	6.830	0.592	0.157	0.107
SSC-019025-4	1.85	0.25	8.70	0.833	2.649	5.52	3.60	0.073	0.010	0.343	4.757	0.596	0.217	0.142
SSC-019025-5			12.50	0.549	2.635	7.70	5.06			0.492	3.135	0.593	0.303	0.199
SSC-019025-6			14.30	0.490	2.643	8.91	5.58			0.563	2.800	0.595	0.351	0.220
SSC-019025-7			15.90	0.422	2.644	9.63	6.37			0.626	2.408	0.595	0.379	0.251
SSC-019032-1			3.10	7.855	5.027	2.46	2.00			0.122	44.854	1.131	0.097	0.079
SSC-019032-2			4.40	5.001	5.101	3.38	2.59			0.173	28.557	1.147	0.133	0.102
SSC-019032-3	1.92	0.32	6.30	3.236	5.081	4.73	3.47	0.076	0.013	0.248	18.479	1.143	0.186	0.137
SSC-019032-4			8.70	2.197	5.097	6.38	4.66			0.343	12.546	1.146	0.251	0.183
SSC-019032-5			12.50	1.491	5.099	9.08	6.42			0.492	8.514	1.147	0.357	0.253
SSC-020020-1			2.80	0.798	1.037	1.50	1.30			0.110	4.557	0.234	0.059	0.051
SSC-020020-2			4.40	0.510	1.311	1.83	1.70			0.173	2.913	0.295	0.072	0.067
SSC-020020-3	2.00	0.20	6.80	0.333	1.322	2.83	2.30	0.079	0.008	0.268	1.902	0.298	0.111	0.091
SSC-020020-4			10.00	0.226	1.320	4.16	3.10			0.394	1.291	0.297	0.164	0.122
SSC-020020-5			14.80	0.150	1.299	6.14	4.30			0.583	0.857	0.293	0.242	0.169
SSC-020025-1			3.20	2.121	2.460	2.04	1.63			0.126	12.112	0.554	0.080	0.064
SSC-020025-2			4.90	1.349	2.455	3.08	2.13			0.193	7.703	0.552	0.121	0.084
SSC-020025-3	2.00	0.25	7.20	0.873	2.453	4.39	2.88	0.079	0.010	0.283	4.985	0.552	0.173	0.113
SSC-020025-4			10.30	0.595	2.463	6.16	3.88			0.406	3.398	0.554	0.243	0.153
SSC-020025-5			15.00	0.402	2.468	8.86	5.38			0.591	2.296	0.555	0.349	0.212
SSC-022020-1			4.00	0.609	1.194	2.04	1.25			0.157	3.478	0.269	0.080	0.049
SSC-022020-2			5.90	0.382	1.199	2.76	1.65			0.232	2.182	0.270	0.109	0.065
SSC-022020-3	2.20	0.20	8.70	0.249	1.190	3.92	2.19	0.087	0.008	0.343	1.422	0.268	0.154	0.086
SSC-022020-4			12.60	0.179	1.189	5.96	2.81			0.496	1.023	0.268	0.235	0.111
SSC-022020-5			18.30	0.119	1.185	8.34	3.91			0.720	0.680	0.267	0.328	0.154
SSC-008B-1			3.18	0.963	1.223	1.91	1.05			0.125	5.499	0.275	0.075	0.041
SSC-008B-2			4.76	0.612	1.224	2.76	1.30			0.188	3.495	0.276	0.109	0.051
SSC-008B-3			6.35	0.420	1.226	3.43	1.60			0.250	2.399	0.276	0.135	0.063
SSC-008B-4			7.94	0.350	1.225	4.44	1.85			0.313	1.999	0.276	0.175	0.073
SSC-008B-5	2.24	0.20	9.52	0.245	1.225	4.52	2.35	0.088	0.008	0.375	1.399	0.276	0.178	0.093
SSC-008B-6			11.11	0.228	1.229	5.72	2.45			0.438	1.302	0.277	0.225	0.096
SSC-008B-7			12.70	0.193	1.229	6.33	2.80			0.500	1.103	0.277	0.249	0.110
SSC-008B-8			14.29	0.175	1.227	7.28	3.05			0.563	1.000	0.276	0.287	0.120
SSC-008B-9			15.88	0.158	1.231	8.09	3.30			0.625	0.903	0.277	0.319	0.130

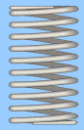
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MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-010B-1			3.18	2.224	2.313	2.14	1.40			0.125	12.700	0.520	0.084	0.055
SSC-010B-2			4.76	1.226	2.317	2.87	1.90			0.188	7.001	0.521	0.113	0.075
SSC-010B-3			6.35	0.911	2.314	3.81	2.30			0.250	5.202	0.521	0.150	0.091
SSC-010B-4			7.94	0.701	2.320	4.63	2.75			0.313	4.003	0.522	0.182	0.108
SSC-010B-5			9.52	0.577	2.314	5.51	3.20			0.375	3.295	0.521	0.217	0.126
SSC-010B-6	2.24	0.25	11.11	0.508	2.322	6.54	3.50	0.088	0.010	0.438	2.901	0.522	0.257	0.138
SSC-010B-7			12.70	0.438	2.321	7.40	3.95			0.500	2.502	0.522	0.291	0.156
SSC-010B-8			14.29	0.385	2.318	8.27	4.35			0.563	2.199	0.522	0.326	0.171
SSC-010B-9			15.88	0.315	2.318	8.52	5.20			0.625	1.799	0.522	0.335	0.205
SSC-010B-10			17.46	0.298	2.321	9.67	5.75			0.688	1.702	0.522	0.381	0.226
SSC-010B-11			19.05	0.280	2.318	10.77	6.05			0.750	1.599	0.522	0.424	0.238
SSC-012B-1			3.18	4.553	3.825	2.34	1.75			0.125	25.999	0.860	0.092	0.069
SSC-012B-2			4.76	2.626	3.860	3.29	2.35			0.188	14.995	0.868	0.130	0.093
SSC-012B-3			6.35	1.926	3.852	4.35	2.90			0.250	10.998	0.866	0.171	0.114
SSC-012B-4			7.94	1.489	3.857	5.35	3.50			0.313	8.503	0.867	0.211	0.138
SSC-012B-5			9.52	1.172	3.856	6.23	4.10			0.375	6.693	0.867	0.245	0.161
SSC-012B-6	2.24	0.30	11.11	1.015	3.857	7.31	4.65	0.088	0.012	0.438	5.796	0.868	0.288	0.183
SSC-012B-7			12.70	0.876	3.863	8.29	5.20			0.500	5.003	0.869	0.326	0.205
SSC-012B-8			14.29	0.787	3.856	9.39	5.75			0.563	4.494	0.867	0.370	0.226
SSC-012B-9			15.88	0.684	3.865	10.23	6.35			0.625	3.906	0.869	0.403	0.250
SSC-012B-10			19.05	0.552	3.864	12.05	8.00			0.750	3.153	0.869	0.474	0.315
SSC-023025-1			3.70	1.501	2.206	2.23	1.56			0.146	8.571	0.497	0.088	0.061
SSC-023025-2			5.50	0.951	2.206	3.18	2.03			0.217	5.431	0.497	0.125	0.080
SSC-023025-3	2.25	0.25	8.00	0.609	2.198	4.39	2.74	0.089	0.010	0.315	3.478	0.495	0.173	0.108
SSC-023025-4			11.40	0.421	2.210	6.15	3.64			0.449	2.404	0.497	0.242	0.143
SSC-023025-5			16.60	0.291	2.215	8.99	4.93			0.654	1.662	0.498	0.354	0.194
SSC-023032-1			3.70	4.021	4.302	2.63	2.00			0.146	22.961	0.968	0.104	0.079
SSC-023032-2			5.30	2.569	4.290	3.63	2.58			0.209	14.670	0.965	0.143	0.102
SSC-023032-3	2.32	0.32	7.70	1.658	4.294	5.11	3.47	0.091	0.013	0.303	9.468	0.966	0.201	0.137
SSC-023032-4			10.90	1.129	4.301	7.09	4.65			0.429	6.447	0.968	0.279	0.183
SSC-023032-5			15.60	0.771	4.318	10.00	6.37			0.614	4.403	0.971	0.394	0.251
SSC-024040-1			3.50	9.309	7.913	2.65	2.57			0.138	53.156	1.779	0.104	0.101
SSC-024040-2			5.00	5.881	7.939	3.65	3.36			0.197	33.582	1.785	0.144	0.132
SSC-024040-3	2.40	0.40	7.00	3.832	7.971	4.92	4.52	0.094	0.016	0.276	21.882	1.792	0.194	0.178
SSC-024040-4			10.00	2.609	7.957	6.95	6.07			0.394	14.898	1.789	0.274	0.239
SSC-024040-5			14.00	1.758	7.964	9.47	8.42			0.551	10.039	1.791	0.373	0.332
SSC-025020-1			5.00	0.334	1.052	1.85	1.38			0.197	1.908	0.237	0.073	0.054
SSC-025020-2			8.00	0.204	1.063	2.79	1.90			0.315	1.165	0.239	0.110	0.075
SSC-025020-3	2.50	0.20	10.00	0.157	1.050	3.31	2.30	0.098	0.008	0.394	0.897	0.237	0.130	0.091
SSC-025020-4			15.00	0.108	1.068	5.11	3.10			0.591	0.617	0.241	0.201	0.122
SSC-025020-5			20.00	0.080	1.045	6.94	3.90			0.787	0.457	0.235	0.273	0.154

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	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-025025-1			5.00	0.698	1.989	2.15	2.00			0.197	3.986	0.448	0.085	0.079
SSC-025025-2			8.00	0.438	2.002	3.43	2.75			0.315	2.502	0.450	0.135	0.108
SSC-025025-3	2.50	0.25	10.00	0.350	2.002	4.28	3.25	0.098	0.010	0.394	1.999	0.451	0.169	0.128
SSC-025025-4			12.50	0.278	1.990	5.34	3.88			0.492	1.588	0.448	0.210	0.153
SSC-025025-5			16.00	0.217	1.988	6.84	4.75			0.630	1.240	0.447	0.269	0.187
SSC-025030-1			2.80	2.215	1.218	2.25	1.95			0.110	12.648	0.274	0.089	0.077
SSC-025030-2			4.50	1.410	2.327	2.85	2.55			0.177	8.052	0.524	0.112	0.100
SSC-025030-3	2.50	0.30	6.80	0.913	2.785	3.75	3.45	0.098	0.012	0.268	5.214	0.627	0.148	0.136
SSC-025030-4			10.00	0.619	3.126	4.95	4.65			0.394	3.535	0.703	0.195	0.183
SSC-025030-5			14.80	0.420	3.419	6.66	6.45			0.583	2.399	0.769	0.262	0.254
SSC-010C-1			6.35	0.717	2.022	3.53	2.05			0.250	4.095	0.455	0.139	0.081
SSC-010C-2			7.94	0.560	2.022	4.33	2.40			0.313	3.198	0.455	0.170	0.094
SSC-010C-3			9.52	0.455	2.020	5.08	2.70			0.375	2.599	0.455	0.200	0.106
SSC-010C-4			11.11	0.385	2.021	5.86	3.05			0.438	2.199	0.455	0.231	0.120
SSC-010C-5	2.59	0.25	12.70	0.333	2.025	6.62	3.45	0.102	0.010	0.500	1.902	0.456	0.261	0.136
SSC-010C-6			14.29	0.298	2.026	7.49	3.80			0.563	1.702	0.456	0.295	0.150
SSC-010C-7			15.88	0.263	2.025	8.18	4.15			0.625	1.502	0.456	0.322	0.163
SSC-010C-8			19.05	0.210	2.022	9.42	4.85			0.750	1.200	0.455	0.371	0.191
SSC-010C-9			22.22	0.193	2.028	11.71	5.55			0.875	1.103	0.457	0.461	0.219
SSC-010C-10			25.40	0.158	2.029	12.56	6.25			1.000	0.903	0.457	0.494	0.246
SSC-012C-1			6.35	1.437	3.377	4.00	2.55			0.250	8.206	0.760	0.157	0.100
SSC-012C-2			7.94	1.104	3.378	4.88	3.05			0.313	6.305	0.760	0.192	0.120
SSC-012C-3			9.52	0.910	3.376	5.81	3.55			0.375	5.197	0.759	0.229	0.140
SSC-012C-4			11.11	0.770	3.373	6.73	4.00			0.438	4.397	0.759	0.265	0.157
SSC-012C-5			12.70	0.665	3.372	7.63	4.45			0.500	3.798	0.758	0.300	0.175
SSC-012C-6	2.59	0.30	14.29	0.578	3.376	8.45	4.95	0.102	0.012	0.563	3.301	0.759	0.333	0.195
SSC-012C-7			15.88	0.525	3.376	9.45	5.45			0.625	2.998	0.759	0.372	0.215
SSC-012C-8			19.05	0.438	3.377	11.34	6.40			0.750	2.502	0.760	0.446	0.252
SSC-012C-9			22.22	0.368	3.378	13.04	7.35			0.875	2.102	0.760	0.513	0.289
SSC-012C-10			25.40	0.315	3.377	14.68	8.30			1.000	1.799	0.760	0.578	0.327
SSC-027020-1			5.40	0.311	0.986	2.23	1.26			0.213	1.776	0.222	0.088	0.050
SSC-027020-2			8.20	0.199	0.977	3.29	1.62			0.323	1.137	0.220	0.130	0.064
SSC-027020-3	2.70	0.20	12.70	0.129	0.974	5.15	2.16	0.106	0.008	0.500	0.737	0.219	0.203	0.085
SSC-027020-4			17.90	0.079	0.970	5.62	3.14			0.705	0.452	0.219	0.221	0.124
SSC-027020-5			26.20	0.059	0.966	9.83	3.99			1.031	0.337	0.218	0.387	0.157
SSC-028025-1			4.90	0.771	1.827	2.53	1.56			0.193	4.403	0.411	0.100	0.061
SSC-028025-2			7.30	0.491	1.827	3.58	2.02			0.287	2.804	0.411	0.141	0.080
SSC-028025-3	2.75	0.25	10.90	0.311	1.832	5.01	2.75	0.108	0.010	0.429	1.776	0.412	0.197	0.108
SSC-028025-4			15.70	0.219	1.818	7.40	3.57			0.618	1.251	0.409	0.291	0.141
SSC-028025-5			22.90	0.139	1.813	9.86	5.18			0.902	0.794	0.408	0.388	0.204

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-028032-1			4.70	2.059	3.583	2.96	2.00			0.185	11.758	0.806	0.117	0.079
SSC-028032-2			6.80	1.311	3.592	4.06	2.59			0.268	7.487	0.808	0.160	0.102
SSC-028032-3	2.82	0.32	10.00	0.851	3.600	5.77	3.47	0.111	0.013	0.394	4.860	0.810	0.227	0.137
SSC-028032-4			14.20	0.579	3.596	7.99	4.64			0.559	3.307	0.809	0.315	0.183
SSC-028032-5			20.60	0.381	3.608	11.13	6.57			0.811	2.176	0.812	0.438	0.259
SSC-029040-1			4.30	4.768	6.723	2.89	2.56			0.169	27.226	1.512	0.114	0.101
SSC-029040-2			6.30	3.042	6.723	4.09	3.34			0.248	17.371	1.512	0.161	0.131
SSC-029040-3	2.90	0.40	9.10	1.962	6.730	5.67	4.52	0.114	0.016	0.358	11.204	1.513	0.223	0.178
SSC-029040-4			13.00	1.332	6.740	7.94	6.09			0.512	7.606	1.516	0.313	0.240
SSC-029040-5			18.50	0.902	6.747	11.02	8.43			0.728	5.151	1.517	0.434	0.332
SSC-030050-1			4.40	11.582	12.161	3.35	2.72			0.173	66.135	2.734	0.132	0.107
SSC-030050-2			6.10	7.422	12.098	4.47	3.68			0.240	42.381	2.720	0.176	0.145
SSC-030050-3	3.00	0.50	8.70	4.798	12.139	6.17	5.14	0.118	0.020	0.343	27.398	2.729	0.243	0.202
SSC-030050-4			12.00	3.266	12.150	8.28	7.07			0.472	18.650	2.732	0.326	0.278
SSC-030050-5			17.50	2.208	12.144	12.00	9.99			0.689	12.609	2.731	0.472	0.393
SSC-WR305-1		0.23	5.00		0.874	2.03	1.80		0.009	0.197		0.197	0.080	0.071
SSC-WR310-2		0.25	10.00		1.680	4.29	2.30		0.010	0.394		0.378	0.169	0.091
SSC-WR315-3		0.30	15.00		2.877	5.22	4.80		0.012	0.591		0.647	0.206	0.189
SSC-WR320-4	3.00	0.30	20.00	0.294	2.877	10.22	4.80	0.118	0.012	0.787	1.680	0.647	0.402	0.189
SSC-WR325-5		0.32	25.00		3.398	13.45	6.80		0.013	0.984		0.764	0.530	0.268
SSC-WR330-6		0.32	30.00		3.398	18.45	6.80		0.013	1.181		0.764	0.726	0.268
SSC-WR335-7		0.35	35.00		4.422	19.97	11.50		0.014	1.378		0.995	0.786	0.453
SSC-WR340-8		0.35	40.00		4.422	24.97	11.50		0.014	1.575		0.995	0.983	0.453
SSC-WF305-1		0.26	5.00		1.344	2.26	2.00		0.010	0.197		0.303	0.089	0.079
SSC-WF310-2		0.32	10.00		2.305	5.30	5.00		0.013	0.394		0.519	0.209	0.197
SSC-WF315-3		0.32	15.00		3.398	8.07	5.00		0.013	0.591		0.764	0.318	0.197
SSC-WF320-4	3.00	0.35	20.00	0.490	4.418	10.99	7.00	0.118	0.014	0.787	2.800	0.994	0.433	0.276
SSC-WF325-5		0.35	25.00		4.418	15.99	7.00		0.014	0.984		0.994	0.630	0.276
SSC-WF330-6		0.40	30.00		6.531	16.68	13.20		0.016	1.181		1.469	0.657	0.520
SSC-WF335-7		0.40	35.00		6.531	21.68	13.20		0.016	1.378		1.469	0.854	0.520
SSC-WF340-8		0.40	40.00		6.531	26.68	13.20		0.016	1.575		1.469	1.050	0.520
SSC-WL305-1		0.30	5.00		2.550	2.40	2.10		0.012	0.197		0.574	0.094	0.083
SSC-WL310-2		0.35	10.00		4.413	5.50	3.90	0.118	0.014	0.394		0.993	0.217	0.154
SSC-WL315-3		0.40	15.00		6.531	8.34	7.10		0.016	0.591		1.469	0.328	0.280
SSC-WL320-4	3.00	0.40	20.00	0.981	6.531	13.34	7.10	0.118	0.016	0.787	5.600	1.469	0.525	0.280
SSC-WL325-5		0.45	25.00		8.973	15.85	13.00		0.018	0.984		2.018	0.624	0.512
SSC-WL330-6		0.45	30.00		8.973	20.85	13.00		0.018	1.181		2.018	0.821	0.512
SSC-WL335-7		0.45	35.00		8.973	25.85	13.00		0.018	1.378		2.018	1.018	0.512
SSC-WL340-8		0.50	40.00		12.160	27.60	22.50		0.020	1.575		2.734	1.087	0.886
SSC-WT305-1		0.30	5.00		2.868	3.05	1.73		0.012	0.197		0.645	0.120	0.068
SSC-WT310-2		0.40	10.00		6.531	5.56	5.00		0.016	0.394		1.469	0.219	0.197
SSC-WT315-3	3.00	0.45	15.00	1.471	8.973	8.90	8.78	0.118	0.018	0.591	8.400	2.018	0.350	0.346
SSC-WT320-4		0.45	20.00		8.973	13.90	8.78		0.018	0.787		2.018	0.547	0.346
SSC-WT325-5		0.50	25.00		12.165	16.73	14.50		0.020	0.984		2.735	0.659	0.571

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-010D-1			6.35	0.564	1.743	3.26	1.70			0.250	3.221	0.392	0.128	0.067
SSC-010D-2			7.94	0.438	1.734	3.98	1.95			0.313	2.502	0.390	0.157	0.077
SSC-010D-3			9.52	0.367	1.729	4.81	2.20			0.375	2.096	0.389	0.189	0.087
SSC-010D-4			11.11	0.300	1.746	5.29	2.50			0.438	1.714	0.393	0.208	0.098
SSC-010D-5	3.05	0.25	12.70	0.263	1.736	6.10	2.75	0.120	0.010	0.500	1.502	0.391	0.240	0.108
SSC-010D-6			14.29	0.231	1.758	6.68	3.00			0.563	1.320	0.396	0.263	0.118
SSC-010D-7			15.88	0.210	1.733	7.63	3.25			0.625	1.200	0.390	0.300	0.128
SSC-010D-8			19.05	0.175	1.733	9.15	3.80			0.750	1.000	0.390	0.360	0.150
SSC-010D-9			22.22	0.143	1.770	9.84	4.30			0.875	0.817	0.398	0.387	0.169
SSC-010D-10			25.40	0.123	1.740	11.25	4.80			1.000	0.703	0.392	0.443	0.189
SSC-011D-1			6.35	0.838	2.305	3.60	1.90			0.250	4.786	0.519	0.142	0.075
SSC-011D-2			7.94	0.648	2.313	4.37	2.20			0.313	3.701	0.521	0.172	0.087
SSC-011D-3			9.52	0.525	2.310	5.12	2.45			0.375	2.998	0.520	0.202	0.096
SSC-011D-4			11.11	0.455	2.311	6.03	2.75			0.438	2.599	0.520	0.237	0.108
SSC-011D-5	3.05	0.28	12.70	0.388	2.328	6.70	3.05	0.120	0.011	0.500	2.216	0.524	0.264	0.120
SSC-011D-6			14.29	0.348	2.297	7.69	3.35			0.563	1.988	0.517	0.303	0.132
SSC-011D-7			15.88	0.309	2.265	8.55	3.65			0.625	1.765	0.510	0.336	0.144
SSC-011D-8			19.05	0.250	2.358	9.62	4.25			0.750	1.428	0.530	0.379	0.167
SSC-011D-9			22.22	0.210	2.310	11.22	4.85			0.875	1.200	0.520	0.442	0.191
SSC-011D-10			25.40	0.191	2.292	13.40	5.40			1.000	1.091	0.516	0.528	0.213
SSC-012D-1			6.35	1.142	2.901	3.81	2.15			0.250	6.521	0.653	0.150	0.085
SSC-012D-2			7.94	0.892	2.890	4.70	2.45			0.313	5.094	0.650	0.185	0.096
SSC-012D-3			9.52	0.718	2.901	5.48	2.80			0.375	4.100	0.653	0.216	0.110
SSC-012D-4			11.11	0.613	2.899	6.38	3.20			0.438	3.501	0.652	0.251	0.126
SSC-012D-5	3.05	0.30	12.70	0.525	2.898	7.18	3.50	0.120	0.012	0.500	2.998	0.652	0.283	0.138
SSC-012D-6			14.29	0.472	2.893	8.16	3.85			0.563	2.696	0.651	0.321	0.152
SSC-012D-7			15.88	0.420	2.898	8.98	4.20			0.625	2.399	0.652	0.353	0.165
SSC-012D-8			19.05	0.349	2.890	10.77	4.90			0.750	1.993	0.650	0.424	0.193
SSC-012D-9			22.22	0.298	2.903	12.48	5.60			0.875	1.702	0.653	0.491	0.220
SSC-012D-10			25.40	0.260	2.870	14.36	6.25			1.000	1.485	0.646	0.565	0.246
SSC-014A-1			6.35	1.966	4.718	3.95	2.25			0.250	11.227	1.061	0.156	0.089
SSC-014A-2			7.94	1.559	4.724	4.91	2.65			0.313	8.903	1.062	0.193	0.104
SSC-014A-3			9.52	1.240	4.712	5.72	3.10			0.375	7.081	1.060	0.225	0.122
SSC-014A-4			11.11	1.051	4.730	6.61	3.55			0.438	6.002	1.064	0.260	0.140
SSC-014A-5			12.70	0.911	4.728	7.51	3.95			0.500	5.202	1.063	0.296	0.156
SSC-014A-6			14.29	0.806	4.731	8.42	4.35			0.563	4.603	1.064	0.331	0.171
SSC-014A-7	3.05	0.36	15.88	0.717	4.718	9.30	4.80	0.120	0.014	0.625	4.095	1.061	0.366	0.189
SSC-014A-8			17.46	0.665	4.722	10.36	5.25			0.688	3.798	1.062	0.408	0.207
SSC-014A-9			19.05	0.595	4.724	11.11	5.65			0.750	3.398	1.063	0.437	0.222
SSC-014A-10			25.40	0.436	4.709	14.60	7.35			1.000	2.490	1.059	0.575	0.289
SSC-014A-11			28.58	0.394	4.728	16.58	8.25			1.125	2.250	1.063	0.653	0.325
SSC-014A-12			31.75	0.350	4.725	18.25	9.05			1.250	1.999	1.063	0.719	0.356
SSC-014A-13			38.10	0.308	4.725	22.76	10.70			1.500	1.759	1.063	0.896	0.421

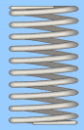
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



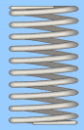
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-016A-1			6.35	3.064	6.741	4.15	2.90			0.250	17.496	1.516	0.163	0.114
SSC-016A-2			7.94	2.452	6.743	5.19	3.40			0.313	14.002	1.516	0.204	0.134
SSC-016A-3			9.52	1.926	6.741	6.02	4.05			0.375	10.998	1.516	0.237	0.159
SSC-016A-4			11.11	1.662	6.731	7.06	4.70			0.438	9.491	1.514	0.278	0.185
SSC-016A-5			12.70	1.488	6.741	8.17	5.20			0.500	8.497	1.516	0.322	0.205
SSC-016A-6			14.29	1.313	6.736	9.16	5.70			0.563	7.498	1.515	0.361	0.224
SSC-016A-7	3.05	0.41	15.88	1.139	6.754	9.95	6.30	0.120	0.016	0.625	6.504	1.519	0.392	0.248
SSC-016A-8			17.46	1.050	6.741	11.04	6.95			0.688	5.996	1.516	0.435	0.274
SSC-016A-9			19.05	0.876	6.745	11.35	8.10			0.750	5.003	1.517	0.447	0.319
SSC-016A-10			25.40	0.700	6.741	15.77	9.90			1.000	3.998	1.516	0.621	0.390
SSC-016A-11			28.58	0.612	6.738	17.57	11.25			1.125	3.495	1.515	0.692	0.443
SSC-016A-12			31.75	0.560	6.742	19.71	12.15			1.250	3.198	1.516	0.776	0.478
SSC-016A-13			38.10	0.473	6.750	23.83	14.20			1.500	2.701	1.518	0.938	0.559
SSC-018A-1			6.35	4.986	9.374	4.47	3.35			0.250	28.471	2.108	0.176	0.132
SSC-018A-2			7.94	3.849	9.392	5.50	4.05			0.313	21.979	2.112	0.217	0.159
SSC-018A-3			9.52	3.152	9.424	6.53	4.55			0.375	17.999	2.119	0.257	0.179
SSC-018A-4			11.11	2.711	9.407	7.64	5.30			0.438	15.481	2.115	0.301	0.209
SSC-018A-5			12.70	2.277	9.427	8.56	6.20			0.500	13.003	2.120	0.337	0.244
SSC-018A-6			14.29	2.014	9.426	9.61	6.90			0.563	11.501	2.119	0.378	0.272
SSC-018A-7	3.05	0.46	15.88	1.926	9.418	10.99	7.35	0.120	0.018	0.625	10.998	2.118	0.433	0.289
SSC-018A-8			17.46	1.662	9.407	11.80	8.25			0.688	9.491	2.115	0.465	0.325
SSC-018A-9			19.05	1.489	9.425	12.72	8.90			0.750	8.503	2.119	0.501	0.350
SSC-018A-10			25.40	1.121	9.428	16.99	11.55			1.000	6.402	2.120	0.669	0.455
SSC-018A-11			28.58	0.981	9.427	18.97	12.95			1.125	5.602	2.120	0.747	0.510
SSC-018A-12			31.75	0.876	9.426	20.99	14.65			1.250	5.003	2.119	0.826	0.577
SSC-018A-13			38.10	0.718	9.427	24.97	17.70			1.500	4.100	2.120	0.983	0.697
SSC-020A-1			6.35	8.311	12.300	4.87	3.80			0.250	47.458	2.766	0.192	0.150
SSC-020A-2			7.94	6.300	12.348	5.98	4.70			0.313	35.974	2.776	0.235	0.185
SSC-020A-3			9.52	5.074	12.330	7.09	5.45			0.375	28.974	2.772	0.279	0.215
SSC-020A-4			11.11	4.290	12.355	8.23	6.35			0.438	24.497	2.778	0.324	0.250
SSC-020A-5			12.70	3.760	12.333	9.42	7.10			0.500	21.471	2.773	0.371	0.280
SSC-020A-6			14.29	3.240	12.377	10.47	7.85			0.563	18.501	2.783	0.412	0.309
SSC-020A-7			15.88	2.888	12.361	11.60	8.75			0.625	16.491	2.779	0.457	0.344
SSC-020A-8	3.05	0.51	17.46	2.623	12.354	12.75	9.50	0.120	0.020	0.688	14.978	2.778	0.502	0.374
SSC-020A-9			19.05	2.364	12.364	13.82	10.40			0.750	13.499	2.780	0.544	0.409
SSC-020A-10			20.64	2.188	12.362	14.99	10.90			0.813	12.494	2.780	0.590	0.429
SSC-020A-11			23.81	1.883	12.371	17.24	12.95			0.938	10.753	2.782	0.679	0.510
SSC-020A-12			25.40	1.750	12.373	18.33	13.70			1.000	9.993	2.782	0.722	0.539
SSC-020A-13			28.58	1.573	12.348	20.73	15.25			1.125	8.983	2.776	0.816	0.600
SSC-020A-14			31.75	1.402	12.394	22.91	16.75			1.250	8.006	2.787	0.902	0.659
SSC-020A-15			38.10	1.139	12.392	27.22	20.05			1.500	6.504	2.786	1.072	0.789

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-022A-1			6.35	12.243	16.161	5.03	4.20			0.250	69.910	3.634	0.198	0.165
SSC-022A-2			7.94	9.448	16.156	6.23	5.05			0.313	53.950	3.633	0.245	0.199
SSC-022A-3			9.52	7.350	16.170	7.32	6.15			0.375	41.970	3.636	0.288	0.242
SSC-022A-4			11.11	6.300	16.128	8.55	7.00			0.438	35.974	3.626	0.337	0.276
SSC-022A-5			12.70	5.427	16.172	9.72	7.85			0.500	30.989	3.636	0.383	0.309
SSC-022A-6			14.29	4.898	16.163	10.99	8.70			0.563	27.969	3.634	0.433	0.343
SSC-022A-7			15.88	4.378	16.155	12.19	9.50			0.625	25.000	3.632	0.480	0.374
SSC-022A-8	3.05	0.56	17.46	3.849	16.166	13.26	10.65	0.120	0.022	0.688	21.979	3.635	0.522	0.419
SSC-022A-9			19.05	3.503	16.184	14.43	11.45			0.750	20.003	3.639	0.568	0.451
SSC-022A-10			20.64	3.152	16.171	15.51	12.60			0.813	18.000	3.636	0.611	0.496
SSC-022A-11			23.81	2.799	16.150	18.04	14.10			0.938	15.983	3.631	0.710	0.555
SSC-022A-12			25.40	2.623	16.158	19.24	15.25			1.000	14.978	3.633	0.757	0.600
SSC-022A-13			28.58	2.277	16.167	21.48	16.90			1.125	13.003	3.635	0.846	0.665
SSC-022A-14			31.75	2.058	16.176	23.89	19.25			1.250	11.752	3.637	0.941	0.758
SSC-022A-15			38.10	1.699	16.174	28.58	22.90			1.500	9.702	3.637	1.125	0.902
SSC-024A-1			6.35	18.810	20.503	5.26	4.55			0.250	107.408	4.610	0.207	0.179
SSC-024A-2			7.94	14.401	20.593	6.51	5.55			0.313	82.232	4.630	0.256	0.219
SSC-024A-3			9.52	11.616	20.560	7.75	6.60			0.375	66.330	4.623	0.305	0.260
SSC-024A-4			11.11	9.738	20.547	9.00	7.60			0.438	55.606	4.620	0.354	0.299
SSC-024A-5			12.70	8.406	20.595	10.25	8.60			0.500	48.000	4.630	0.404	0.339
SSC-024A-6			14.29	7.390	20.618	11.50	9.60			0.563	42.198	4.636	0.453	0.378
SSC-024A-7			15.88	6.585	20.611	12.75	10.65			0.625	37.602	4.634	0.502	0.419
SSC-024A-8	3.05	0.61	17.46	5.947	20.577	14.00	11.65	0.120	0.024	0.688	33.959	4.626	0.551	0.459
SSC-024A-9			19.05	5.411	20.616	15.24	12.70			0.750	30.898	4.635	0.600	0.500
SSC-024A-10			20.64	4.974	20.592	16.50	13.70			0.813	28.403	4.630	0.650	0.539
SSC-024A-11			22.22	4.588	20.600	17.73	14.70			0.875	26.199	4.632	0.698	0.579
SSC-024A-12			23.81	4.273	20.596	18.99	15.75			0.938	24.400	4.631	0.748	0.620
SSC-024A-13			25.40	3.993	20.604	20.24	16.75			1.000	22.801	4.632	0.797	0.659
SSC-024A-14			28.58	3.521	20.598	22.73	18.80			1.125	20.106	4.631	0.895	0.740
SSC-024A-15			31.75	3.153	20.621	25.21	20.80			1.250	18.005	4.636	0.993	0.819
SSC-024A-16			38.10	2.614	20.651	30.20	24.90			1.500	14.927	4.643	1.189	0.980
SSC-032030-1			5.00	0.969	2.704	2.21	1.62			0.197	5.534	0.608	0.087	0.064
SSC-032030-2			7.71	0.617	2.715	3.31	2.21			0.304	3.524	0.611	0.130	0.087
SSC-032030-3	3.20	0.30	12.00	0.399	2.713	5.20	3.09	0.126	0.012	0.472	2.279	0.610	0.205	0.122
SSC-032030-4			17.50	0.272	2.717	7.51	4.25			0.689	1.554	0.611	0.296	0.167
SSC-032030-5			26.00	0.184	2.721	11.21	6.01			1.024	1.051	0.612	0.441	0.237
SSC-035025-1			7.10	0.359	1.465	3.02	1.32			0.280	2.050	0.330	0.119	0.052
SSC-035025-2			10.70	0.239	1.463	4.58	1.73			0.421	1.365	0.329	0.180	0.068
SSC-035025-3	3.45	0.25	16.10	0.159	1.460	6.92	2.35	0.136	0.010	0.634	0.908	0.329	0.272	0.093
SSC-035025-4			23.30	0.109	1.455	9.95	3.19			0.917	0.623	0.328	0.392	0.126
SSC-035025-5			34.10	0.069	1.448	13.12	4.73			1.343	0.395	0.326	0.517	0.186
SSC-035050-1			6.00	6.737	10.577	4.43	2.71			0.236	38.470	2.378	0.174	0.107
SSC-035050-2	3.50	0.50	8.40	4.287	10.589	5.93	3.68	0.138	0.020	0.331	24.480	2.381	0.233	0.145
SSC-035050-3			13.40	2.481	10.594	9.13	5.63			0.528	14.167	2.382	0.359	0.222
SSC-035050-4			20.70	1.520	10.594	13.73	8.56			0.815	8.680	2.382	0.541	0.337

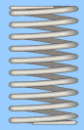
Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-035032-1			6.30	0.971	2.923	3.29	1.69			0.248	5.545	0.658	0.130	0.067
SSC-035032-2			9.40	0.621	2.925	4.69	2.28			0.370	3.547	0.658	0.185	0.090
SSC-035032-3	3.52	0.32	14.00	0.401	2.927	6.70	3.18	0.139	0.013	0.551	2.290	0.659	0.264	0.125
SSC-035032-4			20.10	0.281	2.931	9.67	4.27			0.791	1.605	0.659	0.381	0.168
SSC-035032-5			29.30	0.191	2.936	13.93	5.99			1.154	1.091	0.660	0.548	0.236
SSC-036040-1			5.60	2.279	5.515	3.18	2.16			0.220	13.014	1.240	0.125	0.085
SSC-036040-2			8.30	1.449	5.506	4.50	2.94			0.327	8.275	1.238	0.177	0.116
SSC-036040-3	3.60	0.40	12.00	0.939	5.512	6.13	4.10	0.142	0.016	0.472	5.362	1.240	0.241	0.161
SSC-036040-4			17.50	0.639	5.508	8.88	5.65			0.689	3.649	1.239	0.350	0.222
SSC-036040-5			25.50	0.429	5.504	12.67	8.02			1.004	2.450	1.238	0.499	0.316
SSC-037050-1			5.50	5.569	10.080	3.69	2.70			0.217	31.800	2.267	0.145	0.106
SSC-037050-2			7.90	3.529	10.058	5.05	3.68			0.311	20.152	2.262	0.199	0.145
SSC-037050-3	3.70	0.50	11.50	2.279	10.073	7.08	5.15	0.146	0.020	0.453	13.014	2.265	0.279	0.203
SSC-037050-4			16.00	1.559	10.071	9.54	7.07			0.630	8.903	2.265	0.376	0.278
SSC-037050-5			23.50	1.049	10.070	13.90	10.02			0.925	5.990	2.264	0.547	0.394
SSC-014AB-1			6.35	1.213	3.882	3.15	1.98			0.250	6.927	0.873	0.124	0.078
SSC-014AB-2			7.94	0.943	3.876	3.83	2.34			0.313	5.385	0.872	0.151	0.092
SSC-014AB-3			9.52	0.772	3.883	4.49	2.70			0.375	4.409	0.873	0.177	0.106
SSC-014AB-4			11.11	0.629	3.881	4.94	3.15			0.438	3.592	0.873	0.194	0.124
SSC-014AB-5			12.70	0.566	3.883	5.84	3.42			0.500	3.232	0.873	0.230	0.135
SSC-014AB-6			14.29	0.485	3.880	6.29	3.87			0.563	2.770	0.873	0.248	0.152
SSC-014AB-7			15.88	0.435	3.880	6.96	4.23			0.625	2.484	0.873	0.274	0.167
SSC-014AB-8	3.76	0.36	17.46	0.386	3.883	7.40	4.68	0.148	0.014	0.688	2.205	0.873	0.291	0.184
SSC-014AB-9			19.05	0.361	3.881	8.30	4.95			0.750	2.062	0.873	0.327	0.195
SSC-014AB-10			22.22	0.303	3.881	9.41	5.76			0.875	1.731	0.873	0.370	0.227
SSC-014AB-11			23.81	0.283	3.886	10.08	6.12			0.938	1.616	0.874	0.397	0.241
SSC-014AB-12			25.40	0.265	3.880	10.76	6.48			1.000	1.514	0.873	0.424	0.255
SSC-014AB-13			31.75	0.212	3.880	13.45	7.92			1.250	1.211	0.873	0.530	0.312
SSC-014AB-14			38.10	0.173	3.879	15.68	9.54			1.500	0.988	0.872	0.617	0.376
SSC-014AB-15			44.45	0.146	3.875	17.91	11.16			1.750	0.834	0.872	0.705	0.439
SSC-014AB-16			50.80	0.129	3.896	20.60	12.60			2.000	0.737	0.876	0.811	0.496
SSC-016AB-1			6.35	2.127	5.530	3.75	2.35			0.250	12.146	1.244	0.148	0.093
SSC-016AB-2			7.94	1.657	5.551	4.59	2.80			0.313	9.462	1.248	0.181	0.110
SSC-016AB-3			9.52	1.356	5.546	5.43	3.20			0.375	7.743	1.247	0.214	0.126
SSC-016AB-4			11.11	1.106	5.552	6.09	3.65			0.438	6.316	1.249	0.240	0.144
SSC-016AB-5			12.70	0.990	5.524	7.12	4.10			0.500	5.654	1.242	0.280	0.161
SSC-016AB-6			14.29	0.853	5.553	7.78	4.50			0.563	4.871	1.249	0.306	0.177
SSC-016AB-7			15.88	0.766	5.561	8.62	4.95			0.625	4.374	1.251	0.339	0.195
SSC-016AB-8	3.76	0.41	17.46	0.679	5.561	9.27	5.40	0.148	0.016	0.688	3.878	1.251	0.365	0.213
SSC-016AB-9			19.05	0.633	5.539	10.30	5.80			0.750	3.615	1.246	0.406	0.228
SSC-016AB-10			22.22	0.533	5.554	11.80	6.56			0.875	3.044	1.249	0.465	0.258
SSC-016AB-11			23.81	0.497	5.551	12.64	7.10			0.938	2.838	1.249	0.498	0.280
SSC-016AB-12			25.40	0.467	5.562	13.49	7.55			1.000	2.667	1.251	0.531	0.297
SSC-016AB-13			31.75	0.373	5.554	16.86	9.25			1.250	2.130	1.249	0.664	0.364
SSC-016AB-14			38.10	0.304	5.548	19.85	11.00			1.500	1.736	1.248	0.781	0.433
SSC-016AB-15			44.45	0.257	5.551	22.85	13.12			1.750	1.468	1.248	0.900	0.517
SSC-016AB-16			50.80	0.226	5.555	26.22	14.76			2.000	1.291	1.249	1.032	0.581

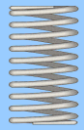
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-021AB-1			6.35	5.594	11.636	4.27	3.40			0.250	31.943	2.616	0.168	0.134
SSC-021AB-2			7.94	4.374	11.679	5.27	4.05			0.313	24.977	2.626	0.207	0.159
SSC-021AB-3			9.52	3.501	11.693	6.18	4.75			0.375	19.992	2.629	0.243	0.187
SSC-021AB-4			11.11	2.971	11.676	7.18	5.45			0.438	16.965	2.625	0.283	0.215
SSC-021AB-5			12.70	2.569	11.689	8.15	6.15			0.500	14.670	2.628	0.321	0.242
SSC-021AB-6			14.29	2.275	11.694	9.15	6.80			0.563	12.991	2.629	0.360	0.268
SSC-021AB-7	3.76	0.53	15.88	2.050	11.706	10.17	7.45	0.148	0.021	0.625	11.706	2.632	0.400	0.293
SSC-021AB-8			17.46	1.834	11.701	11.08	8.15			0.688	10.473	2.631	0.436	0.321
SSC-021AB-9			19.05	1.697	11.692	12.16	8.85			0.750	9.691	2.629	0.479	0.348
SSC-021AB-10			20.64	1.559	11.693	13.14	9.55			0.813	8.903	2.629	0.517	0.376
SSC-021AB-11			23.81	1.314	11.695	14.91	10.90			0.938	7.504	2.630	0.587	0.429
SSC-021AB-12			25.40	1.226	11.696	15.86	12.15			1.000	7.001	2.630	0.624	0.478
SSC-021AB-13			31.75	1.020	11.699	20.28	14.45			1.250	5.825	2.631	0.798	0.569
SSC-021AB-14			38.10	0.843	11.692	24.23	17.15			1.500	4.814	2.629	0.954	0.675
SSC-023AB-1			6.35	8.311	15.209	4.52	3.75			0.250	47.458	3.420	0.178	0.148
SSC-023AB-2			7.94	6.388	15.203	5.56	4.50			0.313	36.477	3.418	0.219	0.177
SSC-023AB-3			9.52	5.158	15.216	6.57	5.30			0.375	29.453	3.421	0.259	0.209
SSC-023AB-4			11.11	4.445	15.202	7.69	6.05			0.438	25.382	3.418	0.303	0.238
SSC-023AB-5			12.70	3.844	15.222	8.74	6.90			0.500	21.950	3.423	0.344	0.272
SSC-023AB-6			14.29	3.324	15.224	9.71	7.65			0.563	18.981	3.423	0.382	0.301
SSC-023AB-7	3.76	0.58	15.88	2.971	15.212	10.76	8.50	0.148	0.023	0.625	16.965	3.420	0.424	0.335
SSC-023AB-8			17.46	2.707	15.213	11.84	9.25			0.688	15.458	3.421	0.466	0.364
SSC-023AB-9			19.05	2.452	15.227	12.84	10.05			0.750	14.002	3.424	0.506	0.396
SSC-023AB-10			20.64	2.232	15.222	13.82	10.80			0.813	12.746	3.423	0.544	0.425
SSC-023AB-11			23.81	1.922	15.222	15.89	12.35			0.938	10.975	3.423	0.626	0.486
SSC-023AB-12			25.40	1.804	15.226	16.96	13.15			1.000	10.302	3.423	0.668	0.518
SSC-023AB-13			31.75	1.451	15.221	21.26	16.55			1.250	8.286	3.422	0.837	0.652
SSC-023AB-14			38.10	1.206	15.232	25.47	19.65			1.500	6.887	3.425	1.003	0.774
SSC-024AB-1			6.35	13.134	17.206	5.04	3.26			0.250	74.998	3.868	0.198	0.128
SSC-024AB-2			7.94	9.777	17.208	6.18	3.97			0.313	55.829	3.869	0.243	0.156
SSC-024AB-3			9.52	7.787	17.209	7.31	4.67			0.375	44.465	3.869	0.288	0.184
SSC-024AB-4			11.11	6.423	17.214	8.43	5.40			0.438	36.677	3.870	0.332	0.213
SSC-024AB-5			12.70	5.534	17.211	9.59	6.07			0.500	31.600	3.870	0.378	0.239
SSC-024AB-6			14.29	4.808	17.213	10.71	6.80			0.563	27.455	3.870	0.422	0.268
SSC-024AB-7	3.76	0.61	15.88	4.292	17.254	11.86	7.47	0.148	0.024	0.628	24.508	3.879	0.467	0.294
SSC-024AB-8			17.46	3.825	17.251	12.95	8.24			0.688	21.842	3.879	0.510	0.324
SSC-024AB-9			19.05	3.520	17.248	14.15	8.85			0.750	20.100	3.878	0.557	0.348
SSC-024AB-10			20.64	3.200	17.248	15.25	9.61			0.813	18.273	3.878	0.600	0.378
SSC-024AB-11			23.81	2.750	17.243	17.54	10.98			0.938	15.703	3.877	0.691	0.432
SSC-024AB-12			25.40	2.551	17.245	18.64	11.74			1.000	14.567	3.877	0.734	0.462
SSC-024AB-13			31.75	2.022	17.248	23.22	14.49			1.250	11.546	3.878	0.914	0.570
SSC-024AB-14			38.10	1.676	17.246	27.81	17.23			1.500	9.571	3.878	1.095	0.678
SSC-038063-1			5.50	14.025	18.513	4.18	3.01			0.217	80.085	4.162	0.165	0.119
SSC-038063-2			7.80	8.901	18.603	5.71	4.04			0.307	50.827	4.183	0.225	0.159
SSC-038063-3	3.83	0.63	11.00	5.769	18.576	7.78	6.47	0.151	0.025	0.433	32.942	4.177	0.306	0.255
SSC-038063-4			15.50	3.931	18.633	10.76	7.61			0.610	22.447	4.189	0.424	0.300
SSC-038063-5			22.50	2.649	18.622	15.47	12.61			0.886	15.127	4.187	0.609	0.496

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-040030-1			7.00	0.464	2.181	2.30	1.65			0.276	2.650	0.491	0.091	0.065
SSC-040030-2			11.00	0.295	2.177	3.62	2.25			0.433	1.685	0.490	0.143	0.089
SSC-040030-3	4.00	0.30	17.00	0.193	2.198	5.61	3.15	0.157	0.012	0.669	1.103	0.495	0.221	0.124
SSC-040030-4			25.00	0.129	2.170	8.18	4.35			0.984	0.737	0.488	0.322	0.171
SSC-040030-5			37.00	0.087	2.162	12.15	6.15			1.457	0.497	0.487	0.478	0.242
SSC-WR405-1		0.26	5.00		0.924	1.86	1.60		0.010	0.197		0.208	0.073	0.063
SSC-WR410-2		0.29	10.00		1.977	3.28	2.20		0.011	0.394		0.445	0.129	0.087
SSC-WR415-3		0.32	15.00		2.586	6.21	3.20		0.013	0.591		0.582	0.244	0.126
SSC-WR420-4		0.38	20.00		3.883	6.80	6.50		0.015	0.787		0.874	0.268	0.256
SSC-WR425-5		0.38	25.00		4.295	10.40	6.50		0.015	0.984		0.966	0.409	0.256
SSC-WR430-6	4.00	0.40	30.00	0.294	4.996	13.02	8.40	0.157	0.016	1.181	1.680	1.124	0.513	0.331
SSC-WR435-7		0.40	35.00		4.996	18.02	8.40		0.016	1.378		1.124	0.709	0.331
SSC-WR440-8		0.45	40.00		6.896	16.56	15.00		0.018	1.575		1.551	0.652	0.591
SSC-WR445-9		0.45	45.00		6.896	21.56	15.00		0.018	1.772		1.551	0.849	0.591
SSC-WR450-10		0.45	50.00		6.896	26.56	15.00		0.018	1.969		1.551	1.046	0.591
SSC-WR455-11		0.45	55.00		6.896	31.56	15.00		0.018	2.165		1.551	1.243	0.591
SSC-WR460-12		0.50	60.00		9.391	28.08	26.00		0.020	2.362		2.112	1.106	1.024
SSC-WF405-1		0.32	5.00		1.177	2.60	2.30		0.013	0.197		0.265	0.102	0.091
SSC-WF410-2		0.35	10.00		3.369	3.13	3.10		0.014	0.394		0.758	0.123	0.122
SSC-WF415-3		0.40	15.00		4.462	5.90	5.60		0.016	0.591		1.004	0.232	0.220
SSC-WF420-4		0.40	20.00		4.996	9.81	5.60		0.016	0.787		1.124	0.386	0.220
SSC-WF425-5		0.45	25.00		6.894	10.94	9.90		0.018	0.984		1.550	0.431	0.390
SSC-WF430-6	4.00	0.45	30.00	0.490	6.894	15.94	9.90	0.157	0.018	1.181	2.800	1.550	0.628	0.390
SSC-WF435-7		0.50	35.00		8.924	16.80	16.50		0.020	1.378		2.007	0.661	0.650
SSC-WF440-8		0.50	40.00		9.390	20.85	16.50		0.020	1.575		2.111	0.821	0.650
SSC-WF445-9		0.50	45.00		9.390	25.85	16.50		0.020	1.772		2.111	1.018	0.650
SSC-WF450-10		0.50	50.00		9.390	30.85	16.50		0.020	1.969		2.111	1.215	0.650
SSC-WF455-11		0.50	55.00		9.390	35.85	16.50		0.020	2.165		2.111	1.411	0.650
SSC-WF460-12		0.50	60.00		9.390	40.85	16.50		0.020	2.362		2.111	1.608	0.650
SSC-WL405-1		0.35	5.00		2.550	2.40	2.10		0.014	0.197		0.574	0.094	0.083
SSC-WL410-2		0.45	10.00		4.315	5.60	5.30		0.018	0.394		0.971	0.220	0.209
SSC-WL415-3		0.45	15.00		6.894	7.97	5.30		0.018	0.591		1.550	0.314	0.209
SSC-WL420-4		0.50	20.00		9.385	10.43	9.00		0.020	0.787		2.110	0.411	0.354
SSC-WL425-5		0.50	25.00		9.385	15.43	9.00		0.020	0.984		2.110	0.607	0.354
SSC-WL430-6	4.00	0.55	30.00	0.981	12.092	17.67	13.90	0.157	0.022	1.181	5.600	2.719	0.696	0.547
SSC-WL435-7		0.55	35.00		12.092	22.67	13.90		0.022	1.378		2.719	0.893	0.547
SSC-WL440-8		0.60	40.00		15.573	24.12	21.60		0.024	1.575		3.501	0.950	0.850
SSC-WL445-9		0.60	45.00		15.573	29.12	21.60		0.024	1.772		3.501	1.146	0.850
SSC-WL450-10		0.60	50.00		15.573	34.12	21.60		0.024	1.969		3.501	1.343	0.850
SSC-WL455-11		0.60	55.00		15.573	39.12	21.60		0.024	2.165		3.501	1.540	0.850
SSC-WL460-12		0.65	60.00		19.613	40.00	33.00		0.026	2.362		4.410	1.575	1.299

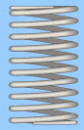
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WT405-1		0.40	5.0		2.942	3.00	2.70		0.016	0.197		0.662	0.118	0.106
SSC-WT410-2		0.40	10.0		4.987	6.61	2.70		0.016	0.394		1.122	0.260	0.106
SSC-WT415-3		0.50	15.0		9.385	8.62	6.50		0.020	0.591		2.110	0.339	0.256
SSC-WT420-4	4.00	0.55	20.0	1.471	12.092	11.78	9.63	0.157	0.022	0.787	8.400	2.719	0.464	0.379
SSC-WT425-5		0.55	25.0		12.092	16.78	9.63		0.022	0.984		2.719	0.661	0.379
SSC-WT430-6		0.60	30.0		15.563	19.42	15.00		0.024	1.181		3.499	0.765	0.591
SSC-WT435-7		0.60	35.0		15.563	24.42	15.00		0.024	1.378		3.499	0.961	0.591
SSC-WT440-8		0.65	40.0		19.608	26.67	22.50		0.026	1.575		4.409	1.050	0.886
SSC-WM405-1		0.40	5.0		4.982	2.46	2.30		0.016	0.197		1.120	0.097	0.091
SSC-WM410-2		0.45	10.0		6.884	6.49	3.40		0.018	0.394		1.548	0.256	0.134
SSC-WM415-3	4.00	0.50	15.0	1.961	9.375	10.22	5.10	0.157	0.020	0.591	11.200	2.108	0.402	0.201
SSC-WM420-4		0.55	20.0		12.082	13.84	7.70		0.022	0.787		2.717	0.545	0.303
SSC-WM425-5		0.60	25.0		15.573	17.06	11.70		0.024	0.984		3.501	0.672	0.461
SSC-WM430-6		0.60	30.0		15.573	22.06	11.70		0.024	1.181		3.501	0.869	0.461
SSC-WH405-1		0.45	5.0		5.884	3.00	2.70		0.018	0.197		1.323	0.118	0.106
SSC-WH410-2		0.45	10.0		6.884	7.66	2.70		0.018	0.394		1.548	0.302	0.106
SSC-WH415-3	4.00	0.55	15.0	2.942	12.092	10.89	5.80	0.157	0.022	0.591	16.800	2.719	0.429	0.228
SSC-WH420-4		0.60	20.0		15.563	14.71	8.40		0.024	0.787		3.499	0.579	0.331
SSC-WH425-5		0.65	25.0		19.594	18.34	12.40		0.026	0.984		4.405	0.722	0.488
SSC-WH430-6		0.65	30.0		19.594	23.34	12.40		0.026	1.181		4.405	0.919	0.488
SSC-043032-1			8.70	0.501	2.405	3.90	1.68			0.343	2.861	0.541	0.154	0.066
SSC-043032-2			13.10	0.311	2.407	5.36	2.32			0.516	1.776	0.542	0.211	0.091
SSC-043032-3	4.32	0.32	19.80	0.219	2.389	8.89	3.01	0.170	0.013	0.780	1.251	0.538	0.350	0.119
SSC-043032-4			28.60	0.139	2.384	11.45	4.36			1.126	0.794	0.536	0.451	0.172
SSC-043032-5			41.90	0.099	2.377	17.89	5.85			1.650	0.566	0.535	0.704	0.230
SSC-044040-1			7.50	1.167	4.563	3.59	2.56			0.295	6.664	1.026	0.141	0.101
SSC-044040-2			11.00	0.745	4.559	4.88	3.33			0.433	4.255	1.025	0.192	0.131
SSC-044040-3	4.40	0.40	16.50	0.481	4.570	7.00	4.51	0.173	0.016	0.650	2.747	1.028	0.276	0.178
SSC-044040-4			24.00	0.324	4.568	9.90	6.11			0.945	1.851	1.028	0.390	0.241
SSC-044040-5			35.50	0.216	4.571	14.34	8.57			1.398	1.234	1.028	0.565	0.337
SSC-045050-1			7.00	2.834	8.417	4.03	2.71			0.276	16.183	1.893	0.159	0.107
SSC-045050-2			10.00	1.814	8.399	5.37	3.67			0.394	10.359	1.889	0.211	0.144
SSC-045050-3	4.50	0.50	15.00	1.167	8.414	7.79	5.16	0.177	0.020	0.591	6.664	1.892	0.307	0.203
SSC-045050-4			21.50	0.785	8.415	10.78	7.18			0.846	4.483	1.892	0.424	0.283
SSC-045050-5			31.00	0.539	8.408	15.40	9.99			1.220	3.078	1.891	0.606	0.393

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



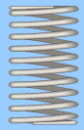
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-014B-1			6.35	1.012	3.218	3.17	1.75			0.250	5.779	0.724	0.125	0.069
SSC-014B-2			7.94	0.793	3.220	3.88	1.95			0.313	4.529	0.724	0.153	0.077
SSC-014B-3			9.52	0.650	3.224	4.56	2.20			0.375	3.712	0.725	0.180	0.087
SSC-014B-4			11.11	0.549	3.223	5.24	2.40			0.438	3.135	0.725	0.206	0.094
SSC-014B-5			12.70	0.476	3.218	5.94	2.60			0.500	2.719	0.724	0.234	0.102
SSC-014B-6			14.29	0.420	3.221	6.62	2.85			0.563	2.399	0.725	0.261	0.112
SSC-014B-7	4.57	0.36	15.88	0.377	3.227	7.32	3.05	0.180	0.014	0.625	2.153	0.726	0.288	0.120
SSC-014B-8			17.46	0.341	3.219	8.02	3.30			0.688	1.948	0.724	0.316	0.130
SSC-014B-9			19.05	0.312	3.226	8.71	3.50			0.750	1.782	0.726	0.343	0.138
SSC-014B-10			22.22	0.266	3.221	10.11	3.95			0.875	1.519	0.725	0.398	0.156
SSC-014B-11			25.40	0.231	3.222	11.45	4.35			1.000	1.320	0.725	0.451	0.171
SSC-014B-12			31.75	0.184	3.226	14.22	5.25			1.250	1.051	0.726	0.560	0.207
SSC-014B-13			34.93	0.167	3.230	15.59	5.65			1.375	0.954	0.727	0.614	0.222
SSC-014B-14			38.10	0.152	3.216	16.94	6.10			1.500	0.868	0.724	0.667	0.240
SSC-016B-1			6.35	1.569	4.613	3.41	1.85			0.250	8.960	1.038	0.134	0.073
SSC-016B-2			7.94	1.314	4.612	4.43	2.05			0.313	7.504	1.037	0.174	0.081
SSC-016B-3			9.52	1.049	4.616	5.12	2.35			0.375	5.990	1.038	0.202	0.093
SSC-016B-4			11.11	0.873	4.618	5.82	2.65			0.438	4.985	1.039	0.229	0.104
SSC-016B-5			12.70	0.785	4.624	6.81	2.85			0.500	4.483	1.040	0.268	0.112
SSC-016B-6			14.29	0.696	4.621	7.65	3.20			0.563	3.975	1.039	0.301	0.126
SSC-016B-7			15.88	0.608	4.621	8.28	3.50			0.625	3.472	1.039	0.326	0.138
SSC-016B-8	4.57	0.41	17.46	0.520	4.623	8.57	3.90	0.180	0.016	0.688	2.970	1.040	0.337	0.154
SSC-016B-9			19.05	0.431	4.616	8.34	4.50			0.750	2.462	1.038	0.328	0.177
SSC-016B-10			22.22	0.382	4.618	10.13	4.95			0.875	2.182	1.039	0.399	0.195
SSC-016B-11			25.40	0.333	4.615	11.54	5.60			1.000	1.902	1.038	0.454	0.220
SSC-016B-12			31.75	0.265	4.627	14.29	7.05			1.250	1.514	1.041	0.563	0.278
SSC-016B-13			34.93	0.226	4.633	14.43	7.75			1.375	1.291	1.042	0.568	0.305
SSC-016B-14			38.10	0.206	4.625	15.65	8.70			1.500	1.177	1.040	0.616	0.343
SSC-016B-15			44.45	0.171	4.607	17.51	10.30			1.750	0.977	1.036	0.689	0.406
SSC-018B-1			6.35	2.363	6.475	3.61	2.20			0.250	13.494	1.456	0.142	0.087
SSC-018B-2			7.94	1.922	6.477	4.57	2.55			0.313	10.975	1.457	0.180	0.100
SSC-018B-3			9.52	1.569	6.480	5.39	2.90			0.375	8.960	1.457	0.212	0.114
SSC-018B-4			11.11	1.402	6.477	6.49	3.10			0.438	8.006	1.457	0.256	0.122
SSC-018B-5			12.70	1.226	6.486	7.41	3.35			0.500	7.001	1.459	0.292	0.132
SSC-018B-6			14.29	1.049	6.483	8.11	3.80			0.563	5.990	1.458	0.319	0.150
SSC-018B-7			15.88	0.873	6.486	8.45	4.35			0.625	4.985	1.459	0.333	0.171
SSC-018B-8	4.57	0.46	17.46	0.785	6.492	9.19	4.70	0.180	0.018	0.688	4.483	1.460	0.362	0.185
SSC-018B-9			19.05	0.696	6.487	9.73	5.05			0.750	3.975	1.459	0.383	0.199
SSC-018B-10			22.22	0.628	6.494	11.88	5.60			0.875	3.586	1.460	0.468	0.220
SSC-018B-11			25.40	0.539	6.484	13.37	6.50			1.000	3.078	1.458	0.526	0.256
SSC-018B-12			31.75	0.431	6.482	16.71	7.65			1.250	2.462	1.458	0.658	0.301
SSC-018B-13			34.93	0.394	6.489	18.46	8.60			1.375	2.250	1.459	0.727	0.339
SSC-018B-14			38.10	0.353	6.488	19.72	9.50			1.500	2.016	1.459	0.776	0.374
SSC-018B-15			44.45	0.296	6.491	22.52	11.20			1.750	1.691	1.460	0.887	0.441

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-020B-1			6.35	3.677	8.567	4.02	2.70			0.250	20.997	1.927	0.158	0.106
SSC-020B-2			7.94	2.801	8.571	4.88	3.20			0.313	15.995	1.927	0.192	0.126
SSC-020B-3			9.52	2.233	8.575	5.68	3.65			0.375	12.751	1.928	0.224	0.144
SSC-020B-4			11.11	1.926	8.571	6.66	4.05			0.438	10.998	1.927	0.262	0.159
SSC-020B-5			12.70	1.620	8.569	7.41	4.55			0.500	9.250	1.927	0.292	0.179
SSC-020B-6			14.29	1.445	8.569	8.36	5.00			0.563	8.252	1.927	0.329	0.197
SSC-020B-7			15.88	1.269	8.566	9.13	5.45			0.625	7.247	1.926	0.359	0.215
SSC-020B-8	4.57	0.51	17.46	1.138	8.569	9.93	5.95	0.180	0.020	0.688	6.499	1.927	0.391	0.234
SSC-020B-9			19.05	1.051	8.576	10.89	6.35			0.750	6.002	1.928	0.429	0.250
SSC-020B-10			22.22	0.893	8.573	12.62	7.25			0.875	5.100	1.928	0.497	0.285
SSC-020B-11			25.40	0.788	8.573	14.52	8.00			1.000	4.500	1.928	0.572	0.315
SSC-020B-12			31.75	0.612	8.562	17.76	9.80			1.250	3.495	1.925	0.699	0.386
SSC-020B-13			34.93	0.560	8.568	19.63	10.65			1.375	3.198	1.927	0.773	0.419
SSC-020B-14			38.10	0.508	8.580	21.21	11.45			1.500	2.901	1.929	0.835	0.451
SSC-020B-15			44.45	0.427	8.570	24.38	13.45			1.750	2.439	1.927	0.960	0.530
SSC-022B-1			6.35	5.247	11.281	4.20	2.80			0.250	29.962	2.537	0.165	0.110
SSC-022B-2			7.94	4.197	11.248	5.26	3.25			0.313	23.966	2.529	0.207	0.128
SSC-022B-3			9.52	3.501	11.273	6.30	3.65			0.375	19.992	2.535	0.248	0.144
SSC-022B-4			11.11	2.971	11.260	7.32	4.10			0.438	16.965	2.532	0.288	0.161
SSC-022B-5			12.70	2.452	11.279	8.10	4.80			0.500	14.002	2.536	0.319	0.189
SSC-022B-6			14.29	2.099	11.272	8.92	5.35			0.563	11.986	2.534	0.351	0.211
SSC-022B-7			15.88	1.834	11.279	9.73	6.05			0.625	10.473	2.536	0.383	0.238
SSC-022B-8	4.57	0.56	17.46	1.657	11.268	10.66	6.60	0.180	0.022	0.688	9.462	2.534	0.420	0.260
SSC-022B-9			19.05	1.491	11.272	11.49	7.30			0.750	8.514	2.535	0.452	0.287
SSC-022B-10			20.64	1.314	11.274	12.06	7.85			0.813	7.504	2.535	0.475	0.309
SSC-022B-11			23.81	1.167	11.273	14.15	8.80			0.938	6.664	2.535	0.557	0.346
SSC-022B-12			25.40	1.098	11.276	15.13	9.35			1.000	6.270	2.536	0.596	0.368
SSC-022B-13			28.58	0.961	11.282	16.84	10.25			1.125	5.488	2.537	0.663	0.404
SSC-022B-14			31.75	0.873	11.279	18.83	11.35			1.250	4.985	2.536	0.741	0.447
SSC-022B-15			38.10	0.716	11.284	22.34	13.40			1.500	4.089	2.537	0.880	0.528
SSC-022B-16			44.45	0.606	11.284	25.83	15.75			1.750	3.461	2.537	1.017	0.620
SSC-024B-1			6.35	7.693	14.386	4.48	3.30			0.250	43.929	3.235	0.176	0.130
SSC-024B-2			7.94	5.771	14.428	5.44	4.00			0.313	32.954	3.244	0.214	0.157
SSC-024B-3			9.52	4.633	14.455	6.40	4.50			0.375	26.456	3.250	0.252	0.177
SSC-024B-4			11.11	3.849	14.434	7.36	5.15			0.438	21.979	3.245	0.290	0.203
SSC-024B-5			12.70	3.327	14.472	8.35	5.60			0.500	18.998	3.254	0.329	0.220
SSC-024B-6			14.29	2.888	14.469	9.28	6.30			0.563	16.491	3.253	0.365	0.248
SSC-024B-7			15.88	2.627	14.474	10.37	6.85			0.625	15.000	3.254	0.408	0.270
SSC-024B-8	4.57	0.61	19.05	2.102	14.483	12.16	8.20	0.180	0.024	0.750	12.003	3.256	0.479	0.323
SSC-024B-9			22.22	1.795	14.468	14.16	9.40			0.875	10.250	3.253	0.557	0.370
SSC-024B-10			25.40	1.573	14.440	16.22	10.55			1.000	8.983	3.247	0.639	0.415
SSC-024B-11			28.58	1.357	14.479	17.91	11.85			1.125	7.749	3.256	0.705	0.467
SSC-024B-12			31.75	1.226	14.479	19.94	12.95			1.250	7.001	3.256	0.785	0.510
SSC-024B-13			38.10	1.005	14.452	23.72	15.20			1.500	5.739	3.249	0.934	0.598
SSC-024B-14			44.45	0.876	14.489	27.91	17.05			1.750	5.003	3.258	1.099	0.671
SSC-024B-15			50.80	0.753	14.480	31.57	19.55			2.000	4.300	3.256	1.243	0.770

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-026B-1			6.35	10.508	17.759	4.66	3.50			0.250	60.003	3.993	0.183	0.138
SSC-026B-2			7.94	8.222	17.760	5.78	4.00			0.313	46.949	3.993	0.228	0.157
SSC-026B-3			9.52	6.472	17.733	6.78	4.85			0.375	36.957	3.987	0.267	0.191
SSC-026B-4			11.11	5.423	17.787	7.83	5.45			0.438	30.967	3.999	0.308	0.215
SSC-026B-5			12.70	4.721	17.751	8.94	5.95			0.500	26.958	3.991	0.352	0.234
SSC-026B-6			14.29	4.021	17.773	9.87	6.95			0.563	22.961	3.996	0.389	0.274
SSC-026B-7			15.88	3.672	17.736	11.05	7.30			0.625	20.968	3.988	0.435	0.287
SSC-026B-8			17.46	3.324	17.783	12.11	7.95			0.688	18.981	3.998	0.477	0.313
SSC-026B-9	4.57	0.66	19.05	2.971	17.767	13.07	8.75	0.180	0.026	0.750	16.965	3.995	0.515	0.344
SSC-026B-10			20.64	2.795	17.776	14.28	9.25			0.813	15.960	3.997	0.562	0.364
SSC-026B-11			22.22	2.618	17.776	15.43	9.95			0.875	14.950	3.997	0.607	0.392
SSC-026B-12			25.40	2.142	17.757	17.11	11.50			1.000	12.232	3.992	0.674	0.453
SSC-026B-13			28.58	1.883	17.776	19.14	13.00			1.125	10.753	3.997	0.754	0.512
SSC-026B-14			31.75	1.697	17.785	21.27	14.00			1.250	9.691	3.999	0.837	0.551
SSC-026B-15			38.10	1.402	17.777	25.42	17.25			1.500	8.006	3.997	1.001	0.679
SSC-026B-16			44.45	1.206	17.776	29.71	19.45			1.750	6.887	3.997	1.170	0.766
SSC-026B-17			50.80	1.049	17.781	33.85	22.10			2.000	5.990	3.998	1.333	0.870
SSC-028B-1			7.94	10.209	21.031	5.88	4.22			0.313	58.295	4.728	0.231	0.166
SSC-028B-2			9.52	8.147	21.019	6.94	4.94			0.375	46.521	4.726	0.273	0.194
SSC-028B-3			12.70	5.675	21.054	8.99	6.48			0.500	32.406	4.734	0.354	0.255
SSC-028B-4			14.29	4.957	21.018	10.05	7.21			0.563	28.306	4.725	0.396	0.284
SSC-028B-5			17.46	3.918	21.040	12.09	8.75			0.688	22.373	4.730	0.476	0.344
SSC-028B-6			19.05	3.578	21.039	13.17	9.45			0.750	20.431	4.730	0.519	0.372
SSC-028B-7	4.57	0.70	22.22	2.992	21.034	15.19	11.03	0.180	0.028	0.875	17.085	4.729	0.598	0.434
SSC-028B-8			25.40	2.589	21.049	17.27	12.52			1.000	14.784	4.732	0.680	0.493
SSC-028B-9			28.58	2.286	21.054	19.37	14.00			1.125	13.054	4.734	0.763	0.551
SSC-028B-10			31.75	2.032	21.052	21.39	15.58			1.250	11.604	4.733	0.842	0.613
SSC-028B-11			34.93	1.828	21.040	23.42	17.15			1.375	10.439	4.731	0.922	0.675
SSC-028B-12			40.00	1.598	21.046	26.83	19.43			1.575	9.125	4.732	1.056	0.765
SSC-028B-13			50.80	1.237	21.041	33.79	24.68			2.000	7.064	4.731	1.330	0.972
SSC-029B-0			6.35	17.132	24.670	4.91	4.05			0.250	97.827	5.547	0.193	0.159
SSC-029B-1			7.94	13.309	24.622	6.09	4.75			0.313	75.997	5.536	0.240	0.187
SSC-029B-2			9.52	10.682	24.675	7.21	5.60			0.375	60.996	5.548	0.284	0.220
SSC-029B-3			11.11	8.756	24.692	8.29	6.30			0.438	49.999	5.551	0.326	0.248
SSC-029B-4			12.70	7.522	24.672	9.42	7.10			0.500	42.952	5.547	0.371	0.280
SSC-029B-5			14.29	6.561	24.669	10.53	8.00			0.563	37.465	5.546	0.415	0.315
SSC-029B-6			15.88	5.779	24.676	11.61	8.75			0.625	32.999	5.548	0.457	0.344
SSC-029B-7			17.46	5.247	24.713	12.75	9.45			0.688	29.962	5.556	0.502	0.372
SSC-029B-8			19.05	4.728	24.680	13.83	10.40			0.750	26.998	5.549	0.544	0.409
SSC-029B-9	4.57	0.74	20.64	4.374	24.713	14.99	11.10	0.180	0.029	0.813	24.977	5.556	0.590	0.437
SSC-029B-10			22.22	4.021	24.689	16.08	11.90			0.875	22.961	5.551	0.633	0.469
SSC-029B-11			23.81	3.721	24.707	17.17	12.75			0.938	21.248	5.555	0.676	0.502
SSC-029B-12			25.40	3.413	24.710	18.16	13.50			1.000	19.489	5.556	0.715	0.531
SSC-029B-13			28.58	3.060	24.694	20.51	15.00			1.125	17.474	5.552	0.807	0.591
SSC-029B-14			31.75	2.707	24.715	22.62	16.45			1.250	15.458	5.557	0.891	0.648
SSC-029B-15			34.93	2.452	24.716	24.85	18.15			1.375	14.002	5.557	0.978	0.715
SSC-029B-16			38.10	2.232	24.708	27.03	19.55			1.500	12.746	5.555	1.064	0.770
SSC-029B-17			44.45	1.883	24.705	31.33	22.50			1.750	10.753	5.554	1.233	0.886
SSC-029B-18			50.80	1.657	24.706	35.89	25.80			2.000	9.462	5.555	1.413	1.016

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-032B-1			7.94	21.330	31.355	6.47	4.90			0.313	121.798	7.049	0.255	0.193
SSC-032B-2			9.52	16.617	31.406	7.63	5.90			0.375	94.886	7.061	0.300	0.232
SSC-032B-3			11.11	13.985	31.466	8.86	6.55			0.438	79.857	7.074	0.349	0.258
SSC-032B-4			12.70	11.370	31.381	9.94	7.75			0.500	64.925	7.055	0.391	0.305
SSC-032B-5			14.29	10.144	31.446	11.19	8.55			0.563	57.924	7.070	0.441	0.337
SSC-032B-6			15.88	8.919	31.395	12.36	9.35			0.625	50.929	7.058	0.487	0.368
SSC-032B-7			17.46	8.222	31.408	13.64	10.00			0.688	46.949	7.061	0.537	0.394
SSC-032B-8			19.05	7.173	31.489	14.66	11.45			0.750	40.959	7.080	0.577	0.451
SSC-032B-9	4.57	0.81	20.64	6.472	31.519	15.77	12.20	0.180	0.032	0.813	36.957	7.086	0.621	0.480
SSC-032B-10			22.22	5.947	31.460	16.93	13.45			0.875	33.959	7.073	0.667	0.530
SSC-032B-11			23.81	5.590	31.416	18.19	14.25			0.938	31.920	7.063	0.716	0.561
SSC-032B-12			25.40	5.070	31.485	19.19	15.25			1.000	28.951	7.079	0.756	0.600
SSC-032B-13			28.58	4.550	31.486	21.66	17.10			1.125	25.982	7.079	0.853	0.673
SSC-032B-14			31.75	4.109	31.516	24.08	18.75			1.250	23.463	7.086	0.948	0.738
SSC-032B-15			34.93	3.672	31.469	26.36	20.80			1.375	20.968	7.075	1.038	0.819
SSC-032B-16			38.10	3.413	31.502	28.87	22.30			1.500	19.489	7.082	1.137	0.878
SSC-032B-17			44.45	2.883	31.511	33.52	25.25			1.750	16.463	7.084	1.320	0.994
SSC-032B-18			50.80	2.481	31.509	38.10	28.45			2.000	14.167	7.084	1.500	1.120
SSC-035B-1			9.52	24.378	40.711	7.85	6.70			0.375	139.202	9.153	0.309	0.264
SSC-035B-2			11.11	20.204	40.610	9.10	7.70			0.438	115.368	9.130	0.358	0.303
SSC-035B-3			12.70	17.290	40.632	10.35	8.70			0.500	98.729	9.135	0.407	0.343
SSC-035B-4			14.29	15.084	40.727	11.59	9.70			0.563	86.132	9.156	0.456	0.382
SSC-035B-5			15.88	13.397	40.727	12.84	10.65			0.625	76.499	9.156	0.506	0.419
SSC-035B-6			17.46	12.031	40.785	14.07	11.65			0.688	68.699	9.169	0.554	0.459
SSC-035B-7			19.05	10.933	40.780	15.32	12.65			0.750	62.430	9.168	0.603	0.498
SSC-035B-8			20.64	10.007	40.728	16.57	13.65			0.813	57.142	9.157	0.652	0.537
SSC-035B-9	4.57	0.89	22.22	9.236	40.731	17.81	14.65	0.180	0.035	0.875	52.739	9.157	0.701	0.577
SSC-035B-10			23.81	8.565	40.769	19.05	15.65			0.938	48.908	9.166	0.750	0.616
SSC-035B-11			25.40	7.995	40.775	20.30	16.65			1.000	45.653	9.167	0.799	0.656
SSC-035B-12			28.58	7.047	40.732	22.80	18.65			1.125	40.240	9.157	0.898	0.734
SSC-035B-13			31.75	6.301	40.767	25.28	20.60			1.250	35.980	9.165	0.995	0.811
SSC-035B-14			34.93	5.698	40.798	27.77	22.60			1.375	32.537	9.172	1.093	0.890
SSC-035B-15			38.10	5.200	40.768	30.26	24.60			1.500	29.693	9.166	1.191	0.969
SSC-035B-16			44.45	4.425	40.754	35.24	28.60			1.750	25.268	9.162	1.387	1.126
SSC-035B-17			50.80	3.853	40.765	40.22	32.55			2.000	22.002	9.165	1.583	1.281
SSC-035B-18			57.15	3.410	40.784	45.19	36.55			2.250	19.472	9.169	1.779	1.439
SSC-046063-1			6.70	7.162	15.685	4.51	3.41			0.264	40.897	3.527	0.178	0.134
SSC-046063-2			9.60	4.552	15.704	6.15	4.64			0.378	25.993	3.531	0.242	0.183
SSC-046063-3	4.63	0.63	14.00	2.942	15.710	8.66	6.50	0.182	0.025	0.551	16.800	3.532	0.341	0.256
SSC-046063-4			20.00	2.002	15.736	12.14	8.96			0.787	11.432	3.538	0.478	0.353
SSC-046063-5			29.00	1.352	15.737	17.36	12.67			1.142	7.721	3.538	0.683	0.499
SSC-048080-1			6.90	18.532	29.466	5.31	4.34			0.272	105.821	6.625	0.209	0.171
SSC-048080-2			9.70	11.869	29.554	7.21	5.88			0.382	67.774	6.644	0.284	0.231
SSC-048080-3	4.80	0.80	14.00	7.669	29.602	10.14	8.23	0.189	0.031	0.551	43.792	6.655	0.399	0.324
SSC-048080-4			19.50	5.219	29.592	13.83	11.34			0.768	29.802	6.653	0.544	0.446
SSC-048080-5			28.00	3.519	29.595	19.59	16.05			1.102	20.095	6.654	0.771	0.632

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WR505-1		0.30	5.00		0.911	1.90	1.60		0.012	0.197		0.205	0.075	0.063
SSC-WR510-2		0.35	10.00		2.381	1.90	1.60		0.014	0.394		0.536	0.075	0.063
SSC-WR515-3		0.35	15.00		2.717	5.76	2.80		0.014	0.591		0.611	0.227	0.110
SSC-WR520-4		0.40	20.00		4.037	6.27	4.80		0.016	0.787		0.908	0.247	0.189
SSC-WR525-5		0.45	25.00		4.910	8.30	8.00		0.018	0.984		1.104	0.327	0.315
SSC-WR530-6	5.00	0.45	30.00	0.294	5.583	11.01	8.00	0.197	0.018	1.181	1.679	1.256	0.433	0.315
SSC-WR535-7		0.50	35.00		6.527	12.80	12.50		0.020	1.378		1.468	0.504	0.492
SSC-WR540-8		0.50	40.00		7.618	14.09	12.50		0.020	1.575		1.713	0.555	0.492
SSC-WR545-9		0.55	45.00		6.997	21.20	20.90		0.022	1.772		1.574	0.835	0.823
SSC-WR550-10		0.55	50.00		8.467	21.20	20.90		0.022	1.969		1.904	0.835	0.823
SSC-WR555-11		0.55	55.00		9.834	21.55	20.90		0.022	2.165		2.211	0.848	0.823
SSC-WR560-12		0.55	60.00		9.834	26.55	20.90		0.022	2.362		2.211	1.045	0.823
SSC-WF505-1		0.35	5.00		1.323	2.30	2.00		0.014	0.197		0.298	0.091	0.079
SSC-WF510-2		0.38	10.00		3.464	2.93	2.80		0.015	0.394		0.779	0.115	0.110
SSC-WF515-3		0.40	15.00		4.038	6.76	3.40		0.016	0.591		0.908	0.266	0.134
SSC-WF520-4		0.45	20.00		5.581	8.61	5.40		0.018	0.787		1.255	0.339	0.213
SSC-WF525-5		0.50	25.00		7.615	9.46	8.50		0.020	0.984		1.712	0.372	0.335
SSC-WF530-6	5.00	0.55	30.00	0.490	8.085	13.50	13.20	0.197	0.022	1.181	2.798	1.818	0.531	0.520
SSC-WF535-7		0.55	35.00		9.834	14.93	13.20		0.022	1.378		2.211	0.588	0.520
SSC-WF540-8		0.55	40.00		9.834	19.93	13.20		0.022	1.575		2.211	0.785	0.520
SSC-WF545-9		0.60	45.00		11.907	20.70	20.40		0.024	1.772		2.677	0.815	0.803
SSC-WF550-10		0.60	50.00		12.691	24.10	20.40		0.024	1.969		2.854	0.949	0.803
SSC-WF555-11		0.60	55.00		12.691	29.10	20.40		0.024	2.165		2.854	1.146	0.803
SSC-WF560-12		0.60	60.00		12.691	34.10	20.40		0.024	2.362		2.854	1.343	0.803
SSC-WL505-1		0.40	5.00		2.354	2.60	2.30		0.016	0.197		0.530	0.102	0.091
SSC-WL510-2		0.45	10.00		5.582	4.31	3.40		0.018	0.394		1.255	0.170	0.134
SSC-WL515-3		0.50	15.00		7.622	7.23	5.00		0.020	0.591		1.714	0.285	0.197
SSC-WL520-4		0.55	20.00		9.839	9.97	7.70		0.022	0.787		2.212	0.393	0.303
SSC-WL525-5		0.60	25.00		12.704	12.05	10.80		0.024	0.984		2.856	0.474	0.425
SSC-WL530-6	5.00	0.60	30.00	0.981	12.704	17.05	10.80	0.197	0.024	1.181	5.602	2.856	0.671	0.425
SSC-WL535-7		0.65	35.00		16.049	18.64	15.60		0.026	1.378		3.608	0.734	0.614
SSC-WL540-8		0.65	40.00		16.049	23.64	15.60		0.026	1.575		3.608	0.931	0.614
SSC-WL545-9		0.70	45.00		19.424	25.20	23.10		0.028	1.772		4.367	0.992	0.909
SSC-WL550-10		0.70	50.00		19.424	30.20	23.10		0.028	1.969		4.367	1.189	0.909
SSC-WL555-11		0.70	55.00		19.424	35.20	23.10		0.028	2.165		4.367	1.386	0.909
SSC-WL560-12		0.75	60.00		23.730	35.81	33.00		0.030	2.362		5.335	1.410	1.299
SSC-WT505-1		0.45	5.00		4.589	2.66	2.36		0.018	0.197		1.032	0.105	0.093
SSC-WT510-2		0.50	10.00		7.609	6.12	3.25		0.020	0.394		1.711	0.241	0.128
SSC-WT515-3		0.60	15.00		12.688	8.53	6.30		0.024	0.591		2.853	0.336	0.248
SSC-WT520-4		0.60	20.00		12.688	13.53	6.30		0.024	0.787		2.853	0.533	0.248
SSC-WT525-5		0.70	25.00		19.414	15.10	12.60		0.028	0.984		4.365	0.594	0.496
SSC-WT530-6	5.00	0.70	30.00	1.961	19.414	20.10	12.60	0.197	0.028	1.181	11.198	4.365	0.791	0.496
SSC-WT535-7		0.75	35.00		23.708	22.91	17.30		0.030	1.378		5.330	0.902	0.681
SSC-WT540-8		0.75	40.00		23.708	27.91	17.30		0.030	1.575		5.330	1.099	0.681
SSC-WT545-9		0.80	45.00		28.572	30.43	24.00		0.031	1.772		6.424	1.198	0.945
SSC-WT550-10		0.80	50.00		28.572	35.43	24.00		0.031	1.969		6.424	1.395	0.945
SSC-WT555-11		0.85	55.00		33.141	38.10	34.00		0.033	2.165		7.451	1.500	1.339
SSC-WT560-12		0.85	60.00		33.141	43.10	34.00		0.033	2.362		7.451	1.697	1.339

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WM505-1		0.50	5.00		5.590	3.10	2.80		0.020	0.197		1.257	0.122	0.110
SSC-WM510-2		0.60	10.00		12.680	5.69	4.30		0.024	0.394		2.851	0.224	0.169
SSC-WM515-3		0.65	15.00		16.034	9.55	6.50		0.026	0.591		3.605	0.376	0.256
SSC-WM520-4		0.65	20.00		16.034	14.55	6.50		0.026	0.787		3.605	0.573	0.256
SSC-WM525-5		0.70	25.00		19.417	18.40	9.10		0.028	0.984		4.366	0.724	0.358
SSC-WM530-6		0.75	30.00		23.713	21.94	12.70		0.030	1.181		5.331	0.864	0.500
SSC-WM535-7	5.00	0.80	35.00	2.942	28.567	25.29	17.40	0.197	0.031	1.378	16.800	6.423	0.996	0.685
SSC-WM540-8		0.85	40.00		33.156	28.73	23.80		0.033	1.575		7.454	1.131	0.937
SSC-WM545-9		0.85	45.00		33.156	33.73	23.80		0.033	1.772		7.454	1.328	0.937
SSC-WM550-10		0.85	50.00		33.156	38.73	23.80		0.033	1.969		7.454	1.525	0.937
SSC-WM555-11		0.90	55.00		39.040	41.73	30.80		0.035	2.165		8.777	1.643	1.213
SSC-WM560-12		0.90	60.00		39.040	46.73	30.80		0.035	2.362		8.777	1.840	1.213
SSC-WM565-13		0.90	65.00		39.040	51.73	30.80		0.035	2.559		8.777	2.037	1.213
SSC-WM570-14		0.90	70.00		39.040	56.73	30.80		0.035	2.756		8.777	2.233	1.213
SSC-WH505-1		0.60	5.00		8.238	3.60	3.30		0.024	0.197		1.852	0.142	0.130
SSC-WH510-2		0.70	10.00		19.417	6.70	5.50		0.028	0.394		4.366	0.264	0.217
SSC-WH515-3		0.75	15.00		23.713	10.97	7.50		0.030	0.591		5.331	0.432	0.295
SSC-WH520-4	5.00	0.75	20.00	5.884	23.713	15.97	7.50	0.197	0.030	0.787	33.599	5.331	0.629	0.295
SSC-WH525-5		0.85	25.00		33.127	19.37	13.60		0.033	0.984		7.448	0.763	0.535
SSC-WH530-6		0.85	30.00		33.127	24.37	13.60		0.033	1.181		7.448	0.959	0.535
SSC-WH535-7		0.90	35.00		39.011	28.37	17.10		0.035	1.378		8.771	1.117	0.673
SSC-WH540-8		0.90	40.00		39.011	33.37	17.10		0.035	1.575		8.771	1.314	0.673
SSC-WB505-1		0.65	5.00		15.985	3.37	3.30		0.026	0.197		3.594	0.133	0.130
SSC-WB510-2		0.80	10.00		28.538	7.09	7.00		0.031	0.394		6.416	0.279	0.276
SSC-WB515-3		0.80	15.00		28.538	12.09	7.00		0.031	0.591		6.416	0.476	0.276
SSC-WB520-4	5.00	0.90	20.00	9.807	39.032	16.02	13.00	0.197	0.035	0.787	56.000	8.775	0.631	0.512
SSC-WB525-5		0.90	25.00		39.032	21.02	13.00		0.035	0.984		8.775	0.828	0.512
SSC-WB530-6		1.00	30.00		46.093	25.30	25.00		0.039	1.181		10.363	0.996	0.984
SSC-WB535-7		1.00	35.00		52.566	29.64	25.00		0.039	1.378		11.818	1.167	0.984
SSC-WB540-8		1.00	40.00		52.566	34.64	25.00		0.039	1.575		11.818	1.364	0.984
SSC-014BB-1			6.35	0.668	2.953	1.93	1.62			0.250	3.815	0.664	0.076	0.064
SSC-014BB-2			7.94	0.514	2.956	2.19	1.89			0.313	2.936	0.665	0.086	0.074
SSC-014BB-3			9.52	0.417	2.952	2.44	2.16			0.375	2.382	0.664	0.096	0.085
SSC-014BB-4			11.11	0.334	2.769	2.82	2.52			0.438	1.908	0.623	0.111	0.099
SSC-014BB-5			12.70	0.304	2.961	2.96	2.70			0.500	1.736	0.666	0.117	0.106
SSC-014BB-6			14.29	0.267	2.953	3.23	2.97			0.563	1.525	0.664	0.127	0.117
SSC-014BB-7			15.88	0.239	2.961	3.49	3.24			0.625	1.365	0.666	0.137	0.128
SSC-014BB-8	5.00	0.36	17.46	0.209	2.834	3.90	3.60	0.197	0.014	0.688	1.194	0.638	0.154	0.142
SSC-014BB-9			19.05	0.186	2.751	4.26	3.96			0.750	1.063	0.619	0.168	0.156
SSC-014BB-10			22.22	0.163	2.854	4.71	4.41			0.875	0.931	0.642	0.185	0.174
SSC-014BB-11			25.40	0.142	2.861	5.25	4.95			1.000	0.811	0.644	0.207	0.195
SSC-014BB-12			31.75	0.111	2.812	6.42	6.12			1.250	0.634	0.633	0.253	0.241
SSC-014BB-13			38.10	0.093	2.846	7.50	7.20			1.500	0.532	0.640	0.295	0.283
SSC-014BB-14			41.28	0.086	2.859	8.04	7.74			1.625	0.492	0.643	0.317	0.305
SSC-014BB-15			44.45	0.080	2.870	8.58	8.28			1.750	0.457	0.646	0.338	0.326
SSC-014BB-16			50.80	0.070	2.880	9.66	9.36			2.000	0.400	0.648	0.380	0.369

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-016BB-1			6.35	1.161	4.238	2.70	1.85			0.250	6.630	0.953	0.106	0.073
SSC-016BB-2			7.94	0.893	4.242	3.19	2.15			0.313	5.100	0.954	0.126	0.085
SSC-016BB-3			9.52	0.726	4.240	3.68	2.46			0.375	4.146	0.954	0.145	0.097
SSC-016BB-4			11.11	0.580	4.240	3.80	2.87			0.438	3.312	0.954	0.150	0.113
SSC-016BB-5			12.70	0.528	4.245	4.66	3.08			0.500	3.015	0.955	0.183	0.121
SSC-016BB-6			14.29	0.464	4.236	5.16	3.38			0.563	2.650	0.953	0.203	0.133
SSC-016BB-7			15.88	0.415	4.245	5.65	3.69			0.625	2.370	0.955	0.222	0.145
SSC-016BB-8	5.00	0.41	17.46	0.363	4.243	5.77	4.10	0.197	0.016	0.688	2.073	0.954	0.227	0.161
SSC-016BB-9			19.05	0.332	4.246	6.26	4.41			0.750	1.896	0.955	0.246	0.174
SSC-016BB-10			22.22	0.283	4.239	7.24	5.02			0.875	1.616	0.954	0.285	0.198
SSC-016BB-11			25.40	0.232	4.239	7.13	5.95			1.000	1.325	0.953	0.281	0.234
SSC-016BB-12			31.75	0.193	4.232	9.82	6.97			1.250	1.103	0.952	0.387	0.274
SSC-016BB-13			38.10	0.161	4.236	11.79	8.20			1.500	0.920	0.953	0.464	0.323
SSC-016BB-14			41.28	0.149	4.248	12.77	8.82			1.625	0.851	0.955	0.503	0.347
SSC-016BB-15			44.45	0.138	4.237	13.75	9.43			1.750	0.789	0.953	0.541	0.371
SSC-016BB-16			50.80	0.121	4.246	15.71	10.66			2.000	0.691	0.955	0.619	0.420
SSC-020BB-1			6.35	2.969	7.868	3.70	2.30			0.250	16.954	1.769	0.146	0.091
SSC-020BB-2			7.94	2.284	7.880	4.49	2.68			0.313	13.042	1.772	0.177	0.106
SSC-020BB-3			9.52	1.856	7.869	5.28	3.06			0.375	10.599	1.770	0.208	0.120
SSC-020BB-4			11.11	1.485	7.885	5.80	3.57			0.438	8.480	1.773	0.228	0.141
SSC-020BB-5			12.70	1.350	7.884	6.86	3.83			0.500	7.709	1.773	0.270	0.151
SSC-020BB-6			14.29	1.188	7.876	7.66	4.21			0.563	6.784	1.771	0.302	0.166
SSC-020BB-7			15.88	1.060	7.876	8.45	4.59			0.625	6.053	1.771	0.333	0.181
SSC-020BB-8	5.00	0.51	17.46	0.928	7.879	8.97	5.10	0.197	0.020	0.688	5.300	1.772	0.353	0.201
SSC-020BB-9			19.05	0.848	7.878	9.76	5.48			0.750	4.843	1.772	0.384	0.216
SSC-020BB-10			22.22	0.724	7.877	11.34	6.25			0.875	4.135	1.771	0.446	0.246
SSC-020BB-11			25.40	0.632	7.881	12.93	7.01			1.000	3.609	1.772	0.509	0.276
SSC-020BB-12			31.75	0.495	7.885	15.82	8.67			1.250	2.827	1.773	0.623	0.341
SSC-020BB-13			38.10	0.412	7.873	18.99	10.20			1.500	2.353	1.770	0.748	0.402
SSC-020BB-14			41.28	0.381	7.891	20.57	10.97			1.625	2.176	1.774	0.810	0.432
SSC-020BB-15			44.45	0.353	7.872	22.15	11.73			1.750	2.016	1.770	0.872	0.462
SSC-020BB-16			50.80	0.309	7.873	25.32	13.26			2.000	1.765	1.770	0.997	0.522
SSC-024BB-1			6.35	6.917	13.281	4.43	2.65			0.250	39.498	2.986	0.174	0.104
SSC-024BB-2			7.94	5.079	13.307	5.32	3.17			0.313	29.002	2.992	0.209	0.125
SSC-024BB-3			9.52	4.064	13.330	6.24	3.66			0.375	23.207	2.997	0.246	0.144
SSC-024BB-4			11.11	3.422	13.312	7.22	4.12			0.438	19.541	2.993	0.284	0.162
SSC-024BB-5			12.70	2.955	13.327	8.19	4.58			0.500	16.874	2.997	0.322	0.180
SSC-024BB-6			14.29	2.501	13.330	8.96	5.19			0.563	14.282	2.997	0.353	0.204
SSC-024BB-7			15.88	2.242	13.317	9.94	5.64			0.625	12.803	2.994	0.391	0.222
SSC-024BB-8	5.00	0.61	17.46	2.032	13.330	10.90	6.10	0.197	0.024	0.688	11.604	2.997	0.429	0.240
SSC-024BB-9			19.05	1.858	13.322	11.88	6.56			0.750	10.610	2.995	0.468	0.258
SSC-024BB-10			22.22	1.548	13.328	13.61	7.63			0.875	8.840	2.997	0.536	0.300
SSC-024BB-11			25.40	1.355	13.333	15.56	8.54			1.000	7.738	2.998	0.613	0.336
SSC-024BB-12			31.75	1.066	13.336	19.24	10.52			1.250	6.088	2.998	0.757	0.414
SSC-024BB-13			38.10	0.879	13.334	22.93	12.51			1.500	5.020	2.998	0.903	0.493
SSC-024BB-14			41.28	0.803	13.338	24.67	13.57			1.625	4.586	2.999	0.971	0.534
SSC-024BB-15			44.45	0.747	13.326	26.61	14.49			1.750	4.266	2.996	1.048	0.570
SSC-024BB-16			50.80	0.650	13.325	30.30	16.47			2.000	3.712	2.996	1.193	0.648

Spring rates and loads are for music wire.
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Singapore Spring Pte Ltd
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-028BB-1			6.35	11.997	19.315	4.74	3.15			0.250	68.505	4.343	0.187	0.124
SSC-028BB-2			7.94	8.744	19.412	5.72	3.80			0.313	49.930	4.364	0.225	0.150
SSC-028BB-3			9.52	6.975	19.391	6.74	4.41			0.375	39.829	4.360	0.265	0.174
SSC-028BB-4			11.11	5.713	19.367	7.72	5.08			0.438	32.623	4.354	0.304	0.200
SSC-028BB-5			12.70	4.877	19.410	8.72	5.71			0.500	27.849	4.364	0.343	0.225
SSC-028BB-6			14.29	4.224	19.388	9.70	6.37			0.563	24.120	4.359	0.382	0.251
SSC-028BB-7	5.00	0.70	15.88	3.749	19.420	10.70	7.00	0.197	0.028	0.625	21.408	4.366	0.421	0.276
SSC-028BB-8			19.05	3.061	19.407	12.71	8.26			0.750	17.479	4.363	0.500	0.325
SSC-028BB-9			20.64	2.803	19.397	13.72	8.89			0.813	16.006	4.361	0.540	0.350
SSC-028BB-10			22.22	2.553	19.403	14.62	9.63			0.875	14.579	4.362	0.576	0.379
SSC-028BB-11			25.40	2.222	19.420	16.66	10.85			1.000	12.688	4.366	0.656	0.427
SSC-028BB-12			31.75	1.739	19.407	20.59	13.48			1.250	9.930	4.363	0.811	0.531
SSC-028BB-13			44.45	1.224	19.413	28.59	18.55			1.750	6.990	4.365	1.126	0.730
SSC-028BB-14			50.80	1.062	19.424	32.51	21.18			2.000	6.065	4.367	1.280	0.834
SSC-031BB-1			6.35	21.964	28.553	5.05	3.60			0.250	125.418	6.420	0.199	0.142
SSC-031BB-2			7.94	16.391	28.520	6.20	4.28			0.313	93.595	6.412	0.244	0.169
SSC-031BB-3			9.52	13.328	28.522	7.38	4.90			0.375	76.105	6.412	0.291	0.193
SSC-031BB-4			11.11	10.982	28.553	8.51	5.60			0.438	62.709	6.420	0.335	0.220
SSC-031BB-5			12.70	9.467	28.496	9.69	6.24			0.500	54.058	6.407	0.381	0.246
SSC-031BB-6			14.29	8.320	28.538	10.86	6.88			0.563	47.509	6.416	0.428	0.271
SSC-031BB-7			15.88	7.370	28.522	12.01	7.56			0.625	42.084	6.412	0.473	0.298
SSC-031BB-8	5.00	0.80	17.46	6.616	28.581	13.14	8.24	0.197	0.031	0.688	37.779	6.426	0.517	0.324
SSC-031BB-9			19.05	6.034	28.541	14.32	8.88			0.750	34.456	6.417	0.564	0.350
SSC-031BB-10			22.22	5.084	28.572	16.60	10.24			0.875	29.031	6.424	0.654	0.403
SSC-031BB-11			25.40	4.428	28.561	18.95	11.52			1.000	25.285	6.421	0.746	0.454
SSC-031BB-12			31.75	3.486	28.550	23.56	14.20			1.250	19.906	6.419	0.928	0.559
SSC-031BB-13			38.10	2.890	28.582	28.21	16.80			1.500	16.503	6.426	1.111	0.661
SSC-031BB-14			41.28	2.646	28.577	30.48	18.20			1.625	15.110	6.425	1.200	0.717
SSC-031BB-15			44.45	2.451	28.579	32.79	19.52			1.750	13.996	6.425	1.291	0.769
SSC-031BB-16			50.80	2.132	28.569	37.40	22.20			2.000	12.175	6.423	1.472	0.874
SSC-039BB-1			7.60	45.482	52.304	6.45	5.41			0.299	259.709	11.759	0.254	0.213
SSC-039BB-2			10.80	28.940	52.381	8.99	7.36			0.425	165.252	11.776	0.354	0.290
SSC-039BB-3	5.00	1.00	16.00	21.222	52.631	13.52	9.31	0.197	0.039	0.630	121.181	11.832	0.532	0.367
SSC-039BB-4			17.30	16.758	52.620	14.16	11.26			0.681	95.691	11.830	0.557	0.443
SSC-039BB-5			26.90	10.268	52.572	21.78	17.11			1.059	58.632	11.819	0.857	0.674
SSC-039BB-6			33.00	8.161	52.557	26.56	21.01			1.299	46.601	11.816	1.046	0.827

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



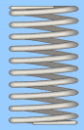
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-016BC-1			6.35	0.912	3.985	1.98	1.83			0.250	5.208	0.896	0.078	0.072
SSC-016BC-2			7.94	0.696	3.988	2.21	2.13			0.313	3.975	0.897	0.087	0.084
SSC-016BC-3			9.52	0.530	3.540	2.84	2.54			0.375	3.027	0.796	0.112	0.100
SSC-016BC-4			12.70	0.382	3.495	3.55	3.25			0.500	2.182	0.786	0.140	0.128
SSC-016BC-5			14.29	0.353	3.721	3.75	3.45			0.563	2.016	0.837	0.148	0.136
SSC-016BC-6			15.88	0.304	3.563	4.16	3.86			0.625	1.736	0.801	0.164	0.152
SSC-016BC-7	5.33	0.41	17.46	0.294	3.840	4.40	4.10	0.210	0.016	0.688	1.679	0.864	0.173	0.161
SSC-016BC-8			19.05	0.255	3.641	4.77	4.47			0.750	1.457	0.819	0.188	0.176
SSC-016BC-9			23.81	0.216	3.994	5.32	5.08			0.938	1.234	0.898	0.209	0.200
SSC-016BC-10			25.40	0.186	3.610	5.99	5.69			1.000	1.063	0.812	0.236	0.224
SSC-016BC-11			28.58	0.177	3.912	6.48	6.18			1.125	1.011	0.880	0.255	0.243
SSC-016BC-12			31.75	0.147	3.599	7.27	6.97			1.250	0.840	0.809	0.286	0.274
SSC-016BC-13			38.10	0.127	3.768	8.43	8.13			1.500	0.726	0.848	0.332	0.320
SSC-018BC-1			6.35	1.944	5.599	3.47	1.90			0.250	11.101	1.259	0.137	0.075
SSC-018BC-2			7.94	1.506	5.602	4.22	2.15			0.313	8.600	1.260	0.166	0.085
SSC-018BC-3			9.52	1.226	5.603	4.95	2.45			0.375	7.001	1.260	0.195	0.096
SSC-018BC-4			11.11	1.033	5.599	5.69	2.70			0.438	5.899	1.259	0.224	0.106
SSC-018BC-5			12.70	0.893	5.599	6.43	3.00			0.500	5.100	1.259	0.253	0.118
SSC-018BC-6			14.29	0.788	5.603	7.18	3.25			0.563	4.500	1.260	0.283	0.128
SSC-018BC-7	5.33	0.46	15.88	0.701	5.608	7.88	3.55	0.210	0.018	0.625	4.003	1.261	0.310	0.140
SSC-018BC-8			17.46	0.648	5.605	8.81	3.80			0.688	3.701	1.261	0.347	0.150
SSC-018BC-9			19.05	0.578	5.601	9.36	4.10			0.750	3.301	1.260	0.369	0.161
SSC-018BC-10			20.64	0.543	5.604	10.32	4.35			0.813	3.101	1.260	0.406	0.171
SSC-018BC-11			22.22	0.490	5.601	10.79	4.65			0.875	2.798	1.260	0.425	0.183
SSC-018BC-12			25.40	0.438	5.606	12.60	5.20			1.000	2.502	1.261	0.496	0.205
SSC-018BC-13			31.75	0.350	5.600	15.75	6.30			1.250	1.999	1.259	0.620	0.248
SSC-018BC-14			38.10	0.280	5.600	18.10	7.40			1.500	1.599	1.259	0.713	0.291
SSC-020BC-1			6.35	2.400	7.416	3.26	2.30			0.250	13.706	1.668	0.128	0.090
SSC-020BC-2			7.94	1.846	7.404	3.93	2.68			0.313	10.543	1.665	0.155	0.105
SSC-020BC-3			9.52	1.500	7.410	4.58	3.06			0.375	8.566	1.666	0.180	0.120
SSC-020BC-4			11.11	1.200	7.416	4.93	3.57			0.438	6.853	1.668	0.194	0.141
SSC-020BC-5			12.70	1.044	7.420	5.59	3.95			0.500	5.959	1.668	0.220	0.156
SSC-020BC-6			14.29	0.923	7.413	6.26	4.34			0.563	5.272	1.667	0.246	0.171
SSC-020BC-7			15.88	0.828	7.416	6.92	4.72			0.625	4.726	1.668	0.272	0.186
SSC-020BC-8	5.33	0.51	17.46	0.736	7.421	7.38	5.18	0.210	0.020	0.688	4.205	1.669	0.291	0.204
SSC-020BC-9			19.05	0.667	7.420	7.92	5.61			0.750	3.808	1.669	0.312	0.221
SSC-020BC-10			22.22	0.558	7.418	8.93	6.50			0.875	3.188	1.668	0.352	0.256
SSC-020BC-11			25.40	0.490	7.421	10.25	7.27			1.000	2.797	1.669	0.404	0.286
SSC-020BC-12			31.75	0.387	7.421	12.58	8.93			1.250	2.211	1.669	0.495	0.351
SSC-020BC-13			38.10	0.320	7.421	14.91	10.58			1.500	1.828	1.669	0.587	0.417
SSC-020BC-14			44.45	0.273	7.419	17.25	12.24			1.750	1.558	1.668	0.679	0.482
SSC-020BC-15			50.80	0.238	7.419	19.58	13.90			2.000	1.357	1.668	0.771	0.547

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-022BC-00			6.35	3.472	9.756	3.54	2.85			0.250	19.826	2.194	0.139	0.112
SSC-022BC-0			7.94	2.658	9.755	4.27	3.30			0.313	15.178	2.193	0.168	0.130
SSC-022BC-1			9.52	2.142	9.746	4.97	3.55			0.375	12.232	2.192	0.196	0.140
SSC-022BC-2			11.11	1.834	9.775	5.78	3.95			0.438	10.473	2.198	0.228	0.156
SSC-022BC-3			12.70	1.569	9.759	6.48	4.40			0.500	8.960	2.194	0.255	0.173
SSC-022BC-4			14.29	1.383	9.764	7.23	4.90			0.563	7.898	2.196	0.285	0.193
SSC-022BC-5	5.33	0.56	15.88	1.226	9.771	7.91	5.30	0.210	0.022	0.625	7.001	2.197	0.311	0.209
SSC-022BC-6			17.46	1.098	9.761	8.57	5.80			0.688	6.270	2.195	0.337	0.228
SSC-022BC-7			19.05	1.000	9.770	9.28	6.25			0.750	5.711	2.197	0.365	0.246
SSC-022BC-8			20.64	0.919	9.769	10.01	6.70			0.813	5.248	2.197	0.394	0.264
SSC-022BC-9			25.40	0.735	9.761	12.12	8.05			1.000	4.197	2.195	0.477	0.317
SSC-022BC-10			31.75	0.598	9.765	15.42	9.90			1.250	3.415	2.196	0.607	0.390
SSC-022BC-11			38.10	0.482	9.780	17.81	12.10			1.500	2.753	2.199	0.701	0.476
SSC-026BC-00			6.35	6.727	15.405	4.06	3.50			0.250	38.413	3.464	0.160	0.138
SSC-026BC-0			7.94	5.129	15.438	4.93	4.05			0.313	29.288	3.471	0.194	0.159
SSC-026BC-1			9.52	4.109	15.450	5.76	4.45			0.375	23.463	3.474	0.227	0.175
SSC-026BC-2			11.11	3.462	15.441	6.65	5.10			0.438	19.769	3.472	0.262	0.201
SSC-026BC-3			12.70	2.971	15.449	7.50	5.70			0.500	16.965	3.474	0.295	0.224
SSC-026BC-4			14.29	2.618	15.446	8.39	6.25			0.563	14.950	3.473	0.330	0.246
SSC-026BC-5	5.33	0.66	15.88	2.275	15.447	9.09	6.90	0.210	0.026	0.625	12.991	3.473	0.358	0.272
SSC-026BC-6			17.46	2.099	15.449	10.10	7.45			0.688	11.986	3.473	0.398	0.293
SSC-026BC-7			19.05	1.922	15.453	11.01	8.10			0.750	10.975	3.474	0.433	0.319
SSC-026BC-8			20.64	1.746	15.452	11.79	8.75			0.813	9.970	3.474	0.464	0.344
SSC-026BC-9			25.40	1.402	15.450	14.38	10.55			1.000	8.006	3.474	0.566	0.415
SSC-026BC-10			31.75	1.098	15.449	17.68	12.95			1.250	6.270	3.474	0.696	0.510
SSC-026BC-11			38.10	0.919	15.448	21.29	15.35			1.500	5.248	3.473	0.838	0.604
SSC-029BC-1			6.35	12.319	21.435	4.61	3.33			0.250	70.344	4.819	0.181	0.131
SSC-029BC-2			7.94	9.193	21.512	5.60	3.96			0.313	52.494	4.837	0.220	0.156
SSC-029BC-3			9.52	7.512	21.484	6.66	4.51			0.375	42.895	4.830	0.262	0.178
SSC-029BC-4			11.11	6.160	21.498	7.62	5.18			0.438	35.175	4.834	0.300	0.204
SSC-029BC-5			12.70	5.356	21.531	8.68	5.74			0.500	30.584	4.841	0.342	0.226
SSC-029BC-6			14.29	4.666	21.510	9.68	6.36			0.563	26.644	4.836	0.381	0.251
SSC-029BC-7			15.88	4.134	21.538	10.67	6.99			0.625	23.606	4.842	0.420	0.275
SSC-029BC-8	5.33	0.74	17.46	3.733	21.539	11.69	7.59	0.210	0.029	0.688	21.316	4.843	0.460	0.299
SSC-029BC-9			19.05	3.403	21.507	12.73	8.18			0.750	19.432	4.835	0.501	0.322
SSC-029BC-10			20.64	3.102	21.528	13.70	8.83			0.813	17.713	4.840	0.539	0.348
SSC-029BC-11			25.40	2.494	21.523	16.77	10.62			1.000	14.242	4.839	0.660	0.418
SSC-029BC-12			31.75	1.955	21.525	20.74	13.14			1.250	11.164	4.839	0.817	0.517
SSC-029BC-13			38.10	1.621	21.527	24.82	15.54			1.500	9.257	4.840	0.977	0.612
SSC-029BC-14			41.28	1.488	21.531	26.81	16.80			1.625	8.497	4.841	1.056	0.661
SSC-029BC-15			44.45	1.384	21.535	28.89	17.95			1.750	7.903	4.842	1.137	0.706
SSC-029BC-16			50.80	1.208	21.539	32.97	20.35			2.000	6.898	4.843	1.298	0.801
SSC-054040-1			10.50	0.599	3.744	4.25	2.16			0.413	3.421	0.842	0.167	0.085
SSC-054040-2			16.00	0.381	3.760	6.13	2.94			0.630	2.176	0.846	0.241	0.116
SSC-054040-3	5.40	0.40	24.00	0.249	3.735	9.00	4.05	0.213	0.016	0.945	1.422	0.840	0.354	0.159
SSC-054040-4			35.00	0.169	3.730	12.93	5.59			1.378	0.966	0.839	0.509	0.220
SSC-054040-5			53.00	0.109	3.718	18.89	8.20			2.087	0.623	0.836	0.744	0.323

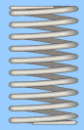
Spring rates and loads are for music wire.
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Singapore Spring Pte Ltd
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-055050-1			9.40	1.461	6.969	4.63	2.70			0.370	8.343	1.567	0.182	0.106
SSC-055050-2			14.00	0.931	6.964	6.52	3.67			0.551	5.317	1.566	0.257	0.144
SSC-055050-3	5.50	0.50	20.50	0.609	6.949	9.09	5.07	0.217	0.020	0.807	3.478	1.563	0.358	0.200
SSC-055050-4			30.00	0.411	6.979	13.02	7.06			1.181	2.347	1.569	0.513	0.278
SSC-055050-5			44.50	0.271	6.989	18.71	10.20			1.752	1.548	1.572	0.737	0.402
SSC-056063-1			8.50	3.691	13.103	4.95	3.40			0.335	21.077	2.946	0.195	0.134
SSC-056063-2			12.50	2.351	13.119	6.92	4.62			0.492	13.425	2.950	0.272	0.182
SSC-056063-3	5.63	0.63	18.50	1.551	13.121	10.04	6.35	0.222	0.025	0.728	8.857	2.950	0.395	0.250
SSC-056063-4			26.00	1.031	13.135	13.26	8.92			1.024	5.888	2.953	0.522	0.351
SSC-056063-5			38.50	0.701	13.137	19.76	12.53			1.516	4.003	2.954	0.778	0.493
SSC-020BD-1			7.94	1.565	6.839	3.57	2.50			0.313	8.937	1.538	0.141	0.098
SSC-020BD-2			11.11	1.107	6.841	4.93	3.11			0.438	6.322	1.538	0.194	0.122
SSC-020BD-3			15.88	0.698	6.840	6.08	4.34			0.625	3.986	1.538	0.239	0.171
SSC-020BD-4	5.80	0.51	19.05	0.567	6.844	6.98	5.10	0.228	0.020	0.750	3.238	1.539	0.275	0.201
SSC-020BD-5			25.40	0.413	6.852	8.81	6.63			1.000	2.359	1.541	0.347	0.261
SSC-020BD-6			38.10	0.267	6.846	12.46	9.69			1.500	1.525	1.540	0.491	0.381
SSC-020BD-7			50.80	0.197	6.836	16.10	12.75			2.000	1.125	1.537	0.634	0.502
SSC-026BD-1			7.94	4.790	14.226	4.97	3.23			0.313	27.352	3.199	0.196	0.127
SSC-026BD-2			9.52	3.750	14.213	5.73	3.76			0.375	21.414	3.196	0.226	0.148
SSC-026BD-3			11.11	3.388	14.263	6.90	4.03			0.438	19.346	3.207	0.272	0.159
SSC-026BD-4			12.70	2.780	14.261	7.57	4.62			0.500	15.875	3.207	0.298	0.182
SSC-026BD-5			14.29	2.525	14.241	8.65	4.95			0.563	14.419	3.202	0.341	0.195
SSC-026BD-6			15.88	2.141	14.280	9.21	5.61			0.625	12.226	3.211	0.363	0.221
SSC-026BD-7			17.46	1.855	14.284	9.76	6.27			0.688	10.593	3.212	0.384	0.247
SSC-026BD-8	5.80	0.66	19.05	1.739	14.277	10.84	6.60	0.228	0.026	0.750	9.930	3.210	0.427	0.260
SSC-026BD-9			20.64	1.544	14.267	11.40	7.26			0.813	8.817	3.208	0.449	0.286
SSC-026BD-10			22.22	1.391	14.286	11.95	7.92			0.875	7.943	3.212	0.470	0.312
SSC-026BD-11			25.40	1.265	14.282	14.11	8.58			1.000	7.224	3.211	0.556	0.338
SSC-026BD-12			31.75	0.994	14.284	17.38	10.56			1.250	5.676	3.212	0.684	0.416
SSC-026BD-13			38.10	0.818	14.274	20.65	12.54			1.500	4.671	3.209	0.813	0.494
SSC-026BD-14			44.45	0.696	14.296	23.91	14.52			1.750	3.975	3.214	0.941	0.572
SSC-026BD-15			50.80	0.605	14.290	27.18	16.50			2.000	3.455	3.213	1.070	0.650

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-031BD-1			6.35	13.018	24.995	4.43	3.60			0.250	74.335	5.619	0.174	0.142
SSC-031BD-2			8.30	9.299	25.014	5.61	4.40			0.327	53.099	5.624	0.221	0.173
SSC-031BD-3			9.52	7.938	25.005	6.37	4.88			0.375	45.328	5.622	0.251	0.192
SSC-031BD-4			11.11	6.509	24.995	7.27	5.60			0.438	37.168	5.619	0.286	0.220
SSC-031BD-5			12.00	5.917	24.970	7.78	6.00			0.472	33.787	5.614	0.306	0.236
SSC-031BD-6			14.29	4.931	25.000	9.22	6.88			0.563	28.157	5.621	0.363	0.271
SSC-031BD-7			15.88	4.398	25.025	10.19	7.52			0.625	25.114	5.626	0.401	0.296
SSC-031BD-8	5.80	0.80	17.46	3.945	25.011	11.12	8.20	0.228	0.031	0.687	22.527	5.623	0.438	0.323
SSC-031BD-9			19.05	3.616	25.023	12.13	8.80			0.750	20.648	5.626	0.478	0.346
SSC-031BD-10			22.22	3.027	25.003	13.96	10.20			0.875	17.285	5.621	0.550	0.402
SSC-031BD-11			25.40	2.635	25.006	15.91	11.48			1.000	15.047	5.622	0.626	0.452
SSC-031BD-12			36.00	1.808	25.023	22.16	16.00			1.417	10.324	5.626	0.872	0.630
SSC-031BD-13			38.10	1.713	25.027	23.49	16.80			1.500	9.782	5.627	0.925	0.661
SSC-031BD-14			41.28	1.568	25.010	25.33	18.20			1.625	8.954	5.623	0.997	0.717
SSC-031BD-15			44.45	1.463	25.017	27.35	19.40			1.750	8.354	5.625	1.077	0.764
SSC-031BD-16			50.80	1.264	25.027	31.00	22.20			2.000	7.218	5.627	1.220	0.874
SSC-WR605-1		0.32	5.00		0.911	1.90	1.60		0.013	0.197		0.205	0.075	0.063
SSC-WR610-2		0.40	10.00		1.911	3.50	3.20		0.016	0.394		0.430	0.138	0.126
SSC-WR615-3		0.40	15.00		3.387	3.48	3.20		0.016	0.591		0.762	0.137	0.126
SSC-WR620-4		0.50	20.00		3.587	7.80	7.50		0.020	0.787		0.807	0.307	0.295
SSC-WR625-5		0.50	25.00		5.057	7.80	7.50		0.020	0.984		1.137	0.307	0.295
SSC-WR630-6		0.50	30.00		6.403	8.22	7.50		0.020	1.181		1.440	0.324	0.295
SSC-WR635-7	6.00	0.55	35.00	0.294	6.791	11.90	11.60	0.236	0.022	1.378	1.679	1.527	0.469	0.457
SSC-WR640-8		0.55	40.00		8.279	11.84	11.60		0.022	1.575		1.862	0.466	0.457
SSC-WR645-9		0.60	45.00		7.879	18.20	17.90		0.024	1.772		1.772	0.717	0.705
SSC-WR650-10		0.60	50.00		9.349	18.20	17.90		0.024	1.969		2.102	0.717	0.705
SSC-WR655-11		0.60	55.00		10.702	18.60	17.90		0.024	2.165		2.406	0.732	0.705
SSC-WR660-12		0.60	60.00		10.702	23.60	17.90		0.024	2.362		2.406	0.929	0.705
SSC-WR665-13		0.60	65.00		10.702	28.60	17.90		0.024	2.559		2.406	1.126	0.705
SSC-WR670-14		0.60	70.00		10.702	33.60	17.90		0.024	2.756		2.406	1.323	0.705
SSC-WF605-1		0.40	5.00		1.176	2.60	2.30		0.016	0.197		0.265	0.102	0.091
SSC-WF610-2		0.50	10.00		2.303	5.30	5.00		0.020	0.394		0.518	0.209	0.197
SSC-WF615-3		0.55	15.00		3.283	8.30	8.00		0.022	0.591		0.739	0.327	0.315
SSC-WF620-4		0.55	20.00		5.733	8.30	8.00		0.022	0.787		1.289	0.327	0.315
SSC-WF625-5		0.60	25.00		6.223	12.30	12.00		0.024	0.984		1.399	0.484	0.472
SSC-WF630-6		0.65	30.00		6.713	16.30	16.00		0.026	1.181		1.510	0.642	0.630
SSC-WF635-7	6.00	0.65	35.00	0.490	8.673	17.30	17.00	0.236	0.026	1.378	2.798	1.950	0.681	0.669
SSC-WF640-8		0.65	40.00		11.123	17.30	17.00		0.026	1.575		2.501	0.681	0.669
SSC-WF645-9		0.65	45.00		13.544	17.36	17.00		0.026	1.772		3.045	0.683	0.669
SSC-WF650-10		0.70	50.00		12.005	25.50	25.20		0.028	1.969		2.699	1.004	0.992
SSC-WF655-11		0.70	55.00		14.455	25.50	25.20		0.028	2.165		3.250	1.004	0.992
SSC-WF660-12		0.70	60.00		16.410	26.51	25.20		0.028	2.362		3.690	1.044	0.992
SSC-WF665-13		0.70	65.00		16.410	31.51	25.20		0.028	2.559		3.690	1.241	0.992
SSC-WF670-14		0.70	70.00		16.410	36.51	25.20		0.028	2.756		3.690	1.437	0.992

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL

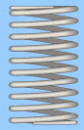


Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WL605-1		0.45	5.00		2.158	2.80	2.50		0.018	0.197		0.486	0.110	0.098
SSC-WL610-2		0.55	10.00		4.905	5.00	4.70		0.022	0.394		1.103	0.197	0.185
SSC-WL615-3		0.55	15.00		8.280	6.56	4.70		0.022	0.591		1.862	0.258	0.185
SSC-WL620-4		0.65	20.00		10.497	9.30	9.00		0.026	0.787		2.360	0.366	0.354
SSC-WL625-5		0.65	25.00		13.557	11.18	9.00		0.026	0.984		3.048	0.440	0.354
SSC-WL630-6		0.70	30.00		15.696	14.00	13.70		0.028	1.181		3.529	0.551	0.539
SSC-WL635-7	6.00	0.70	35.00	0.981	16.422	18.26	13.70	0.236	0.028	1.378	5.602	3.692	0.719	0.539
SSC-WL640-8		0.70	40.00		16.422	23.26	13.70		0.028	1.575		3.692	0.916	0.539
SSC-WL645-9		0.75	45.00		20.101	24.51	18.90		0.030	1.772		4.519	0.965	0.744
SSC-WL650-10		0.75	50.00		20.101	29.51	18.90		0.030	1.969		4.519	1.162	0.744
SSC-WL655-11		0.75	55.00		20.101	34.51	18.90		0.030	2.165		4.519	1.359	0.744
SSC-WL660-12		0.80	60.00		24.270	35.26	26.40		0.031	2.362		5.457	1.388	1.039
SSC-WL665-13		0.80	65.00		24.270	40.26	26.40		0.031	2.559		5.457	1.585	1.039
SSC-WL670-14		0.85	70.00		28.204	41.25	34.90		0.033	2.756		6.341	1.624	1.374
SSC-WT605-1		0.50	5.00		4.550	2.68	2.38		0.020	0.197		1.023	0.106	0.094
SSC-WT610-2		0.60	10.00		10.707	4.54	4.35		0.024	0.394		2.408	0.179	0.171
SSC-WT615-3		0.60	15.00		10.707	9.54	4.35		0.024	0.591		2.408	0.376	0.171
SSC-WT620-4		0.70	20.00		16.414	11.63	7.70		0.028	0.787		3.690	0.458	0.303
SSC-WT625-5		0.70	25.00		16.414	16.63	7.70		0.028	0.984		3.690	0.655	0.303
SSC-WT630-6	6.00	0.80	30.00	1.961	24.258	17.63	14.00	0.236	0.031	1.181	11.198	5.454	0.694	0.551
SSC-WT635-7		0.80	35.00		24.258	22.63	14.00		0.031	1.378		5.454	0.891	0.551
SSC-WT640-8		0.85	40.00		28.180	25.63	18.70		0.033	1.575		6.336	1.009	0.736
SSC-WT645-9		0.85	45.00		28.180	30.63	18.70		0.033	1.772		6.336	1.206	0.736
SSC-WT650-10		0.90	50.00		33.278	33.03	24.80		0.035	1.969		7.482	1.300	0.976
SSC-WT655-11		0.90	55.00		33.278	38.03	24.80		0.035	2.165		7.482	1.497	0.976
SSC-WT660-12		0.90	60.00		33.278	43.03	24.80		0.035	2.362		7.482	1.694	0.976
SSC-WM605-1		0.55	5.00		5.590	3.10	2.80		0.022	0.197		1.257	0.122	0.110
SSC-WM610-2		0.65	10.00		13.533	5.40	4.70		0.026	0.394		3.043	0.213	0.185
SSC-WM615-3		0.75	15.00		20.094	8.17	8.00		0.030	0.591		4.518	0.322	0.315
SSC-WM620-4		0.75	20.00		20.094	13.17	8.00		0.030	0.787		4.518	0.519	0.315
SSC-WM625-5		0.85	25.00		28.184	15.42	13.60		0.033	0.984		6.337	0.607	0.535
SSC-WM630-6		0.85	30.00		28.184	20.42	13.60		0.033	1.181		6.337	0.804	0.535
SSC-WM635-7	6.00	0.90	35.00	2.942	33.274	23.69	18.00	0.236	0.035	1.378	16.800	7.481	0.933	0.709
SSC-WM640-8		0.90	40.00		33.274	28.69	18.00		0.035	1.575		7.481	1.130	0.709
SSC-WM645-9		0.90	45.00		33.274	33.69	18.00		0.035	1.772		7.481	1.326	0.709
SSC-WM650-10		0.90	50.00		33.274	38.69	18.00		0.035	1.969		7.481	1.523	0.709
SSC-WM655-11		1.00	55.00		45.101	39.67	31.00		0.039	2.165		10.140	1.562	1.220
SSC-WM660-12		1.00	60.00		45.101	44.67	31.00		0.039	2.362		10.140	1.759	1.220
SSC-WM665-13		1.00	65.00		45.101	49.67	31.00		0.039	2.559		10.140	1.956	1.220
SSC-WM670-14		1.10	70.00		57.663	50.40	49.00		0.043	2.756		12.964	1.984	1.929



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



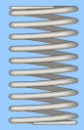
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WH605-1		0.65	5.00		8.238	3.60	3.30		0.026	0.197		1.852	0.142	0.130
SSC-WH610-2		0.75	10.00		20.064	6.59	5.20		0.030	0.394		4.511	0.259	0.205
SSC-WH615-3		0.80	15.00		24.242	10.88	6.40		0.031	0.591		5.450	0.428	0.252
SSC-WH620-4		0.90	20.00		33.245	14.35	9.90		0.035	0.787		7.474	0.565	0.390
SSC-WH625-5		0.90	25.00		33.245	19.35	9.90		0.035	0.984		7.474	0.762	0.390
SSC-WH630-6		1.00	30.00		45.071	22.34	16.00		0.039	1.181		10.133	0.880	0.630
SSC-WH635-7	6.00	1.00	35.00	5.884	45.071	27.34	16.00	0.236	0.039	1.378	33.599	10.133	1.076	0.630
SSC-WH640-8		1.10	40.00		57.663	30.20	26.00		0.043	1.575		12.964	1.189	1.024
SSC-WH645-9		1.10	45.00		57.663	35.20	26.00		0.043	1.772		12.964	1.386	1.024
SSC-WH650-10		1.20	50.00		51.191	41.30	41.00		0.047	1.969		11.509	1.626	1.614
SSC-WH655-11		1.20	55.00		73.785	42.46	41.00		0.047	2.165		16.588	1.672	1.614
SSC-WH660-12		1.20	60.00		73.785	47.46	41.00		0.047	2.362		16.588	1.869	1.614
SSC-WH665-13		1.20	65.00		73.785	52.46	41.00		0.047	2.559		16.588	2.065	1.614
SSC-WH670-14		1.20	70.00		73.785	57.46	41.00		0.047	2.756		16.588	2.262	1.614
SSC-WB605-1		0.70	5.00		11.768	3.80	3.50		0.028	0.197		2.646	0.150	0.138
SSC-WB610-2		0.80	10.00		24.223	7.53	7.00		0.031	0.394		5.446	0.296	0.276
SSC-WB615-3		0.90	15.00		33.246	11.61	7.50		0.035	0.591		7.474	0.457	0.295
SSC-WB620-4		1.00	20.00		45.014	15.41	11.50		0.039	0.787		10.120	0.607	0.453
SSC-WB625-5		1.10	25.00		57.665	19.12	17.50		0.043	0.984		12.964	0.753	0.689
SSC-WB630-6		1.10	30.00		57.665	24.12	17.50		0.043	1.181		12.964	0.950	0.689
SSC-WB635-7	6.00	1.10	35.00	9.807	57.665	29.12	17.50	0.236	0.043	1.378	56.000	12.964	1.146	0.689
SSC-WB640-8		1.20	40.00		73.749	32.48	28.00		0.047	1.575		16.580	1.279	1.102
SSC-WB645-9		1.20	45.00		73.749	37.48	28.00		0.047	1.772		16.580	1.476	1.102
SSC-WB650-10		1.20	50.00		73.749	42.48	28.00		0.047	1.969		16.580	1.672	1.102
SSC-WB655-11		1.20	55.00		73.749	47.48	28.00		0.047	2.165		16.580	1.869	1.102
SSC-WB660-12		1.30	60.00		89.832	50.84	43.00		0.051	2.362		20.196	2.002	1.693
SSC-WB665-13		1.30	65.00		89.832	55.84	43.00		0.051	2.559		20.196	2.198	1.693
SSC-WB670-14		1.30	70.00		89.832	60.84	43.00		0.051	2.756		20.196	2.395	1.693
SSC-016C-1			6.35	1.089	3.496	3.14	1.45			0.250	6.219	0.786	0.124	0.057
SSC-016C-2			7.94	0.843	3.498	3.79	1.60			0.313	4.814	0.787	0.149	0.063
SSC-016C-3			9.52	0.686	3.499	4.42	1.75			0.375	3.918	0.787	0.174	0.069
SSC-016C-4			11.11	0.579	3.503	5.06	1.95			0.438	3.307	0.788	0.199	0.077
SSC-016C-5			12.70	0.510	3.504	5.83	2.10			0.500	2.913	0.788	0.230	0.083
SSC-016C-6			14.29	0.451	3.500	6.53	2.25			0.563	2.576	0.787	0.257	0.089
SSC-016C-7			15.88	0.402	3.501	7.17	2.45			0.625	2.296	0.788	0.282	0.096
SSC-016C-8	6.10	0.41	17.46	0.363	3.503	7.81	2.60	0.240	0.016	0.688	2.073	0.788	0.307	0.102
SSC-016C-9			19.05	0.333	3.497	8.55	2.80			0.750	1.902	0.787	0.337	0.110
SSC-016C-10			20.64	0.304	3.502	9.12	2.95			0.813	1.736	0.788	0.359	0.116
SSC-016C-11			22.22	0.284	3.496	9.91	3.10			0.875	1.622	0.786	0.390	0.122
SSC-016C-12			23.81	0.265	3.506	10.58	3.30			0.938	1.514	0.789	0.417	0.130
SSC-016C-13			25.40	0.245	3.501	11.11	3.45			1.000	1.399	0.788	0.437	0.136
SSC-016C-14			31.75	0.196	3.501	13.89	4.15			1.250	1.120	0.787	0.547	0.163
SSC-016C-15			38.10	0.157	3.504	15.78	4.80			1.500	0.897	0.788	0.621	0.189

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-018C-1			6.35	1.648	4.928	3.36	1.65			0.250	9.411	1.108	0.132	0.065
SSC-018C-2			7.94	1.275	4.922	4.08	1.85			0.313	7.281	1.107	0.161	0.073
SSC-018C-3			9.52	1.040	4.930	4.78	2.10			0.375	5.939	1.109	0.188	0.083
SSC-018C-4			11.11	0.873	4.924	5.47	2.30			0.438	4.985	1.107	0.215	0.091
SSC-018C-5			12.70	0.755	4.923	6.18	2.50			0.500	4.312	1.107	0.243	0.098
SSC-018C-6			14.29	0.667	4.929	6.90	2.70			0.563	3.809	1.109	0.272	0.106
SSC-018C-7			15.88	0.598	4.922	7.65	2.95			0.625	3.415	1.107	0.301	0.116
SSC-018C-8	6.10	0.46	17.46	0.539	4.921	8.33	3.15	0.240	0.018	0.688	3.078	1.107	0.328	0.124
SSC-018C-9			19.05	0.490	4.925	9.00	3.35			0.750	2.798	1.108	0.354	0.132
SSC-018C-10			20.64	0.451	4.925	9.72	3.55			0.813	2.576	1.108	0.383	0.140
SSC-018C-11			22.22	0.422	4.929	10.54	3.75			0.875	2.410	1.109	0.415	0.148
SSC-018C-12			23.81	0.392	4.924	11.25	4.00			0.938	2.239	1.107	0.443	0.157
SSC-018C-13			25.40	0.363	4.930	11.82	4.20			1.000	2.073	1.109	0.465	0.165
SSC-018C-14			31.75	0.294	4.925	15.00	5.05			1.250	1.679	1.108	0.591	0.199
SSC-018C-15			38.10	0.245	4.925	18.00	5.90			1.500	1.399	1.108	0.709	0.232
SSC-020C-1			6.35	1.922	6.516	2.96	2.10			0.250	10.975	1.465	0.117	0.083
SSC-020C-2			7.94	1.500	6.510	3.60	2.40			0.313	8.566	1.464	0.142	0.094
SSC-020C-3			9.52	1.182	6.525	4.00	2.75			0.375	6.750	1.467	0.157	0.108
SSC-020C-4			11.11	0.981	6.524	4.46	3.05			0.438	5.602	1.467	0.176	0.120
SSC-020C-5			12.70	0.853	6.517	5.06	3.35			0.500	4.871	1.466	0.199	0.132
SSC-020C-6			14.29	0.765	6.525	5.76	3.65			0.563	4.369	1.467	0.227	0.144
SSC-020C-7			15.88	0.667	6.523	6.10	4.00			0.625	3.809	1.467	0.240	0.157
SSC-020C-8	6.10	0.51	17.46	0.608	6.524	6.73	4.30	0.240	0.020	0.688	3.472	1.467	0.265	0.169
SSC-020C-9			19.05	0.559	6.524	7.38	4.60			0.750	3.192	1.467	0.291	0.181
SSC-020C-10			20.64	0.510	6.523	7.85	4.95			0.813	2.913	1.467	0.309	0.195
SSC-020C-11			22.22	0.471	6.528	8.36	5.30			0.875	2.690	1.468	0.329	0.209
SSC-020C-12			25.40	0.422	6.528	9.93	5.90			1.000	2.410	1.468	0.391	0.232
SSC-020C-13			31.75	0.333	6.517	12.18	7.15			1.250	1.902	1.466	0.480	0.281
SSC-020C-14			38.10	0.275	6.534	14.34	8.45			1.500	1.571	1.469	0.565	0.333
SSC-020C-15			44.45	0.231	6.521	16.22	9.70			1.750	1.320	1.467	0.639	0.382
SSC-020C-16			50.80	0.201	6.512	18.40	11.00			2.000	1.148	1.465	0.724	0.433
SSC-022C-00			6.35	3.197	8.600	3.66	2.15			0.250	18.256	1.934	0.144	0.085
SSC-022C-0			7.94	2.461	8.589	4.45	2.45			0.313	14.053	1.931	0.175	0.096
SSC-022C-1			9.52	2.099	8.585	5.43	2.80			0.375	11.986	1.930	0.214	0.110
SSC-022C-2			11.11	1.746	8.590	6.19	3.10			0.438	9.970	1.932	0.244	0.122
SSC-022C-3			12.70	1.569	8.598	7.22	3.40			0.500	8.960	1.933	0.284	0.134
SSC-022C-4			14.29	1.402	8.594	8.16	3.65			0.563	8.006	1.933	0.321	0.144
SSC-022C-5			15.88	1.226	8.594	8.87	3.95			0.625	7.001	1.933	0.349	0.156
SSC-022C-6	6.10	0.56	17.46	1.049	8.591	9.27	4.50	0.240	0.022	0.688	5.990	1.932	0.365	0.177
SSC-022C-7			19.05	0.961	8.601	10.10	4.80			0.750	5.488	1.934	0.398	0.189
SSC-022C-8			20.64	0.873	8.599	10.79	5.05			0.813	4.985	1.934	0.425	0.199
SSC-022C-9			25.40	0.744	8.593	13.85	5.70			1.000	4.249	1.932	0.545	0.224
SSC-022C-10			31.75	0.579	8.604	16.89	7.20			1.250	3.307	1.935	0.665	0.283
SSC-022C-11			38.10	0.490	8.595	20.56	8.25			1.500	2.798	1.933	0.809	0.325
SSC-022C-12			44.45	0.402	8.599	23.06	9.90			1.750	2.296	1.934	0.908	0.390
SSC-022C-13			50.80	0.353	8.599	26.44	11.20			2.000	2.016	1.934	1.041	0.441

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

Singapore Spring Pte Ltd
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-024C-1			9.52	2.971	11.052	5.80	3.30			0.375	16.965	2.485	0.228	0.130
SSC-024C-2			11.11	2.539	11.045	6.76	3.65			0.438	14.499	2.483	0.266	0.144
SSC-024C-3			12.70	2.145	11.068	7.54	4.00			0.500	12.249	2.489	0.297	0.157
SSC-024C-4			14.29	1.922	11.052	8.54	4.35			0.563	10.975	2.485	0.336	0.171
SSC-024C-5			15.88	1.707	11.061	9.40	4.70			0.625	9.748	2.487	0.370	0.185
SSC-024C-6			17.46	1.569	11.061	10.41	5.05			0.688	8.960	2.487	0.410	0.199
SSC-024C-7	6.10	0.61	19.05	1.402	11.062	11.16	5.40	0.240	0.024	0.750	8.006	2.487	0.439	0.213
SSC-024C-8			20.64	1.275	11.067	11.96	5.75			0.813	7.281	2.488	0.471	0.226
SSC-024C-9			22.22	1.157	11.061	12.66	6.10			0.875	6.607	2.487	0.498	0.240
SSC-024C-10			25.40	1.030	11.073	14.65	6.80			1.000	5.882	2.490	0.577	0.268
SSC-024C-11			31.75	0.804	11.063	17.99	8.20			1.250	4.591	2.488	0.708	0.323
SSC-024C-12			38.10	0.657	11.064	21.26	9.65			1.500	3.752	2.488	0.837	0.380
SSC-024C-13			44.45	0.579	11.076	25.32	10.95			1.750	3.307	2.491	0.997	0.431
SSC-024C-14			50.80	0.490	11.059	28.23	12.30			2.000	2.798	2.487	1.111	0.484
SSC-026C-0			7.94	4.864	13.571	5.15	3.25			0.313	27.775	3.051	0.203	0.128
SSC-026C-1			9.52	4.197	13.598	6.28	3.35			0.375	23.966	3.058	0.247	0.132
SSC-026C-2			11.11	3.501	13.584	7.23	3.85			0.438	19.992	3.054	0.285	0.152
SSC-026C-3			12.70	2.971	13.577	8.13	4.15			0.500	16.965	3.053	0.320	0.163
SSC-026C-4			14.29	2.452	13.609	8.74	4.65			0.563	14.002	3.060	0.344	0.183
SSC-026C-5			15.88	2.187	13.603	9.66	5.15			0.625	12.489	3.059	0.380	0.203
SSC-026C-6			17.46	1.922	13.589	10.39	5.65			0.688	10.975	3.055	0.409	0.222
SSC-026C-7	6.10	0.66	19.05	1.746	13.601	11.26	5.95	0.240	0.026	0.750	9.970	3.058	0.443	0.234
SSC-026C-8			20.64	1.569	13.603	11.97	6.60			0.813	8.960	3.059	0.471	0.260
SSC-026C-9			22.22	1.402	13.599	12.52	7.30			0.875	8.006	3.058	0.493	0.287
SSC-026C-10			25.40	1.294	13.600	14.89	7.60			1.000	7.389	3.058	0.586	0.299
SSC-026C-11			31.75	1.030	13.606	18.54	9.30			1.250	5.882	3.059	0.730	0.366
SSC-026C-12			38.10	0.853	13.597	22.16	10.70			1.500	4.871	3.057	0.872	0.421
SSC-026C-13			44.45	0.735	13.598	25.95	12.25			1.750	4.197	3.057	1.022	0.482
SSC-026C-14			50.80	0.639	13.598	29.52	13.85			2.000	3.649	3.057	1.162	0.545
SSC-029C-1			9.52	5.867	19.009	6.28	4.30			0.375	33.502	4.274	0.247	0.169
SSC-029C-2			11.11	4.825	19.011	7.17	4.85			0.438	27.552	4.274	0.282	0.191
SSC-029C-3			12.70	4.138	18.993	8.11	5.35			0.500	23.629	4.270	0.319	0.211
SSC-029C-4			14.29	3.599	19.003	9.01	5.85			0.563	20.551	4.272	0.355	0.230
SSC-029C-5			15.88	3.236	19.028	10.00	6.30			0.625	18.479	4.278	0.394	0.248
SSC-029C-6			17.46	2.942	19.005	11.00	6.80			0.688	16.800	4.273	0.433	0.268
SSC-029C-7	6.10	0.74	19.05	2.746	19.030	12.12	7.30	0.240	0.029	0.750	15.681	4.279	0.477	0.287
SSC-029C-8			20.64	2.452	19.028	12.88	7.85			0.813	14.002	4.278	0.507	0.309
SSC-029C-9			22.22	2.256	19.018	13.79	8.35			0.875	12.883	4.276	0.543	0.329
SSC-029C-10			25.40	1.971	19.020	15.75	9.30			1.000	11.255	4.276	0.620	0.366
SSC-029C-11			31.75	1.549	19.022	19.47	11.35			1.250	8.846	4.277	0.767	0.447
SSC-029C-12			38.10	1.287	19.022	23.32	13.35			1.500	7.349	4.277	0.918	0.526
SSC-029C-13			44.45	1.095	19.031	27.07	15.40			1.750	6.253	4.279	1.066	0.606
SSC-029C-14			50.80	0.954	19.023	30.86	17.55			2.000	5.448	4.277	1.215	0.691

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-032C-1			7.94	10.858	24.322	5.70	4.10			0.313	62.001	5.468	0.224	0.161
SSC-032C-2			9.52	8.756	24.342	6.74	4.50			0.375	49.999	5.473	0.265	0.177
SSC-032C-3			11.11	7.522	24.371	7.87	5.10			0.438	42.952	5.479	0.310	0.201
SSC-032C-4			12.70	6.296	24.366	8.83	5.70			0.500	35.952	5.478	0.348	0.224
SSC-032C-5			14.29	5.604	24.377	9.94	6.30			0.563	32.000	5.481	0.391	0.248
SSC-032C-6			15.88	4.904	24.373	10.91	6.95			0.625	28.003	5.480	0.430	0.274
SSC-032C-7			17.46	4.374	24.407	11.88	7.55			0.688	24.977	5.487	0.468	0.297
SSC-032C-8			19.05	3.844	24.371	12.71	8.35			0.750	21.950	5.479	0.500	0.329
SSC-032C-9	6.10	0.81	20.64	3.501	24.402	13.67	8.95	0.240	0.032	0.813	19.992	5.486	0.538	0.352
SSC-032C-10			22.22	3.324	24.398	14.88	9.35			0.875	18.981	5.485	0.586	0.368
SSC-032C-11			23.81	3.060	24.388	15.84	10.00			0.938	17.474	5.483	0.624	0.394
SSC-032C-12			25.40	2.795	24.400	16.67	10.80			1.000	15.960	5.486	0.656	0.425
SSC-032C-13			31.75	2.363	24.386	21.43	12.45			1.250	13.494	5.483	0.844	0.490
SSC-032C-14			34.93	2.099	24.411	23.30	13.95			1.375	11.986	5.488	0.917	0.549
SSC-032C-15			38.10	1.922	24.390	25.41	14.95			1.500	10.975	5.484	1.000	0.589
SSC-032C-16			44.45	1.677	24.400	29.90	17.25			1.750	9.576	5.486	1.177	0.679
SSC-032C-17			50.80	1.471	24.404	34.21	19.60			2.000	8.400	5.487	1.347	0.772
SSC-035C-1			7.94	15.761	31.680	5.93	4.90			0.313	89.998	7.122	0.233	0.193
SSC-035C-2			9.52	12.872	31.665	7.06	5.30			0.375	73.501	7.119	0.278	0.209
SSC-035C-3			11.11	10.683	31.729	8.14	5.95			0.438	61.002	7.133	0.320	0.234
SSC-035C-4			12.70	9.107	31.692	9.22	6.60			0.500	52.003	7.125	0.363	0.260
SSC-035C-5			14.29	7.881	31.682	10.27	7.25			0.563	45.002	7.123	0.404	0.285
SSC-035C-6			15.88	7.005	31.733	11.35	7.95			0.625	40.000	7.134	0.447	0.313
SSC-035C-7			17.46	6.296	31.732	12.42	8.60			0.688	35.952	7.134	0.489	0.339
SSC-035C-8			19.05	5.604	31.719	13.39	9.25			0.750	32.000	7.131	0.527	0.364
SSC-035C-9			20.64	5.131	31.710	14.46	9.95			0.813	29.299	7.129	0.569	0.392
SSC-035C-10	6.10	0.89	22.22	4.728	31.725	15.51	10.60	0.240	0.035	0.875	26.998	7.133	0.611	0.417
SSC-035C-11			23.81	4.266	31.739	16.37	11.75			0.938	24.360	7.136	0.644	0.463
SSC-035C-12			25.40	4.021	31.726	17.51	12.45			1.000	22.961	7.133	0.689	0.490
SSC-035C-13			31.75	3.148	31.732	21.67	15.15			1.250	17.976	7.134	0.853	0.596
SSC-035C-14			34.93	2.795	31.751	23.57	16.50			1.375	15.960	7.138	0.928	0.650
SSC-035C-15			38.10	2.589	31.741	25.84	17.85			1.500	14.784	7.136	1.017	0.703
SSC-035C-16			44.45	2.167	31.747	29.80	20.50			1.750	12.374	7.137	1.173	0.807
SSC-035C-17			50.80	1.922	31.751	34.28	23.20			2.000	10.975	7.139	1.350	0.913
SSC-035C-18			57.15	1.716	31.746	38.65	25.85			2.250	9.799	7.137	1.522	1.018
SSC-035C-19			63.50	1.559	31.741	43.14	28.45			2.500	8.903	7.136	1.698	1.120

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



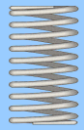
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-038C-1			7.94	22.241	40.034	6.14	4.85			0.313	127.000	9.000	0.242	0.191
SSC-038C-2			9.52	17.688	39.975	7.26	5.55			0.375	101.002	8.987	0.286	0.219
SSC-038C-3			11.11	14.711	40.014	8.39	6.30			0.438	84.002	8.996	0.330	0.248
SSC-038C-4			12.70	12.609	40.097	9.52	7.25			0.500	72.000	9.015	0.375	0.285
SSC-038C-5			14.29	11.208	40.125	10.71	7.75			0.563	64.000	9.021	0.422	0.305
SSC-038C-6			15.88	9.982	40.128	11.86	8.50			0.625	56.999	9.022	0.467	0.335
SSC-038C-7			17.46	8.931	40.100	12.97	9.20			0.688	50.998	9.015	0.511	0.362
SSC-038C-8			19.05	8.056	40.119	14.07	9.90			0.750	46.001	9.020	0.554	0.390
SSC-038C-9			20.64	7.355	40.085	15.19	10.65			0.813	41.999	9.012	0.598	0.419
SSC-038C-10	6.10	0.96	22.22	6.649	40.093	16.19	11.60	0.240	0.038	0.875	37.967	9.014	0.637	0.457
SSC-038C-11			23.81	6.129	40.145	17.26	12.60			0.938	34.998	9.025	0.680	0.496
SSC-038C-12			25.40	5.779	40.106	18.46	13.30			1.000	32.999	9.017	0.727	0.524
SSC-038C-13			28.58	5.070	40.104	20.67	14.75			1.125	28.951	9.016	0.814	0.581
SSC-038C-14			31.75	4.550	40.131	22.93	16.45			1.250	25.982	9.022	0.903	0.648
SSC-038C-15			34.93	4.021	40.130	24.95	18.15			1.375	22.961	9.022	0.982	0.715
SSC-038C-16			38.10	3.678	40.127	27.19	19.60			1.500	21.002	9.021	1.070	0.772
SSC-038C-17			44.45	3.148	40.137	31.70	22.35			1.750	17.976	9.024	1.248	0.880
SSC-038C-18			50.80	2.795	40.136	36.44	25.25			2.000	15.960	9.023	1.435	0.994
SSC-038C-19			57.15	2.481	40.143	40.97	28.95			2.250	14.167	9.025	1.613	1.140
SSC-038C-20			63.50	2.206	40.127	45.31	31.50			2.500	12.597	9.021	1.784	1.240
SSC-040C-1			7.94	27.145	45.604	6.26	5.45			0.313	155.002	10.253	0.246	0.215
SSC-040C-2			9.52	21.365	45.721	7.38	6.30			0.375	121.998	10.279	0.291	0.248
SSC-040C-3			11.11	17.513	45.709	8.50	7.15			0.438	100.002	10.276	0.335	0.281
SSC-040C-4			12.70	14.711	45.751	9.59	8.00			0.500	84.002	10.286	0.378	0.315
SSC-040C-5			14.29	12.959	45.745	10.76	8.90			0.563	73.998	10.284	0.424	0.350
SSC-040C-6			15.88	11.734	45.763	11.98	9.70			0.625	67.003	10.288	0.472	0.382
SSC-040C-7			17.46	10.508	45.815	13.10	10.50			0.688	60.003	10.300	0.516	0.413
SSC-040C-8			19.05	9.982	45.817	14.46	10.90			0.750	56.999	10.301	0.569	0.429
SSC-040C-9			20.64	8.494	45.783	15.25	12.25			0.813	48.502	10.293	0.600	0.482
SSC-040C-10	6.10	1.02	22.22	8.056	45.758	16.54	13.05	0.240	0.040	0.875	46.001	10.287	0.651	0.514
SSC-040C-11			23.81	7.355	45.822	17.58	13.95			0.938	41.999	10.302	0.692	0.549
SSC-040C-12			25.40	6.874	45.781	18.74	14.80			1.000	39.252	10.292	0.738	0.583
SSC-040C-13			28.58	6.129	45.784	21.11	16.50			1.125	34.998	10.293	0.831	0.650
SSC-040C-14			31.75	5.423	45.824	23.30	18.15			1.250	30.967	10.302	0.917	0.715
SSC-040C-15			34.93	4.816	45.800	25.42	19.85			1.375	27.501	10.297	1.001	0.781
SSC-040C-16			38.10	4.501	45.820	27.92	21.95			1.500	25.702	10.301	1.099	0.864
SSC-040C-17			44.45	3.795	45.806	32.38	24.95			1.750	21.671	10.298	1.275	0.982
SSC-040C-18			50.80	3.354	45.816	37.14	28.30			2.000	19.152	10.300	1.462	1.114
SSC-040C-19			57.15	2.922	45.817	41.47	31.75			2.250	16.686	10.301	1.633	1.250
SSC-040C-20			63.50	2.618	45.815	46.00	35.10			2.500	14.950	10.300	1.811	1.382

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-042C-1			9.52	26.444	52.359	7.54	6.45			0.375	151.000	11.771	0.297	0.254
SSC-042C-2			11.11	21.541	52.560	8.67	7.50			0.438	123.003	11.816	0.341	0.295
SSC-042C-3			12.70	18.563	52.533	9.87	8.30			0.500	105.998	11.810	0.389	0.327
SSC-042C-4			14.29	16.462	52.514	11.10	9.10			0.563	94.001	11.806	0.437	0.358
SSC-042C-5			15.88	14.886	52.548	12.35	9.90			0.625	85.002	11.814	0.486	0.390
SSC-042C-6			17.46	13.135	52.540	13.46	10.70			0.688	75.003	11.812	0.530	0.421
SSC-042C-7			19.05	11.383	52.476	14.44	12.30			0.750	64.999	11.797	0.569	0.484
SSC-042C-8			20.64	10.508	52.540	15.64	12.85			0.813	60.003	11.812	0.616	0.506
SSC-042C-9			22.22	9.807	52.467	16.87	13.85			0.875	56.000	11.796	0.664	0.545
SSC-042C-10	6.10	1.07	23.81	8.931	52.514	17.93	14.95	0.240	0.042	0.938	50.998	11.806	0.706	0.589
SSC-042C-11			25.40	8.406	52.538	19.15	15.75			1.000	48.000	11.811	0.754	0.620
SSC-042C-12			28.58	7.355	52.515	21.44	17.65			1.125	41.999	11.806	0.844	0.695
SSC-042C-13			31.75	6.649	52.527	23.85	19.20			1.250	37.967	11.809	0.939	0.756
SSC-042C-14			34.93	5.954	52.514	26.11	21.35			1.375	33.999	11.806	1.028	0.841
SSC-042C-15			38.10	5.423	52.549	28.41	23.00			1.500	30.967	11.814	1.119	0.906
SSC-042C-16			44.45	4.641	52.536	33.13	26.65			1.750	26.501	11.811	1.304	1.049
SSC-042C-17			50.80	4.021	52.554	37.73	30.40			2.000	22.961	11.815	1.485	1.197
SSC-042C-18			57.15	3.589	52.543	42.51	34.05			2.250	20.494	11.813	1.674	1.341
SSC-042C-19			63.50	3.109	52.542	46.60	38.45			2.500	17.753	11.812	1.835	1.514
SSC-045C-1			9.52	37.687	63.314	7.84	6.90			0.375	215.199	14.234	0.309	0.272
SSC-045C-2			11.11	30.862	63.267	9.06	7.90			0.438	176.227	14.224	0.357	0.311
SSC-045C-3			12.70	26.194	63.389	10.28	8.90			0.500	149.572	14.251	0.405	0.350
SSC-045C-4			14.29	22.751	63.248	11.51	9.85			0.563	129.912	14.219	0.453	0.388
SSC-045C-5			15.88	20.074	63.434	12.72	10.85			0.625	114.626	14.261	0.501	0.427
SSC-045C-6			17.46	17.986	63.311	13.94	11.85			0.688	102.703	14.233	0.549	0.467
SSC-045C-7			19.05	16.269	63.286	15.16	12.85			0.750	92.899	14.228	0.597	0.506
SSC-045C-8			20.64	14.877	63.376	16.38	13.85			0.813	84.950	14.248	0.645	0.545
SSC-045C-9	6.10	1.14	22.22	13.680	63.338	17.59	14.85	0.240	0.045	0.875	78.115	14.240	0.693	0.585
SSC-045C-10			23.81	12.680	63.400	18.81	15.85			0.938	72.405	14.253	0.741	0.624
SSC-045C-11			25.40	11.807	63.404	20.03	16.85			1.000	67.420	14.254	0.789	0.663
SSC-045C-12			28.58	10.385	63.349	22.48	18.85			1.125	59.300	14.242	0.885	0.742
SSC-045C-13			31.75	9.257	63.410	24.90	20.85			1.250	52.859	14.256	0.980	0.821
SSC-045C-14			38.10	7.620	63.398	29.78	24.80			1.500	43.512	14.253	1.172	0.976
SSC-045C-15			44.45	6.462	63.392	34.64	28.80			1.750	36.899	14.252	1.364	1.134
SSC-045C-16			50.80	5.619	63.439	39.51	32.75			2.000	32.086	14.262	1.556	1.289
SSC-045C-17			57.15	4.972	63.443	44.39	36.75			2.250	28.391	14.263	1.748	1.447
SSC-045C-18			63.50	4.452	63.396	49.26	40.75			2.500	25.422	14.253	1.939	1.604
SSC-068050-1			13.50	0.729	5.672	5.72	2.70			0.531	4.163	1.276	0.225	0.106
SSC-068050-2			20.00	0.461	5.693	7.65	3.70			0.787	2.633	1.280	0.301	0.146
SSC-068050-3	6.80	0.50	30.00	0.301	5.701	11.06	5.14	0.268	0.020	1.181	1.719	1.282	0.435	0.202
SSC-068050-4			44.00	0.209	5.656	16.94	6.91			1.732	1.194	1.272	0.667	0.272
SSC-068050-5			65.00	0.139	5.642	24.41	9.87			2.559	0.794	1.269	0.961	0.389

Spring rates and loads are for music wire.
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Singapore Spring Pte Ltd
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-020CD-1			7.94	1.200	5.868	3.05	2.17			0.313	6.853	1.320	0.120	0.085
SSC-020CD-2			9.52	0.980	5.860	3.54	2.42			0.375	5.596	1.318	0.139	0.095
SSC-020CD-3			11.11	0.771	5.875	3.49	2.81			0.438	4.403	1.321	0.137	0.111
SSC-020CD-4			12.70	0.675	5.879	3.99	3.06			0.500	3.855	1.322	0.157	0.120
SSC-020CD-5			14.29	0.600	5.874	4.50	3.32			0.563	3.427	1.321	0.177	0.131
SSC-020CD-6			15.88	0.540	5.875	5.00	3.57			0.625	3.084	1.321	0.197	0.141
SSC-020CD-7	6.80	0.51	17.46	0.491	5.877	5.49	3.83	0.268	0.020	0.688	2.804	1.322	0.216	0.151
SSC-020CD-8			19.05	0.450	5.877	5.99	4.08			0.750	2.570	1.322	0.236	0.161
SSC-020CD-9			22.22	0.386	5.883	6.98	4.59			0.875	2.205	1.323	0.275	0.181
SSC-020CD-10			25.40	0.330	5.749	7.98	5.10			1.000	1.885	1.293	0.314	0.201
SSC-020CD-11			28.58	0.300	5.877	8.99	5.61			1.125	1.714	1.322	0.354	0.221
SSC-020CD-12			31.75	0.270	5.878	9.98	6.12			1.250	1.542	1.322	0.393	0.241
SSC-020CD-13			34.93	0.235	5.884	9.89	6.89			1.375	1.342	1.323	0.389	0.271
SSC-020CD-14			38.10	0.208	5.886	9.80	7.65			1.500	1.188	1.324	0.386	0.301
SSC-024CD-1			7.94	2.697	9.979	4.24	2.53			0.313	15.401	2.244	0.167	0.100
SSC-024CD-2			9.52	2.147	9.962	4.88	2.87			0.375	12.260	2.240	0.192	0.113
SSC-024CD-3			11.11	1.784	9.973	5.52	3.20			0.438	10.187	2.242	0.217	0.126
SSC-024CD-4			12.70	1.546	9.972	6.25	3.51			0.500	8.828	2.242	0.246	0.138
SSC-024CD-5	6.80	0.61	15.88	1.183	9.973	7.45	4.21	0.268	0.024	0.625	6.756	2.242	0.293	0.166
SSC-024CD-6			19.05	0.966	9.979	8.72	4.88			0.750	5.517	2.244	0.343	0.192
SSC-024CD-7			25.40	0.703	9.983	11.20	6.25			1.000	4.015	2.245	0.441	0.246
SSC-024CD-8			31.75	0.552	9.980	13.67	7.63			1.250	3.153	2.244	0.538	0.300
SSC-024CD-9			38.10	0.455	9.987	16.15	9.00			1.500	2.599	2.246	0.636	0.354
SSC-024CD-10			44.45	0.387	9.996	18.67	10.37			1.750	2.210	2.248	0.735	0.408
SSC-028CD-1			9.52	3.389	14.607	5.21	3.57			0.375	19.352	3.284	0.205	0.141
SSC-028CD-2			11.11	2.802	14.598	5.90	4.03			0.438	16.000	3.282	0.232	0.158
SSC-028CD-3			12.70	2.387	14.585	6.59	4.48			0.500	13.631	3.279	0.259	0.176
SSC-028CD-4			14.29	2.101	14.602	7.34	4.90			0.563	11.998	3.283	0.289	0.193
SSC-028CD-5			15.88	1.876	14.595	8.10	5.32			0.625	10.713	3.282	0.319	0.209
SSC-028CD-6			17.46	1.681	14.591	8.78	5.78			0.688	9.599	3.281	0.346	0.227
SSC-028CD-7	6.80	0.70	19.05	1.523	14.606	9.46	6.23	0.268	0.028	0.750	8.697	3.284	0.372	0.245
SSC-028CD-8			22.22	1.281	14.603	10.82	7.14			0.875	7.315	3.283	0.426	0.281
SSC-028CD-9			25.40	1.130	14.611	12.47	7.91			1.000	6.453	3.285	0.491	0.311
SSC-028CD-10			31.75	0.876	14.612	15.07	9.80			1.250	5.003	3.285	0.593	0.386
SSC-028CD-11			34.93	0.793	14.607	16.51	10.68			1.375	4.529	3.284	0.650	0.420
SSC-028CD-12			44.45	0.618	14.603	20.82	13.30			1.750	3.529	3.283	0.820	0.524
SSC-028CD-13			50.80	0.539	14.596	23.72	15.05			2.000	3.078	3.282	0.934	0.593

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-032CD-1			9.52	6.522	22.044	6.14	4.15			0.375	37.242	4.956	0.242	0.163
SSC-032CD-2			11.11	5.392	22.053	7.02	4.67			0.438	30.790	4.958	0.276	0.184
SSC-032CD-3			12.70	4.595	22.056	7.90	5.20			0.500	26.239	4.959	0.311	0.205
SSC-032CD-4			14.29	4.044	22.080	8.83	5.69			0.563	23.092	4.964	0.348	0.224
SSC-032CD-5			15.88	3.611	22.063	9.77	6.18			0.625	20.620	4.961	0.385	0.243
SSC-032CD-6			17.46	3.235	22.063	10.64	6.71			0.688	18.473	4.960	0.419	0.264
SSC-032CD-7	6.80	0.81	19.05	2.930	22.063	11.52	7.24	0.268	0.032	0.750	16.731	4.960	0.454	0.285
SSC-032CD-8			22.22	2.466	22.071	13.27	8.29			0.875	14.082	4.962	0.522	0.326
SSC-032CD-9			25.40	2.174	22.066	15.25	9.19			1.000	12.414	4.961	0.600	0.362
SSC-032CD-10			31.75	1.685	22.074	18.65	11.38			1.250	9.622	4.963	0.734	0.448
SSC-032CD-11			34.93	1.526	22.081	20.46	12.40			1.375	8.714	4.965	0.806	0.488
SSC-032CD-12			44.45	1.189	22.068	25.89	15.45			1.750	6.790	4.962	1.019	0.608
SSC-032CD-13			50.80	1.037	22.078	29.51	17.48			2.000	5.922	4.964	1.162	0.688
SSC-040CD-1			11.11	13.919	41.618	8.12	6.12			0.438	79.480	9.357	0.320	0.241
SSC-040CD-2			12.70	11.973	41.546	9.23	6.78			0.500	68.368	9.340	0.363	0.267
SSC-040CD-3			15.88	9.202	41.593	11.36	8.21			0.625	52.545	9.351	0.447	0.323
SSC-040CD-4			19.05	7.534	41.588	13.53	9.58			0.750	43.021	9.350	0.533	0.377
SSC-040CD-5			23.81	5.860	41.606	16.71	11.73			0.938	33.462	9.354	0.658	0.462
SSC-040CD-6	6.80	1.02	25.40	5.458	41.590	17.78	12.44	0.268	0.040	1.000	31.166	9.350	0.700	0.490
SSC-040CD-7			28.58	4.841	41.584	19.99	13.77			1.125	27.643	9.349	0.787	0.542
SSC-040CD-8			31.75	4.283	41.631	22.03	15.30			1.250	24.457	9.359	0.867	0.602
SSC-040CD-9			34.93	3.880	41.632	24.20	16.68			1.375	22.156	9.360	0.953	0.657
SSC-040CD-10			38.10	3.535	41.607	26.33	18.11			1.500	20.186	9.354	1.037	0.713
SSC-040CD-11			44.45	3.009	41.614	30.62	20.91			1.750	17.182	9.356	1.206	0.823
SSC-040CD-12			50.80	2.620	41.632	34.91	23.72			2.000	14.961	9.360	1.374	0.934
SSC-069063-1			11.50	1.831	10.785	5.61	3.41			0.453	10.456	2.425	0.221	0.134
SSC-069063-2			17.00	1.171	10.785	7.79	4.63			0.669	6.687	2.425	0.307	0.182
SSC-069063-3	6.93	0.63	25.50	0.759	10.770	11.31	6.45	0.273	0.025	1.004	4.335	2.422	0.445	0.254
SSC-069063-4			36.50	0.511	10.808	15.35	8.99			1.437	2.918	2.430	0.604	0.354
SSC-069063-5			54.00	0.341	10.817	22.28	12.85			2.126	1.948	2.432	0.877	0.506
SSC-070060-1			6.70	1.440	4.536	3.55	3.25			0.264	8.223	1.020	0.140	0.128
SSC-070060-2			10.50	0.915	5.289	4.72	4.42			0.413	5.225	1.189	0.186	0.174
SSC-070060-3	7.00	0.60	16.20	0.592	5.760	6.47	6.17	0.276	0.024	0.638	3.381	1.295	0.255	0.243
SSC-070060-4			24.00	0.404	6.137	8.81	8.51			0.945	2.307	1.380	0.347	0.335
SSC-070060-5			35.50	0.273	6.325	12.33	12.03			1.398	1.559	1.423	0.485	0.474
SSC-071080-1			10.50	4.769	20.745	6.15	4.00			0.413	27.232	4.664	0.242	0.157
SSC-071080-2			15.50	3.031	20.762	8.65	5.90			0.610	17.308	4.668	0.341	0.232
SSC-071080-3	7.10	0.80	23.00	1.961	20.767	12.41	8.24	0.280	0.031	0.906	11.198	4.669	0.489	0.324
SSC-071080-4			33.00	1.331	20.777	17.39	11.39			1.299	7.601	4.671	0.685	0.448
SSC-071080-5			48.00	0.901	20.786	24.93	16.06			1.890	5.145	4.673	0.981	0.632
SSC-071080-6			65.00	0.609	20.797	30.85	23.01			2.559	3.478	4.676	1.215	0.906
SSC-073100-1			10.00	11.571	37.837	6.73	5.43			0.394	66.073	8.507	0.265	0.214
SSC-073100-2			14.50	7.391	37.842	9.38	7.37			0.571	42.204	8.508	0.369	0.290
SSC-073100-3	7.30	1.00	21.50	4.789	37.833	13.60	10.29	0.287	0.039	0.846	27.346	8.506	0.535	0.405
SSC-073100-4			30.50	3.259	37.837	18.89	14.18			1.201	18.610	8.507	0.744	0.558
SSC-073100-5			43.50	2.199	37.845	26.29	20.05			1.713	12.557	8.508	1.035	0.789

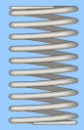
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-075070-1			14.70	2.224	13.300	8.72	3.85			0.579	12.700	2.990	0.343	0.152
SSC-075070-2			21.80	1.413	13.296	12.39	5.25			0.858	8.069	2.990	0.488	0.207
SSC-075070-3	7.50	0.70	35.80	0.820	13.325	19.55	8.05	0.295	0.028	1.409	4.683	2.996	0.770	0.317
SSC-075070-4			56.80	0.501	13.287	30.28	12.25			2.236	2.861	2.987	1.192	0.482
SSC-075070-5			63.50	0.433	13.297	32.79	13.65			2.500	2.473	2.990	1.291	0.537
SSC-076125-1			12.00	29.029	68.218	9.65	6.68			0.472	165.760	15.337	0.380	0.263
SSC-076125-2			17.00	18.041	71.803	13.02	9.22			0.669	103.017	16.142	0.513	0.363
SSC-076125-3	7.55	1.25	25.00	11.771	71.921	18.89	12.80	0.297	0.049	0.984	67.215	16.169	0.744	0.504
SSC-076125-4			35.50	8.091	71.929	26.61	17.48			1.398	46.201	16.171	1.048	0.688
SSC-076125-5			51.50	5.391	71.916	38.16	24.99			2.028	30.784	16.168	1.502	0.984
SSC-022D-00			9.52	1.432	6.945	4.67	2.25			0.375	8.177	1.562	0.184	0.089
SSC-022D-0			11.11	1.187	6.944	5.26	2.45			0.438	6.778	1.562	0.207	0.096
SSC-022D-1			12.70	1.138	6.953	6.59	2.70			0.500	6.499	1.564	0.259	0.106
SSC-022D-2			14.29	1.049	6.944	7.67	2.80			0.563	5.990	1.562	0.302	0.110
SSC-022D-3			15.88	0.873	6.949	7.92	3.10			0.625	4.985	1.563	0.312	0.122
SSC-022D-4			17.46	0.785	6.955	8.60	3.25			0.688	4.483	1.564	0.339	0.128
SSC-022D-5			19.05	0.696	6.946	9.07	3.40			0.750	3.975	1.562	0.357	0.134
SSC-022D-6	7.62	0.56	20.64	0.608	6.949	9.21	3.95	0.300	0.022	0.813	3.472	1.563	0.363	0.156
SSC-022D-7			22.22	0.563	6.947	9.88	4.15			0.875	3.215	1.562	0.389	0.163
SSC-022D-8			25.40	0.490	6.943	11.23	4.60			1.000	2.798	1.561	0.442	0.181
SSC-022D-9			31.75	0.402	6.947	14.47	5.25			1.250	2.296	1.562	0.570	0.207
SSC-022D-10			38.10	0.353	6.951	18.41	5.80			1.500	2.016	1.563	0.725	0.228
SSC-022D-11			44.45	0.289	6.950	20.40	6.85			1.750	1.651	1.563	0.803	0.270
SSC-022D-12			50.80	0.245	6.946	22.45	7.95			2.000	1.399	1.562	0.884	0.313
SSC-022D-13			57.15	0.212	6.937	24.43	9.05			2.250	1.211	1.560	0.962	0.356
SSC-022D-14			63.50	0.187	6.969	26.23	9.95			2.500	1.068	1.567	1.033	0.392
SSC-026D-1			11.11	2.275	11.011	6.27	3.00			0.438	12.991	2.476	0.247	0.118
SSC-026D-2			12.70	2.010	11.015	7.22	3.35			0.500	11.478	2.477	0.284	0.132
SSC-026D-3			14.29	1.746	11.017	7.98	3.65			0.563	9.970	2.477	0.314	0.144
SSC-026D-4			15.88	1.569	11.014	8.86	3.85			0.625	8.960	2.477	0.349	0.152
SSC-026D-5			17.46	1.402	11.006	9.61	4.15			0.688	8.006	2.475	0.378	0.163
SSC-026D-6			19.05	1.314	11.011	10.67	4.30			0.750	7.504	2.476	0.420	0.169
SSC-026D-7			20.64	1.226	11.022	11.65	4.65			0.813	7.001	2.478	0.459	0.183
SSC-026D-8	7.62	0.66	22.22	1.049	11.015	11.72	5.15	0.300	0.026	0.875	5.990	2.477	0.461	0.203
SSC-026D-9			23.81	0.961	11.013	12.35	5.35			0.938	5.488	2.476	0.486	0.211
SSC-026D-10			25.40	0.873	11.017	12.78	5.80			1.000	4.985	2.477	0.503	0.228
SSC-026D-11			31.75	0.755	11.015	17.16	6.50			1.250	4.312	2.477	0.676	0.256
SSC-026D-12			38.10	0.608	11.017	19.98	7.65			1.500	3.472	2.477	0.787	0.301
SSC-026D-13			44.45	0.520	11.024	23.25	8.70			1.750	2.970	2.479	0.915	0.343
SSC-026D-14			50.80	0.451	11.018	26.37	9.75			2.000	2.576	2.477	1.038	0.384
SSC-026D-15			57.15	0.405	11.032	29.91	11.05			2.250	2.313	2.481	1.178	0.435
SSC-026D-16			63.50	0.364	11.011	33.25	12.15			2.500	2.079	2.476	1.309	0.478

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-030D-1			11.11	3.501	16.700	6.34	3.90			0.438	19.992	3.755	0.250	0.154
SSC-030D-2			12.70	2.971	16.697	7.08	4.25			0.500	16.965	3.754	0.279	0.167
SSC-030D-3			14.29	2.618	16.703	7.91	4.65			0.563	14.950	3.755	0.311	0.183
SSC-030D-4			15.88	2.324	16.710	8.69	5.05			0.625	13.271	3.757	0.342	0.199
SSC-030D-5			17.46	2.099	16.708	9.50	5.40			0.688	11.986	3.757	0.374	0.213
SSC-030D-6			19.05	1.922	16.702	10.36	5.85			0.750	10.975	3.755	0.408	0.230
SSC-030D-7			20.64	1.746	16.709	11.07	6.25			0.813	9.970	3.757	0.436	0.246
SSC-030D-8	7.62	0.76	22.22	1.628	16.703	11.96	6.65	0.300	0.030	0.875	9.297	3.756	0.471	0.262
SSC-030D-9			23.81	1.500	16.695	12.68	7.00			0.938	8.566	3.754	0.499	0.276
SSC-030D-10			25.40	1.402	16.698	13.49	7.40			1.000	8.006	3.754	0.531	0.291
SSC-030D-11			31.75	1.098	16.701	16.54	8.95			1.250	6.270	3.755	0.651	0.352
SSC-030D-12			38.10	0.912	16.708	19.78	10.50			1.500	5.208	3.757	0.779	0.413
SSC-030D-13			44.45	0.785	16.721	23.15	12.05			1.750	4.483	3.759	0.911	0.474
SSC-030D-14			50.80	0.667	16.715	25.74	13.65			2.000	3.809	3.758	1.013	0.537
SSC-030D-15			57.15	0.602	16.699	29.41	15.45			2.250	3.438	3.755	1.158	0.608
SSC-030D-16			63.50	0.539	16.698	32.52	17.00			2.500	3.078	3.754	1.280	0.669
SSC-032D-1			11.11	4.721	19.781	6.92	4.30			0.438	26.958	4.447	0.272	0.169
SSC-032D-2			12.70	4.021	19.824	7.77	4.70			0.500	22.961	4.457	0.306	0.185
SSC-032D-3			14.29	3.501	19.851	8.62	5.10			0.563	19.992	4.463	0.339	0.201
SSC-032D-4			15.88	3.148	19.832	9.58	5.50			0.625	17.976	4.459	0.377	0.217
SSC-032D-5			17.46	2.795	19.845	10.36	6.10			0.688	15.960	4.462	0.408	0.240
SSC-032D-6			19.05	2.618	19.844	11.47	6.30			0.750	14.950	4.462	0.452	0.248
SSC-032D-7			20.64	2.363	19.849	12.24	6.75			0.813	13.494	4.463	0.482	0.266
SSC-032D-8	7.62	0.81	22.22	2.099	19.857	12.76	7.35	0.300	0.032	0.875	11.986	4.464	0.502	0.289
SSC-032D-9			23.81	1.922	19.854	13.48	7.95			0.938	10.975	4.464	0.531	0.313
SSC-032D-10			25.40	1.746	19.852	14.03	8.55			1.000	9.970	4.463	0.552	0.337
SSC-032D-11			31.75	1.500	19.845	18.52	9.75			1.250	8.566	4.462	0.729	0.384
SSC-032D-12			38.10	1.226	19.849	21.91	11.45			1.500	7.001	4.463	0.863	0.451
SSC-032D-13			44.45	1.049	19.847	25.53	13.15			1.750	5.990	4.462	1.005	0.518
SSC-032D-14			50.80	0.922	19.860	29.26	14.55			2.000	5.265	4.465	1.152	0.573
SSC-032D-15			57.15	0.824	19.858	33.05	16.15			2.250	4.706	4.465	1.301	0.636
SSC-032D-16			63.50	0.716	19.855	35.77	17.80			2.500	4.089	4.464	1.408	0.701

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-035D-1			9.52	8.027	25.847	6.30	4.25			0.375	45.836	5.811	0.248	0.167
SSC-035D-2			11.11	6.659	25.837	7.23	4.75			0.438	38.024	5.809	0.285	0.187
SSC-035D-3			12.70	5.698	25.869	8.16	5.25			0.500	32.537	5.816	0.321	0.207
SSC-035D-4			14.29	4.982	25.857	9.10	5.75			0.563	28.448	5.813	0.358	0.226
SSC-035D-5			15.88	4.413	25.860	10.02	6.25			0.625	25.199	5.814	0.394	0.246
SSC-035D-6			17.46	3.972	25.897	10.94	6.70			0.688	22.681	5.822	0.431	0.264
SSC-035D-7			19.05	3.599	25.877	11.86	7.20			0.750	20.551	5.818	0.467	0.283
SSC-035D-8			20.64	3.300	25.938	12.78	7.70			0.813	18.844	5.832	0.503	0.303
SSC-035D-9			22.22	3.040	25.870	13.71	8.20			0.875	17.359	5.816	0.540	0.323
SSC-035D-10	7.62	0.89	23.81	2.824	25.868	14.65	8.70	0.300	0.035	0.938	16.126	5.816	0.577	0.343
SSC-035D-11			25.40	2.628	25.886	15.55	9.20			1.000	15.007	5.820	0.612	0.362
SSC-035D-12			28.58	2.324	25.889	17.44	10.20			1.125	13.271	5.821	0.687	0.402
SSC-035D-13			31.75	2.075	26.000	19.22	11.20			1.250	11.849	5.845	0.757	0.441
SSC-035D-14			34.93	1.873	25.885	21.11	12.15			1.375	10.696	5.820	0.831	0.478
SSC-035D-15			38.10	1.716	25.877	23.02	13.15			1.500	9.799	5.818	0.906	0.518
SSC-035D-16			44.45	1.461	25.889	26.73	15.15			1.750	8.343	5.821	1.052	0.596
SSC-035D-17			50.80	1.265	25.895	30.33	17.10			2.000	7.224	5.822	1.194	0.673
SSC-035D-18			57.15	1.128	25.899	34.19	19.10			2.250	6.442	5.823	1.346	0.752
SSC-035D-19			63.50	1.010	25.886	37.87	21.10			2.500	5.768	5.820	1.491	0.831
SSC-038D-1			9.52	11.194	32.686	6.60	4.60			0.375	63.920	7.349	0.260	0.181
SSC-038D-2			11.11	9.272	32.730	7.58	5.10			0.438	52.945	7.359	0.298	0.201
SSC-038D-3			12.70	8.046	32.747	8.63	5.55			0.500	45.944	7.362	0.340	0.219
SSC-038D-4			14.29	6.820	32.736	9.49	6.30			0.563	38.944	7.360	0.374	0.248
SSC-038D-5			15.88	6.124	32.763	10.53	6.80			0.625	34.969	7.366	0.415	0.268
SSC-038D-6			17.46	5.247	32.794	11.21	7.50			0.688	29.962	7.373	0.441	0.295
SSC-038D-7			19.05	4.898	32.768	12.36	8.00			0.750	27.969	7.367	0.487	0.315
SSC-038D-8			20.64	4.550	32.806	13.43	8.50			0.813	25.982	7.375	0.529	0.335
SSC-038D-9			22.22	4.021	32.811	14.06	9.45			0.875	22.961	7.377	0.554	0.372
SSC-038D-10	7.62	0.96	23.81	3.844	32.828	15.27	9.70	0.300	0.038	0.938	21.950	7.380	0.601	0.382
SSC-038D-11			25.40	3.672	32.754	16.48	10.15			1.000	20.968	7.364	0.649	0.400
SSC-038D-12			28.58	3.324	32.808	18.71	10.85			1.125	18.981	7.376	0.737	0.427
SSC-038D-13			31.75	2.795	32.813	20.01	12.55			1.250	15.960	7.377	0.788	0.494
SSC-038D-14			34.93	2.618	32.804	22.40	13.55			1.375	14.950	7.375	0.882	0.533
SSC-038D-15			38.10	2.363	32.822	24.21	14.50			1.500	13.494	7.379	0.953	0.571
SSC-038D-16			44.45	1.966	32.754	27.79	16.80			1.750	11.227	7.364	1.094	0.661
SSC-038D-17			50.80	1.657	32.825	30.99	19.60			2.000	9.462	7.380	1.220	0.772
SSC-038D-18			57.15	1.510	32.827	35.41	21.80			2.250	8.623	7.380	1.394	0.858
SSC-038D-19			63.50	1.353	32.824	39.24	24.00			2.500	7.726	7.380	1.545	0.945

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-040D-1			9.52	13.989	37.491	6.84	4.95			0.375	79.880	8.429	0.269	0.195
SSC-040D-2			11.11	11.890	37.454	7.96	5.55			0.438	67.894	8.420	0.313	0.219
SSC-040D-3			12.70	9.968	37.480	8.94	6.15			0.500	56.919	8.426	0.352	0.242
SSC-040D-4			14.29	8.575	37.473	9.92	6.65			0.563	48.965	8.425	0.391	0.262
SSC-040D-5			15.88	7.693	37.465	11.01	7.35			0.625	43.929	8.423	0.433	0.289
SSC-040D-6			17.46	6.820	37.442	11.97	8.00			0.688	38.944	8.418	0.471	0.315
SSC-040D-7			19.05	6.124	37.479	12.93	8.70			0.750	34.969	8.426	0.509	0.343
SSC-040D-8			20.64	5.594	37.480	13.94	9.30			0.813	31.943	8.426	0.549	0.366
SSC-040D-9			22.22	5.247	37.516	15.07	10.00			0.875	29.962	8.434	0.593	0.394
SSC-040D-10	7.62	1.02	23.81	4.898	37.470	16.16	10.15	0.300	0.040	0.938	27.969	8.424	0.636	0.400
SSC-040D-11			25.40	4.550	37.538	17.15	10.90			1.000	25.982	8.439	0.675	0.429
SSC-040D-12			28.58	4.021	37.556	19.24	12.05			1.125	22.961	8.443	0.757	0.474
SSC-040D-13			31.75	3.501	37.531	21.03	13.00			1.250	19.992	8.438	0.828	0.512
SSC-040D-14			34.93	3.148	37.556	23.00	14.00			1.375	17.976	8.443	0.906	0.551
SSC-040D-15			38.10	2.795	37.537	24.67	16.50			1.500	15.960	8.439	0.971	0.650
SSC-040D-16			44.45	2.452	37.540	29.14	18.25			1.750	14.002	8.440	1.147	0.719
SSC-040D-17			50.80	2.099	37.551	32.91	20.55			2.000	11.986	8.442	1.296	0.809
SSC-040D-18			57.15	1.873	37.554	37.10	23.05			2.250	10.696	8.443	1.461	0.907
SSC-040D-19			63.50	1.677	37.548	41.11	25.40			2.500	9.576	8.442	1.619	1.000
SSC-042D-1			9.52	18.362	42.967	7.18	5.10			0.375	104.850	9.660	0.283	0.201
SSC-042D-2			11.11	15.391	43.095	8.31	5.65			0.438	87.885	9.689	0.327	0.222
SSC-042D-3			12.70	12.243	43.095	9.18	6.45			0.500	69.910	9.689	0.361	0.254
SSC-042D-4			14.29	10.497	43.038	10.19	7.25			0.563	59.940	9.676	0.401	0.285
SSC-042D-5			15.88	9.095	43.110	11.14	8.05			0.625	51.934	9.692	0.439	0.317
SSC-042D-6			17.46	8.046	43.046	12.11	8.55			0.688	45.944	9.678	0.477	0.337
SSC-042D-7			19.05	7.350	43.071	13.19	9.10			0.750	41.970	9.683	0.519	0.358
SSC-042D-8			20.64	6.649	43.152	14.15	9.90			0.813	37.967	9.701	0.557	0.390
SSC-042D-9			22.22	5.947	43.116	14.97	10.70			0.875	33.959	9.693	0.589	0.421
SSC-042D-10	7.62	1.07	23.81	5.594	43.074	16.11	11.50	0.300	0.042	0.938	31.943	9.684	0.634	0.453
SSC-042D-11			25.40	5.251	43.111	17.19	12.05			1.000	29.984	9.692	0.677	0.474
SSC-042D-12			28.58	4.898	43.102	19.78	12.85			1.125	27.969	9.690	0.779	0.506
SSC-042D-13			31.75	4.197	43.145	21.47	14.70			1.250	23.966	9.700	0.845	0.579
SSC-042D-14			34.93	3.844	43.130	23.71	16.05			1.375	21.950	9.696	0.933	0.632
SSC-042D-15			38.10	3.501	43.167	25.77	17.10			1.500	19.992	9.705	1.015	0.673
SSC-042D-16			44.45	2.883	43.159	29.48	19.95			1.750	16.463	9.703	1.161	0.785
SSC-042D-17			50.80	2.534	43.078	33.80	22.45			2.000	14.470	9.685	1.331	0.884
SSC-042D-18			57.15	2.275	43.157	38.18	25.25			2.250	12.991	9.703	1.503	0.994
SSC-042D-19			63.50	2.030	43.158	42.24	27.40			2.500	11.592	9.703	1.663	1.079

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-045D-1			9.52	21.687	52.049	7.12	5.75			0.375	123.836	11.702	0.280	0.226
SSC-045D-2			11.11	18.009	52.046	8.22	6.60			0.438	102.835	11.701	0.324	0.260
SSC-045D-3			12.70	15.744	52.113	9.39	6.90			0.500	89.901	11.716	0.370	0.272
SSC-045D-4			14.29	13.469	52.125	10.42	8.05			0.563	76.910	11.719	0.410	0.317
SSC-045D-5			15.88	12.067	52.129	11.56	8.60			0.625	68.905	11.720	0.455	0.339
SSC-045D-6			17.46	10.674	52.196	12.57	9.45			0.688	60.951	11.735	0.495	0.372
SSC-045D-7			19.05	9.625	52.168	13.63	10.30			0.750	54.961	11.728	0.537	0.406
SSC-045D-8			20.64	8.919	52.176	14.79	10.60			0.813	50.929	11.730	0.582	0.417
SSC-045D-9			22.22	8.046	52.138	15.74	11.45			0.875	45.944	11.722	0.620	0.451
SSC-045D-10	7.62	1.14	23.81	7.350	52.185	16.71	12.60	0.300	0.045	0.938	41.970	11.732	0.658	0.496
SSC-045D-11			25.40	6.996	52.190	17.94	13.15			1.000	39.949	11.733	0.706	0.518
SSC-045D-12			28.58	6.296	52.256	20.28	14.30			1.125	35.951	11.748	0.798	0.563
SSC-045D-13			31.75	5.594	52.136	22.43	16.05			1.250	31.943	11.721	0.883	0.632
SSC-045D-14			34.93	5.070	52.272	24.62	16.85			1.375	28.951	11.752	0.969	0.663
SSC-045D-15			38.10	4.550	52.237	26.62	18.85			1.500	25.983	11.744	1.048	0.742
SSC-045D-16			44.45	3.844	52.243	30.86	21.85			1.750	21.951	11.745	1.215	0.860
SSC-045D-17			50.80	3.324	52.260	35.08	24.40			2.000	18.984	11.749	1.381	0.961
SSC-045D-18			57.15	2.971	52.267	39.56	27.45			2.250	16.968	11.751	1.557	1.081
SSC-045D-19			63.50	2.677	52.259	43.98	30.25			2.500	15.288	11.749	1.731	1.191
SSC-047D-1			9.52	27.870	59.084	7.40	5.95			0.375	159.142	13.283	0.291	0.234
SSC-047D-2			11.11	23.163	59.066	8.56	6.65			0.438	132.265	13.279	0.337	0.262
SSC-047D-3			12.70	19.622	59.258	9.68	7.40			0.500	112.045	13.322	0.381	0.291
SSC-047D-4			14.29	17.024	59.244	10.81	8.20			0.563	97.210	13.319	0.426	0.323
SSC-047D-5			15.88	15.004	59.266	11.93	8.95			0.625	85.676	13.324	0.470	0.352
SSC-047D-6			17.46	13.435	59.248	13.05	9.70			0.688	76.716	13.320	0.514	0.382
SSC-047D-7			19.05	12.141	59.248	14.17	10.45			0.750	69.327	13.320	0.558	0.411
SSC-047D-8			20.64	11.096	59.142	15.31	11.25			0.813	63.360	13.296	0.603	0.443
SSC-047D-9			22.22	10.199	59.256	16.41	12.00			0.875	58.238	13.322	0.646	0.472
SSC-047D-10	7.62	1.19	23.81	9.454	59.277	17.54	12.75	0.300	0.047	0.938	53.984	13.326	0.691	0.502
SSC-047D-11			25.40	8.797	59.204	18.67	13.55			1.000	50.233	13.310	0.735	0.533
SSC-047D-12			28.58	7.728	59.274	20.91	15.05			1.125	44.129	13.326	0.823	0.593
SSC-047D-13			31.75	6.894	59.219	23.16	16.60			1.250	39.366	13.314	0.912	0.654
SSC-047D-14			34.93	6.217	59.248	25.40	18.10			1.375	35.500	13.320	1.000	0.713
SSC-047D-15			38.10	5.668	59.231	27.65	19.65			1.500	32.366	13.316	1.089	0.774
SSC-047D-16			44.45	4.815	59.273	32.14	22.70			1.750	27.495	13.326	1.265	0.894
SSC-047D-17			50.80	4.178	59.286	36.61	25.75			2.000	23.857	13.328	1.441	1.014
SSC-047D-18			57.15	3.697	59.263	41.12	28.80			2.250	21.111	13.323	1.619	1.134
SSC-047D-19			63.50	3.315	59.272	45.62	31.85			2.500	18.930	13.325	1.796	1.254

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-049D-1			9.52	33.878	66.740	7.55	6.20			0.375	193.449	15.004	0.297	0.244
SSC-049D-2			11.11	27.602	66.797	8.69	7.00			0.438	157.612	15.017	0.342	0.276
SSC-049D-3			12.70	23.345	66.767	9.84	7.80			0.500	133.304	15.010	0.387	0.307
SSC-049D-4			14.29	20.228	66.752	10.99	8.65			0.563	115.505	15.007	0.433	0.341
SSC-049D-5			15.88	17.805	66.769	12.13	9.45			0.625	101.670	15.011	0.477	0.372
SSC-049D-6			17.46	15.937	66.776	13.27	10.25			0.688	91.003	15.012	0.522	0.404
SSC-049D-7			19.05	14.396	66.797	14.41	11.10			0.745	82.204	15.017	0.567	0.437
SSC-049D-8			20.64	13.145	66.777	15.56	11.90			0.813	75.060	15.012	0.613	0.469
SSC-049D-9			22.22	12.082	66.813	16.69	12.75			0.875	68.990	15.021	0.657	0.502
SSC-049D-10	7.62	1.24	23.81	11.189	66.798	17.84	13.55	0.300	0.049	0.938	63.891	15.017	0.702	0.533
SSC-049D-11			25.40	10.405	66.800	18.98	14.35			1.000	59.415	15.018	0.747	0.565
SSC-049D-12			28.58	9.140	66.813	21.27	16.00			1.125	52.191	15.021	0.837	0.630
SSC-049D-13			31.75	8.149	66.822	23.55	17.65			1.250	46.532	15.023	0.927	0.695
SSC-049D-14			34.93	7.350	66.738	25.85	19.25			1.375	41.970	15.004	1.018	0.758
SSC-049D-15			38.10	6.698	66.846	28.12	20.90			1.500	38.247	15.028	1.107	0.823
SSC-049D-16			44.45	5.678	66.830	32.68	24.15			1.750	32.423	15.024	1.287	0.951
SSC-049D-17			50.80	4.933	66.842	37.25	27.45			2.000	28.169	15.027	1.467	1.081
SSC-049D-18			57.15	4.364	66.813	41.84	30.70			2.250	24.920	15.021	1.647	1.209
SSC-049D-19			63.50	3.903	66.819	46.38	34.00			2.500	22.287	15.022	1.826	1.339
SSC-051D-1			9.52	40.266	73.687	7.69	6.50			0.375	229.925	16.566	0.303	0.256
SSC-051D-2			11.11	32.715	73.609	8.86	7.35			0.438	186.808	16.548	0.349	0.289
SSC-051D-3			12.70	27.625	73.483	10.04	8.25			0.500	157.743	16.520	0.395	0.325
SSC-051D-4			14.29	23.899	73.609	11.21	9.10			0.563	136.467	16.548	0.441	0.358
SSC-051D-5			15.88	21.016	73.556	12.38	10.00			0.625	120.005	16.537	0.487	0.394
SSC-051D-6			17.46	18.790	73.657	13.54	10.85			0.688	107.294	16.559	0.533	0.427
SSC-051D-7			19.05	16.966	73.632	14.71	11.70			0.750	96.879	16.554	0.579	0.461
SSC-051D-8			20.64	15.485	73.554	15.89	12.60			0.813	88.422	16.536	0.626	0.496
SSC-051D-9			22.22	14.220	73.660	17.04	13.45			0.875	81.199	16.560	0.671	0.530
SSC-051D-10	7.62	1.30	23.81	13.170	73.620	18.22	14.35	0.300	0.051	0.938	75.203	16.551	0.717	0.565
SSC-051D-11			25.40	12.239	73.679	19.38	15.20			1.000	69.887	16.564	0.763	0.598
SSC-051D-12			28.58	10.748	73.624	21.73	16.95			1.125	61.373	16.552	0.856	0.667
SSC-051D-13			31.75	9.571	73.697	24.05	18.70			1.250	54.652	16.568	0.947	0.736
SSC-051D-14			34.93	8.640	73.699	26.40	20.45			1.375	49.336	16.569	1.039	0.805
SSC-051D-15			38.10	7.865	73.695	28.73	22.20			1.500	44.911	16.568	1.131	0.874
SSC-051D-16			44.45	6.669	73.692	33.40	25.70			1.750	38.081	16.567	1.315	1.012
SSC-051D-17			50.80	5.796	73.667	38.09	29.20			2.000	33.097	16.562	1.500	1.150
SSC-051D-18			57.15	5.119	73.662	42.76	32.70			2.250	29.231	16.560	1.683	1.287
SSC-051D-19			63.50	4.580	73.692	47.41	36.15			2.500	26.153	16.567	1.867	1.423

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



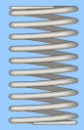
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WR810-2		0.45	10.0		2.058	3.00	2.70		0.018	0.394		0.463	0.118	0.106
SSC-WR815-3		0.50	15.0		3.146	4.30	4.00		0.020	0.591		0.708	0.169	0.157
SSC-WR820-4		0.50	20.0		4.616	4.30	4.00		0.020	0.787		1.038	0.169	0.157
SSC-WR825-5		0.55	25.0		5.557	6.10	5.80		0.022	0.984		1.250	0.240	0.228
SSC-WR830-6		0.60	30.0		6.262	8.70	8.40		0.024	1.181		1.408	0.343	0.331
SSC-WR835-7		0.60	35.0		7.732	8.70	8.40		0.024	1.378		1.739	0.343	0.331
SSC-WR840-8	8.00	0.60	40.0	0.294	8.132	12.34	8.40	0.315	0.024	1.575	1.679	1.829	0.486	0.331
SSC-WR845-9		0.70	45.0		8.438	16.30	16.00		0.028	1.772		1.897	0.642	0.630
SSC-WR850-10		0.70	50.0		9.908	16.30	16.00		0.028	1.969		2.228	0.642	0.630
SSC-WR855-11		0.70	55.0		11.378	16.30	16.00		0.028	2.165		2.558	0.642	0.630
SSC-WR860-12		0.70	60.0		12.510	17.45	16.00		0.028	2.362		2.813	0.687	0.630
SSC-WR865-13		0.70	65.0		12.510	22.45	16.00		0.028	2.559		2.813	0.884	0.630
SSC-WR870-14		0.70	70.0		12.510	27.45	16.00		0.028	2.756		2.813	1.081	0.630
SSC-WF810-1		0.60	10.0		2.254	5.40	5.10		0.024	0.394		0.507	0.213	0.201
SSC-WF815-2		0.65	15.0		3.528	7.80	7.50		0.026	0.591		0.794	0.307	0.295
SSC-WF820-3		0.70	20.0		4.361	11.10	10.80		0.028	0.787		0.981	0.437	0.425
SSC-WF825-4		0.70	25.0		6.811	11.10	10.80		0.028	0.984		1.532	0.437	0.425
SSC-WF830-5		0.75	30.0		7.448	14.80	14.50		0.030	1.181		1.675	0.583	0.571
SSC-WF835-6		0.75	35.0		9.898	14.80	14.50		0.030	1.378		2.226	0.583	0.571
SSC-WF840-7	8.00	0.80	40.0	0.490	9.653	20.30	20.00	0.315	0.031	1.575	2.798	2.171	0.799	0.787
SSC-WF845-8		0.80	45.0		12.103	20.30	20.00		0.031	1.772		2.721	0.799	0.787
SSC-WF850-9		0.80	50.0		14.553	20.30	20.00		0.031	1.969		3.272	0.799	0.787
SSC-WF855-10		0.80	55.0		17.003	20.30	20.00		0.031	2.165		3.823	0.799	0.787
SSC-WF860-11		0.85	60.0		15.729	27.90	27.60		0.033	2.362		3.537	1.098	1.087
SSC-WF865-12		0.85	65.0		18.179	27.90	27.60		0.033	2.559		4.087	1.098	1.087
SSC-WF870-13		0.85	70.0		20.629	27.90	27.60		0.033	2.756		4.638	1.098	1.087
SSC-WL810-1		0.65	10.0		4.905	5.00	4.70		0.026	0.394		1.103	0.197	0.185
SSC-WL815-2		0.75	15.0		6.082	8.80	8.50		0.030	0.591		1.368	0.346	0.335
SSC-WL820-3		0.75	20.0		10.987	8.80	8.50		0.030	0.787		2.471	0.346	0.335
SSC-WL825-4		0.75	25.0		15.353	9.35	8.50		0.030	0.984		3.452	0.368	0.335
SSC-WL830-5		0.80	30.0		18.149	11.50	11.20		0.031	1.181		4.080	0.453	0.441
SSC-WL835-6		0.80	35.0		18.561	16.08	11.20		0.031	1.378		4.173	0.633	0.441
SSC-WL840-7	8.00	0.80	40.0	0.981	18.561	21.08	11.20	0.315	0.031	1.575	5.602	4.173	0.830	0.441
SSC-WL845-8		0.85	45.0		21.621	22.96	15.30		0.033	1.772		4.861	0.904	0.602
SSC-WL850-9		0.85	50.0		21.621	27.96	15.30		0.033	1.969		4.861	1.101	0.602
SSC-WL855-10		0.85	55.0		21.621	32.96	15.30		0.033	2.165		4.861	1.298	0.602
SSC-WL860-11		0.90	60.0		25.575	33.93	19.40		0.035	2.362		5.750	1.336	0.764
SSC-WL865-12		0.90	65.0		25.575	38.93	19.40		0.035	2.559		5.750	1.533	0.764
SSC-WL870-13		1.00	70.0		34.826	34.50	31.00		0.039	2.756		7.830	1.358	1.220

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WT810-1		0.70	10.0		10.433	4.68	4.38		0.028	0.394		2.346	0.184	0.172
SSC-WT815-2		0.80	15.0		15.492	7.10	6.80		0.031	0.591		3.483	0.280	0.268
SSC-WT820-3		0.80	20.0		18.551	10.54	6.80		0.031	0.787		4.171	0.415	0.268
SSC-WT825-4		0.80	25.0		18.551	15.54	6.80		0.031	0.984		4.171	0.612	0.268
SSC-WT830-5		0.90	30.0		25.552	16.97	10.80		0.035	1.181		5.745	0.668	0.425
SSC-WT835-6		0.90	35.0		25.552	21.97	10.80		0.035	1.378		5.745	0.865	0.425
SSC-WT840-7	8.00	1.00	40.0	1.961	34.808	22.25	17.50	0.315	0.039	1.575	11.198	7.826	0.876	0.689
SSC-WT845-8		1.00	45.0		34.808	27.25	17.50		0.039	1.772		7.826	1.073	0.689
SSC-WT850-9		1.00	50.0		34.808	32.25	17.50		0.039	1.969		7.826	1.270	0.689
SSC-WT855-10		1.10	55.0		44.750	32.18	27.50		0.043	2.165		10.061	1.267	1.083
SSC-WT860-11		1.10	60.0		44.750	37.18	27.50		0.043	2.362		10.061	1.464	1.083
SSC-WT865-12		1.10	65.0		44.750	42.18	27.50		0.043	2.559		10.061	1.661	1.083
SSC-WT870-13		1.10	70.0		44.750	47.18	27.50		0.043	2.756		10.061	1.857	1.083
SSC-WM810-1		0.75	10.0		15.328	4.79	4.20		0.030	0.394		3.446	0.189	0.165
SSC-WM815-2		0.90	15.0		18.240	8.80	8.50		0.035	0.591		4.101	0.346	0.335
SSC-WM820-3		0.90	20.0		25.566	11.31	8.50		0.035	0.787		5.748	0.445	0.335
SSC-WM825-4		0.90	25.0		25.566	16.31	8.50		0.035	0.984		5.748	0.642	0.335
SSC-WM830-5		0.90	30.0		25.566	21.31	8.50		0.035	1.181		5.748	0.839	0.335
SSC-WM835-6		1.00	35.0		34.804	23.17	13.00		0.039	1.378		7.825	0.912	0.512
SSC-WM840-7	8.00	1.00	40.0	2.942	34.804	28.17	13.00	0.315	0.039	1.575	16.800	7.825	1.109	0.512
SSC-WM845-8		1.10	45.0		44.748	29.79	19.80		0.043	1.772		10.060	1.173	0.780
SSC-WM850-9		1.10	50.0		44.748	34.79	19.80		0.043	1.969		10.060	1.370	0.780
SSC-WM855-10		1.20	55.0		57.604	35.42	31.20		0.047	2.165		12.950	1.394	1.228
SSC-WM860-11		1.20	60.0		57.604	40.42	31.20		0.047	2.362		12.950	1.591	1.228
SSC-WM865-12		1.20	65.0		57.604	45.42	31.20		0.047	2.559		12.950	1.788	1.228
SSC-WM870-13		1.20	70.0		57.604	50.42	31.20		0.047	2.756		12.950	1.985	1.228
SSC-WH810-1		0.90	10.0		25.537	5.66	5.40		0.035	0.394		5.741	0.223	0.213
SSC-WH815-2		1.00	15.0		34.774	9.09	8.00		0.039	0.591		7.818	0.358	0.315
SSC-WH820-3		1.10	20.0		44.718	12.40	11.50		0.043	0.787		10.054	0.488	0.453
SSC-WH825-4		1.10	25.0		44.718	17.40	11.50		0.043	0.984		10.054	0.685	0.453
SSC-WH830-5		1.20	30.0		57.604	20.21	16.80		0.047	1.181		12.950	0.796	0.661
SSC-WH835-6		1.20	35.0		57.604	25.21	16.80		0.047	1.378		12.950	0.993	0.661
SSC-WH840-7	8.00	1.20	40.0	5.884	56.016	30.48	16.80	0.315	0.047	1.575	33.599	12.593	1.200	0.661
SSC-WH845-8		1.30	45.0		70.608	33.00	24.70		0.051	1.772		15.874	1.299	0.972
SSC-WH850-9		1.30	50.0		70.608	38.00	24.70		0.051	1.969		15.874	1.496	0.972
SSC-WH855-10		1.40	55.0		87.377	40.15	35.00		0.055	2.165		19.644	1.581	1.378
SSC-WH860-11		1.40	60.0		87.377	45.15	35.00		0.055	2.362		19.644	1.778	1.378
SSC-WH865-12		1.40	65.0		87.377	50.15	35.00		0.055	2.559		19.644	1.974	1.378
SSC-WH870-13		1.40	70.0		87.377	55.15	35.00		0.055	2.756		19.644	2.171	1.378

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WB810-1		1.00	10.0		34.815	6.45	6.00		0.039	0.394		7.827	0.254	0.236
SSC-WB815-2		1.20	15.0		38.247	11.10	10.80		0.047	0.591		8.599	0.437	0.425
SSC-WB820-3		1.20	20.0		57.567	14.13	10.80		0.047	0.787		12.942	0.556	0.425
SSC-WB825-4		1.30	25.0		70.610	17.80	17.00		0.051	0.984		15.874	0.701	0.669
SSC-WB830-5		1.30	30.0		70.610	22.80	17.00		0.051	1.181		15.874	0.898	0.669
SSC-WB835-6		1.40	35.0		87.380	26.09	24.50		0.055	1.378		19.644	1.027	0.965
SSC-WB840-7	8.00	1.40	40.0	9.807	87.380	31.09	24.50	0.315	0.055	1.575	56.000	19.644	1.224	0.965
SSC-WB845-8		1.50	45.0		79.633	36.88	36.50		0.059	1.772		17.903	1.452	1.437
SSC-WB850-9		1.50	50.0		106.308	39.16	36.50		0.059	1.969		23.899	1.542	1.437
SSC-WB855-10		1.50	55.0		106.308	44.16	36.50		0.059	2.165		23.899	1.739	1.437
SSC-WB860-11		1.50	60.0		106.308	49.16	36.50		0.059	2.362		23.899	1.935	1.437
SSC-WB865-12		1.60	65.0		124.059	52.35	48.00		0.063	2.559		27.890	2.061	1.890
SSC-WB870-13		1.60	70.0		124.059	57.35	48.00		0.063	2.756		27.890	2.258	1.890
SSC-024DE-1			11.11	1.157	8.134	4.08	2.85			0.438	6.607	1.829	0.161	0.112
SSC-024DE-2			12.70	0.977	8.129	4.38	3.15			0.500	5.579	1.828	0.172	0.124
SSC-024DE-3			14.29	0.847	8.131	4.69	3.45			0.563	4.837	1.828	0.185	0.136
SSC-024DE-4			15.88	0.747	8.127	5.00	3.75			0.625	4.266	1.828	0.197	0.148
SSC-024DE-5			17.46	0.669	8.135	5.30	4.05			0.688	3.821	1.829	0.209	0.159
SSC-024DE-6			19.05	0.605	8.131	5.61	4.35			0.750	3.455	1.828	0.221	0.171
SSC-024DE-7			20.64	0.552	8.131	5.91	4.65			0.813	3.153	1.828	0.233	0.183
SSC-024DE-8	8.00	0.60	22.22	0.508	8.133	6.21	4.95	0.315	0.024	0.875	2.901	1.829	0.244	0.195
SSC-024DE-9			25.40	0.454	8.140	7.47	5.40			1.000	2.593	1.830	0.294	0.213
SSC-024DE-10			31.75	0.353	8.137	8.70	6.60			1.250	2.016	1.830	0.343	0.260
SSC-024DE-11			38.10	0.289	8.144	9.92	7.80			1.500	1.651	1.831	0.391	0.307
SSC-024DE-12			44.45	0.249	8.132	11.79	8.85			1.750	1.422	1.829	0.464	0.348
SSC-024DE-13			50.80	0.215	8.123	13.02	10.05			2.000	1.228	1.827	0.513	0.396
SSC-024DE-14			57.15	0.190	8.153	14.24	11.25			2.250	1.085	1.833	0.561	0.443
SSC-024DE-15			63.50	0.172	8.151	16.11	12.30			2.500	0.983	1.833	0.634	0.484
SSC-028DE-1			11.11	2.043	12.503	4.99	3.50			0.438	11.666	2.811	0.196	0.138
SSC-028DE-2			12.70	1.751	12.502	5.56	3.85			0.500	9.999	2.811	0.219	0.152
SSC-028DE-3			14.29	1.533	12.509	6.13	4.20			0.563	8.754	2.813	0.241	0.165
SSC-028DE-4			15.88	1.362	12.517	6.69	4.55			0.625	7.778	2.814	0.263	0.179
SSC-028DE-5			19.05	1.115	12.521	7.82	5.25			0.750	6.367	2.815	0.308	0.207
SSC-028DE-6			22.22	0.922	12.521	8.64	6.06			0.875	5.265	2.815	0.340	0.238
SSC-028DE-7	8.00	0.70	25.40	0.817	12.508	10.09	6.65	0.315	0.028	1.000	4.666	2.812	0.397	0.262
SSC-028DE-8			31.75	0.629	12.523	11.84	8.23			1.250	3.592	2.816	0.466	0.324
SSC-028DE-9			38.10	0.522	12.523	14.11	9.63			1.500	2.981	2.816	0.556	0.379
SSC-028DE-10			41.28	0.481	12.525	15.24	10.33			1.625	2.747	2.816	0.600	0.406
SSC-028DE-11			44.45	0.446	12.524	16.37	11.03			1.750	2.547	2.816	0.644	0.434
SSC-028DE-12			50.80	0.383	12.513	18.13	12.60			2.000	2.187	2.813	0.714	0.496
SSC-028DE-13			57.15	0.341	12.535	20.39	14.00			2.250	1.948	2.819	0.803	0.551
SSC-028DE-14			63.50	0.307	12.538	22.66	15.40			2.500	1.754	2.819	0.892	0.606

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-031DE-0			11.11	3.633	18.528	6.01	4.00			0.435	20.745	4.166	0.237	0.157
SSC-031DE-1			12.70	3.159	18.543	6.83	4.36			0.500	18.039	4.169	0.269	0.172
SSC-031DE-2			14.29	2.725	18.557	7.48	4.80			0.563	15.561	4.172	0.294	0.189
SSC-031DE-3			15.88	2.422	18.553	8.22	5.20			0.625	13.830	4.171	0.324	0.205
SSC-031DE-4			17.46	2.180	18.552	8.95	5.60			0.688	12.449	4.171	0.352	0.220
SSC-031DE-5			19.05	1.982	18.552	9.69	6.00			0.750	11.318	4.171	0.381	0.236
SSC-031DE-6			22.22	1.677	18.564	11.15	6.80			0.875	9.576	4.174	0.439	0.268
SSC-031DE-7	8.00	0.80	25.40	1.453	18.555	12.63	7.60	0.315	0.031	1.000	8.297	4.172	0.497	0.299
SSC-031DE-8			31.75	1.147	18.558	15.57	9.20			1.250	6.550	4.173	0.613	0.362
SSC-031DE-9			38.10	0.948	18.562	18.52	10.80			1.500	5.414	4.173	0.729	0.425
SSC-031DE-10			41.28	0.872	18.556	20.00	11.60			1.625	4.980	4.172	0.787	0.457
SSC-031DE-11			44.45	0.807	18.553	21.46	12.40			1.750	4.609	4.171	0.845	0.488
SSC-031DE-12			50.80	0.703	18.552	24.41	14.00			2.000	4.015	4.171	0.961	0.551
SSC-031DE-13			57.15	0.623	18.565	27.35	15.60			2.250	3.558	4.174	1.077	0.614
SSC-031DE-14			63.50	0.559	18.564	30.29	17.20			2.500	3.192	4.174	1.193	0.677
SSC-039DE-1			9.52	12.065	34.747	6.64	4.40			0.375	68.893	7.812	0.261	0.173
SSC-039DE-2			11.11	9.652	34.747	7.51	5.00			0.435	55.115	7.812	0.296	0.197
SSC-039DE-3			12.70	8.273	34.747	8.50	5.50			0.500	47.241	7.812	0.335	0.217
SSC-039DE-4			14.29	7.239	34.747	9.49	6.00			0.563	41.336	7.812	0.374	0.236
SSC-039DE-5			15.88	6.435	34.813	10.47	6.50			0.625	36.745	7.827	0.412	0.256
SSC-039DE-6			17.46	5.791	34.804	11.45	7.00			0.688	33.068	7.825	0.451	0.276
SSC-039DE-7			19.05	5.265	34.802	12.44	7.50			0.750	30.064	7.824	0.490	0.295
SSC-039DE-8			22.22	4.455	34.794	14.41	8.50			0.875	25.439	7.822	0.567	0.335
SSC-039DE-9	8.00	1.00	25.40	3.861	34.788	16.39	9.50	0.315	0.039	1.000	22.047	7.821	0.645	0.374
SSC-039DE-10			28.58	3.407	34.785	18.37	10.50			1.125	19.455	7.821	0.723	0.413
SSC-039DE-11			31.75	3.048	34.808	20.33	11.50			1.250	17.405	7.826	0.800	0.453
SSC-039DE-12			34.93	2.732	34.806	22.19	12.60			1.375	15.601	7.825	0.874	0.496
SSC-039DE-13			38.10	2.518	34.799	24.28	13.50			1.500	14.379	7.824	0.956	0.531
SSC-039DE-14			44.45	2.129	34.809	28.10	15.60			1.750	12.157	7.826	1.106	0.614
SSC-039DE-15			50.80	1.856	34.800	32.05	17.60			2.000	10.599	7.824	1.262	0.693
SSC-039DE-16			57.15	1.631	34.806	35.81	19.75			2.250	9.314	7.825	1.410	0.778
SSC-039DE-17			63.50	1.466	34.803	39.76	21.75			2.500	8.372	7.824	1.565	0.856
SSC-049DE-1			12.70	21.722	64.731	9.72	6.82			0.500	124.035	14.553	0.383	0.269
SSC-049DE-2			17.46	14.759	64.792	13.07	8.87			0.688	84.277	14.566	0.515	0.349
SSC-049DE-3			25.40	9.679	64.754	18.71	12.21			1.000	55.270	14.558	0.737	0.481
SSC-049DE-4	8.00	1.25	28.58	8.806	64.815	21.22	13.69	0.315	0.049	1.125	50.286	14.571	0.835	0.539
SSC-049DE-5			34.93	6.816	64.817	25.42	16.31			1.375	38.919	14.572	1.001	0.642
SSC-049DE-6			44.45	5.276	64.789	32.17	20.34			1.750	30.127	14.566	1.267	0.801
SSC-049DE-7			50.80	4.580	64.803	36.65	23.06			2.000	26.151	14.569	1.443	0.908
SSC-049DE-8			63.50	3.628	64.804	45.64	28.46			2.500	20.720	14.569	1.797	1.120

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-024DF-1			12.70	0.830	7.628	3.51	3.20			0.500	4.740	1.715	0.138	0.126
SSC-024DF-2			15.88	0.634	7.456	4.12	3.81			0.625	3.621	1.677	0.162	0.150
SSC-024DF-3			19.05	0.539	7.805	4.57	4.27			0.750	3.078	1.755	0.180	0.168
SSC-024DF-4			22.22	0.449	7.651	5.18	4.88			0.875	2.564	1.721	0.204	0.192
SSC-024DF-5			25.40	0.385	7.550	5.79	5.49			1.000	2.199	1.698	0.228	0.216
SSC-024DF-6			31.75	0.308	7.666	6.86	6.56			1.250	1.759	1.724	0.270	0.258
SSC-024DF-7	8.60	0.61	34.93	0.277	7.606	7.47	7.17	0.339	0.024	1.375	1.582	1.710	0.294	0.282
SSC-024DF-8			38.10	0.251	7.535	8.08	7.78			1.500	1.434	1.694	0.318	0.306
SSC-024DF-9			44.45	0.216	7.625	9.15	8.85			1.750	1.234	1.715	0.360	0.348
SSC-024DF-10			50.80	0.189	7.670	10.22	9.91			2.000	1.080	1.725	0.402	0.390
SSC-024DF-11			57.15	0.166	7.588	11.44	11.13			2.250	0.948	1.706	0.450	0.438
SSC-024DF-12			63.50	0.148	7.524	12.66	12.35			2.500	0.846	1.692	0.498	0.486
SSC-024DF-13			83.00	0.117	7.892	15.55	15.25			3.268	0.669	1.775	0.612	0.600
SSC-028DF-1			12.70	1.935	11.668	6.67	3.15			0.500	11.050	2.624	0.263	0.124
SSC-028DF-2			14.29	1.612	11.671	7.05	3.50			0.563	9.205	2.624	0.278	0.138
SSC-028DF-3			15.88	1.423	11.683	7.67	3.78			0.625	8.126	2.627	0.302	0.149
SSC-028DF-4			19.05	1.180	11.682	9.15	4.27			0.750	6.738	2.627	0.360	0.168
SSC-028DF-5			22.22	0.987	11.676	10.39	4.83			0.875	5.636	2.625	0.409	0.190
SSC-028DF-6			25.40	0.856	11.676	11.76	5.36			1.000	4.888	2.625	0.463	0.211
SSC-028DF-7	8.60	0.70	31.75	0.676	11.675	14.48	6.41	0.339	0.028	1.250	3.861	2.625	0.570	0.252
SSC-028DF-8			34.93	0.612	11.677	15.85	6.93			1.375	3.495	2.626	0.624	0.273
SSC-028DF-9			38.10	0.559	11.678	17.21	7.46			1.500	3.192	2.626	0.678	0.294
SSC-028DF-10			44.45	0.477	11.691	19.94	8.51			1.750	2.724	2.629	0.785	0.335
SSC-028DF-11			50.80	0.415	11.678	22.66	9.56			2.000	2.370	2.626	0.892	0.376
SSC-028DF-12			57.15	0.368	11.688	25.39	10.61			2.250	2.102	2.628	1.000	0.418
SSC-028DF-13			63.50	0.334	11.697	28.48	11.55			2.500	1.908	2.630	1.121	0.455
SSC-031DF-1			14.29	2.858	17.319	8.23	4.00			0.563	16.320	3.894	0.324	0.157
SSC-031DF-2			15.88	2.521	17.319	9.01	4.32			0.625	14.396	3.894	0.355	0.170
SSC-031DF-3			19.05	2.091	17.334	10.76	4.88			0.750	11.940	3.897	0.424	0.192
SSC-031DF-4			22.22	1.750	17.325	12.32	5.52			0.875	9.993	3.895	0.485	0.217
SSC-031DF-5			25.40	1.517	17.324	13.98	6.12			1.000	8.663	3.895	0.550	0.241
SSC-031DF-6	8.60	0.80	31.75	1.199	17.326	17.30	7.32	0.339	0.031	1.250	6.847	3.895	0.681	0.288
SSC-031DF-7			34.93	1.085	17.327	18.96	7.92			1.375	6.196	3.896	0.746	0.312
SSC-031DF-8			38.10	0.991	17.333	20.61	8.52			1.500	5.659	3.897	0.811	0.335
SSC-031DF-9			44.45	0.845	17.339	23.93	9.72			1.750	4.826	3.899	0.942	0.383
SSC-031DF-10			50.80	0.736	17.333	27.25	10.92			2.000	4.203	3.897	1.073	0.430
SSC-031DF-11			57.15	0.652	17.330	30.57	12.12			2.250	3.724	3.896	1.204	0.477
SSC-031DF-12			63.50	0.591	17.322	34.19	13.20			2.500	3.375	3.895	1.346	0.520

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-040DF-1			12.70	6.464	32.514	7.67	5.50			0.500	36.911	7.310	0.302	0.217
SSC-040DF-2			14.29	5.656	32.522	8.54	6.00			0.563	32.297	7.312	0.336	0.236
SSC-040DF-3			15.88	4.973	32.523	9.34	6.55			0.625	28.397	7.312	0.368	0.258
SSC-040DF-4			17.46	4.480	32.525	10.20	7.05			0.688	25.582	7.312	0.402	0.278
SSC-040DF-5			22.22	3.402	32.523	12.66	8.65			0.875	19.426	7.312	0.498	0.341
SSC-040DF-6	8.60	1.00	25.40	2.958	32.538	14.40	9.65	0.339	0.039	1.000	16.891	7.315	0.567	0.380
SSC-040DF-7			28.58	2.616	32.543	16.14	10.65			1.125	14.938	7.316	0.635	0.419
SSC-040DF-8			31.75	2.321	32.564	17.72	11.75			1.250	13.254	7.321	0.698	0.463
SSC-040DF-9			34.93	2.095	32.556	19.39	12.80			1.375	11.963	7.319	0.763	0.504
SSC-040DF-10			38.10	1.917	32.551	21.12	13.80			1.500	10.947	7.318	0.831	0.543
SSC-040DF-11			44.45	1.628	32.560	24.45	15.90			1.750	9.297	7.320	0.963	0.626
SSC-040DF-12			50.80	1.414	32.550	27.78	18.00			2.000	8.075	7.318	1.094	0.709
SSC-086063-1			16.00	0.891	8.750	6.18	3.42			0.630	5.088	1.967	0.243	0.135
SSC-086063-2			24.50	0.571	8.753	9.17	4.64			0.965	3.261	1.968	0.361	0.183
SSC-086063-3	8.63	0.63	37.00	0.371	8.763	13.38	6.46	0.340	0.025	1.457	2.119	1.971	0.527	0.254
SSC-086063-4			55.00	0.249	8.705	20.04	8.96			2.165	1.422	1.957	0.789	0.353
SSC-086063-5			80.50	0.171	8.791	29.09	12.58			3.169	0.977	1.977	1.145	0.495
SSC-088080-1			14.50	2.321	16.943	7.20	4.34			0.571	13.254	3.810	0.283	0.171
SSC-088080-2			21.50	1.481	16.957	10.05	5.89			0.846	8.457	3.813	0.396	0.232
SSC-088080-3	8.80	0.80	32.00	0.961	16.971	14.34	8.22	0.346	0.031	1.260	5.488	3.816	0.565	0.324
SSC-088080-4			47.00	0.651	16.985	20.91	11.38			1.850	3.718	3.819	0.823	0.448
SSC-088080-5			68.00	0.441	16.996	29.46	16.05			2.677	2.519	3.821	1.160	0.632
SSC-090100-1			13.00	5.688	31.170	7.52	5.41			0.512	32.480	7.008	0.296	0.213
SSC-090100-2			19.00	3.609	31.182	10.36	7.38			0.748	20.608	7.010	0.408	0.291
SSC-090100-3	9.00	1.00	28.50	2.334	31.206	15.13	10.31	0.354	0.039	1.122	13.328	7.016	0.596	0.406
SSC-090100-4			40.50	1.589	31.208	20.86	14.21			1.594	9.074	7.016	0.821	0.559
SSC-090100-5			59.00	1.079	31.205	30.08	19.98			2.323	6.162	7.016	1.184	0.787
SSC-090160-1			25.00	20.596	112.454	19.54	15.68			0.984	117.607	25.281	0.769	0.617
SSC-090160-2			32.00	15.692	112.355	24.84	19.58			1.260	89.604	25.259	0.978	0.771
SSC-090160-3			38.00	13.182	112.442	29.47	22.70			1.496	75.272	25.279	1.160	0.894
SSC-090160-4	9.00	1.60	44.00	10.985	112.377	33.77	26.60	0.354	0.063	1.732	62.726	25.264	1.330	1.047
SSC-090160-5			51.00	9.691	112.416	39.40	29.72			2.008	55.338	25.273	1.551	1.170
SSC-090160-6			64.00	7.847	112.448	49.67	35.96			2.520	44.808	25.280	1.956	1.416
SSC-090160-7			76.00	6.103	112.478	57.57	45.32			2.992	34.850	25.287	2.267	1.784

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-026E-1			12.70	1.569	9.241	6.81	2.75			0.500	8.960	2.078	0.268	0.108
SSC-026E-2			14.29	1.402	9.253	7.69	2.90			0.563	8.006	2.081	0.303	0.114
SSC-026E-3			15.88	1.226	9.256	8.33	3.15			0.625	7.001	2.081	0.328	0.124
SSC-026E-4			17.46	1.138	9.252	9.33	3.35			0.688	6.499	2.080	0.367	0.132
SSC-026E-5			19.05	1.049	9.252	10.23	3.50			0.750	5.990	2.080	0.403	0.138
SSC-026E-6			20.64	0.961	9.254	11.01	3.65			0.813	5.488	2.081	0.433	0.144
SSC-026E-7			22.22	0.873	9.254	11.62	3.85			0.875	4.985	2.081	0.457	0.152
SSC-026E-8	9.14	0.66	23.81	0.785	9.255	12.02	4.00	0.360	0.026	0.938	4.483	2.081	0.473	0.157
SSC-026E-9			25.40	0.696	9.250	12.11	4.30			1.000	3.975	2.080	0.477	0.169
SSC-026E-10			28.58	0.608	9.254	13.36	4.85			1.125	3.472	2.081	0.526	0.191
SSC-026E-11			31.75	0.569	9.258	15.48	5.35			1.250	3.250	2.082	0.609	0.211
SSC-026E-12			38.10	0.471	9.260	18.44	6.05			1.500	2.690	2.082	0.726	0.238
SSC-026E-13			44.45	0.422	9.259	22.51	6.35			1.750	2.410	2.082	0.886	0.250
SSC-026E-14			50.80	0.363	9.257	25.30	7.05			2.000	2.073	2.081	0.996	0.278
SSC-026E-15			57.15	0.329	9.248	29.04	8.05			2.250	1.879	2.080	1.143	0.317
SSC-029E-1			12.70	2.138	12.978	6.63	3.60			0.500	12.209	2.918	0.261	0.142
SSC-029E-2			14.29	1.873	12.980	7.36	3.85			0.563	10.696	2.918	0.290	0.152
SSC-029E-3			15.88	1.677	12.980	8.14	4.10			0.625	9.576	2.919	0.320	0.161
SSC-029E-4			17.46	1.500	12.975	8.81	4.35			0.688	8.566	2.917	0.347	0.171
SSC-029E-5			19.05	1.334	12.980	9.32	4.60			0.750	7.618	2.918	0.367	0.181
SSC-029E-6			20.64	1.226	12.983	10.05	4.90			0.813	7.001	2.919	0.396	0.193
SSC-029E-7			22.22	1.138	12.985	10.81	5.15			0.875	6.499	2.920	0.426	0.203
SSC-029E-8	9.14	0.74	23.81	1.069	12.988	11.66	5.40	0.360	0.029	0.938	6.105	2.920	0.459	0.213
SSC-029E-9			25.40	1.000	12.980	12.42	5.65			1.000	5.711	2.919	0.489	0.222
SSC-029E-10			28.58	0.873	12.990	13.70	6.15			1.125	4.985	2.921	0.539	0.242
SSC-029E-11			31.75	0.765	12.990	14.77	6.70			1.250	4.369	2.921	0.581	0.264
SSC-029E-12			34.93	0.696	12.980	16.28	7.20			1.375	3.975	2.919	0.641	0.283
SSC-029E-13			38.10	0.639	12.984	17.78	7.70			1.500	3.649	2.920	0.700	0.303
SSC-029E-14			44.45	0.552	12.994	20.91	8.50			1.750	3.153	2.922	0.823	0.335
SSC-029E-15			50.80	0.469	12.977	23.13	9.75			2.000	2.679	2.918	0.911	0.384
SSC-032E-0			9.52	4.462	16.688	5.78	3.05			0.375	25.479	3.752	0.228	0.120
SSC-032E-1			12.70	3.148	16.684	7.40	3.70			0.500	17.976	3.751	0.291	0.146
SSC-032E-2			14.29	2.795	16.714	8.31	4.10			0.563	15.960	3.758	0.327	0.161
SSC-032E-3			15.88	2.539	16.707	9.30	4.30			0.625	14.499	3.756	0.366	0.169
SSC-032E-4			17.46	2.275	16.699	10.12	4.50			0.688	12.991	3.754	0.398	0.177
SSC-032E-5			19.05	2.099	16.708	11.09	4.70			0.750	11.986	3.757	0.437	0.185
SSC-032E-6			20.64	1.922	16.702	11.95	5.10			0.813	10.975	3.755	0.470	0.201
SSC-032E-7			22.22	1.746	16.709	12.65	5.30			0.875	9.970	3.757	0.498	0.209
SSC-032E-8			23.81	1.657	16.703	13.73	5.70			0.938	9.462	3.755	0.541	0.224
SSC-032E-9	9.14	0.81	25.40	1.491	16.714	14.19	6.10	0.360	0.032	1.000	8.514	3.758	0.559	0.240
SSC-032E-10			28.58	1.314	16.701	15.87	6.70			1.125	7.504	3.755	0.625	0.264
SSC-032E-11			31.75	1.226	16.710	18.12	7.05			1.250	7.001	3.757	0.713	0.278
SSC-032E-12			34.93	1.138	16.717	20.24	7.55			1.375	6.499	3.759	0.797	0.297
SSC-032E-13			38.10	0.961	16.712	20.71	8.60			1.500	5.488	3.757	0.815	0.339
SSC-032E-14			44.45	0.804	16.707	23.67	9.70			1.750	4.591	3.756	0.932	0.382
SSC-032E-15			50.80	0.696	16.704	26.80	10.70			2.000	3.975	3.756	1.055	0.421
SSC-032E-16			57.15	0.628	16.724	30.52	11.95			2.250	3.586	3.760	1.202	0.470
SSC-032E-17			63.50	0.567	16.698	34.05	13.05			2.500	3.238	3.754	1.341	0.514

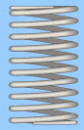
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-035E-1			11.11	4.864	21.791	6.63	4.15			0.438	27.775	4.899	0.261	0.163
SSC-035E-2			12.70	4.151	21.793	7.45	4.50			0.500	23.703	4.900	0.293	0.177
SSC-035E-3			14.29	3.550	21.797	8.15	4.95			0.563	20.272	4.901	0.321	0.195
SSC-035E-4			15.88	3.148	21.816	8.95	5.30			0.625	17.976	4.905	0.352	0.209
SSC-035E-5			17.46	2.795	21.829	9.65	5.65			0.688	15.960	4.908	0.380	0.222
SSC-035E-6			19.05	2.569	21.811	10.56	6.05			0.750	14.670	4.904	0.416	0.238
SSC-035E-7			20.64	2.324	21.822	11.25	6.40			0.813	13.271	4.906	0.443	0.252
SSC-035E-8			22.22	2.187	21.826	12.24	6.75			0.875	12.489	4.907	0.482	0.266
SSC-035E-9	9.14	0.89	23.81	2.050	21.833	13.16	7.10	0.360	0.035	0.938	11.706	4.909	0.518	0.280
SSC-035E-10			25.40	1.922	21.815	14.05	7.45			1.000	10.975	4.905	0.553	0.293
SSC-035E-11			28.58	1.657	21.823	15.41	8.25			1.125	9.462	4.906	0.607	0.325
SSC-035E-12			31.75	1.500	21.810	17.21	8.90			1.250	8.566	4.904	0.678	0.350
SSC-035E-13			34.93	1.344	21.827	18.69	9.70			1.375	7.675	4.907	0.736	0.382
SSC-035E-14			38.10	1.226	21.823	20.30	10.40			1.500	7.001	4.906	0.799	0.409
SSC-035E-15			44.45	1.069	21.829	24.03	11.80			1.750	6.105	4.908	0.946	0.465
SSC-035E-16			50.80	0.912	21.824	26.87	13.35			2.000	5.208	4.907	1.058	0.526
SSC-035E-17			57.15	0.804	21.821	30.01	14.75			2.250	4.591	4.906	1.181	0.581
SSC-035E-18			63.50	0.716	21.831	33.01	16.25			2.500	4.089	4.908	1.300	0.640
SSC-038E-1			11.11	6.649	27.660	6.95	4.35			0.438	37.967	6.219	0.274	0.171
SSC-038E-2			12.70	5.604	27.684	7.76	4.85			0.500	32.000	6.224	0.306	0.191
SSC-038E-3			14.29	4.904	27.708	8.64	5.10			0.563	28.003	6.229	0.340	0.201
SSC-038E-4			15.88	4.374	27.687	9.55	5.55			0.625	24.977	6.225	0.376	0.219
SSC-038E-5			17.46	3.844	27.715	10.25	6.05			0.688	21.950	6.231	0.404	0.238
SSC-038E-6			19.05	3.678	27.695	11.52	6.30			0.750	21.002	6.227	0.454	0.248
SSC-038E-7			20.64	3.324	27.689	12.31	6.80			0.813	18.981	6.225	0.485	0.268
SSC-038E-8			22.22	2.971	27.690	12.90	7.25			0.875	16.965	6.225	0.508	0.285
SSC-038E-9	9.14	0.96	23.81	2.795	27.698	13.90	7.75	0.360	0.038	0.938	15.960	6.227	0.547	0.305
SSC-038E-10			25.40	2.618	27.698	14.82	8.25			1.000	14.950	6.227	0.583	0.325
SSC-038E-11			28.58	2.275	27.710	16.40	8.95			1.125	12.991	6.230	0.646	0.352
SSC-038E-12			31.75	2.099	27.707	18.55	9.70			1.250	11.986	6.229	0.730	0.382
SSC-038E-13			34.93	1.746	27.709	19.06	11.10			1.375	9.970	6.230	0.750	0.437
SSC-038E-14			38.10	1.569	27.709	20.44	12.10			1.500	8.960	6.230	0.805	0.476
SSC-038E-15			44.45	1.432	27.709	25.10	13.15			1.750	8.177	6.230	0.988	0.518
SSC-038E-16			50.80	1.314	27.712	29.71	14.60			2.000	7.504	6.230	1.170	0.575
SSC-038E-17			57.15	1.138	27.722	32.79	16.05			2.250	6.499	6.233	1.291	0.632
SSC-038E-18			63.50	1.010	27.714	36.06	18.15			2.500	5.768	6.231	1.420	0.715

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For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-040E-1			11.11	7.741	31.738	7.01	5.00			0.438	44.203	7.136	0.276	0.197
SSC-040E-2			12.70	6.690	31.711	7.96	5.45			0.500	38.201	7.129	0.313	0.215
SSC-040E-3			14.29	5.779	31.727	8.80	5.95			0.563	32.999	7.133	0.346	0.234
SSC-040E-4			15.88	5.001	31.706	9.54	6.45			0.625	28.557	7.128	0.376	0.254
SSC-040E-5			17.46	4.580	31.739	10.53	6.85			0.688	26.153	7.136	0.415	0.270
SSC-040E-6			19.05	4.197	31.729	11.49	7.35			0.750	23.966	7.134	0.452	0.289
SSC-040E-7			20.64	3.883	31.724	12.47	7.75			0.813	22.173	7.132	0.491	0.305
SSC-040E-8			22.22	3.530	31.735	13.23	8.30			0.875	20.157	7.135	0.521	0.327
SSC-040E-9	9.14	1.02	23.81	3.285	31.733	14.15	8.70	0.360	0.040	0.938	18.758	7.134	0.557	0.343
SSC-040E-10			25.40	3.040	31.738	14.96	9.20			1.000	17.359	7.135	0.589	0.362
SSC-040E-11			28.58	2.697	31.717	16.82	10.10			1.125	15.401	7.131	0.662	0.398
SSC-040E-12			31.75	2.412	31.718	18.60	11.05			1.250	13.773	7.131	0.732	0.435
SSC-040E-13			34.93	2.167	31.725	20.29	12.05			1.375	12.374	7.133	0.799	0.474
SSC-040E-14			38.10	2.010	31.718	22.32	12.95			1.500	11.478	7.131	0.879	0.510
SSC-040E-15			44.45	1.697	31.734	25.75	14.90			1.750	9.691	7.135	1.014	0.587
SSC-040E-16			50.80	1.500	31.725	29.65	16.75			2.000	8.566	7.133	1.167	0.659
SSC-040E-17			57.15	1.314	31.733	33.00	18.55			2.250	7.504	7.134	1.299	0.730
SSC-040E-18			63.50	1.157	31.725	36.08	20.55			2.500	6.607	7.133	1.420	0.809
SSC-042E-1			11.11	9.806	36.478	7.39	5.10			0.438	55.994	8.201	0.291	0.201
SSC-042E-2			12.70	8.055	36.489	8.17	5.65			0.500	45.996	8.204	0.322	0.222
SSC-042E-3			14.29	7.355	36.481	9.33	5.90			0.563	41.999	8.202	0.367	0.232
SSC-042E-4			15.88	6.480	36.482	10.25	6.45			0.625	37.002	8.202	0.404	0.254
SSC-042E-5			17.46	5.779	36.465	11.15	6.95			0.688	32.999	8.198	0.439	0.274
SSC-042E-6			19.05	5.423	36.497	12.32	7.25			0.750	30.967	8.205	0.485	0.285
SSC-042E-7			20.64	4.903	36.478	13.20	7.75			0.813	27.997	8.201	0.520	0.305
SSC-042E-8			22.22	4.374	36.523	13.87	8.55			0.875	24.977	8.211	0.546	0.337
SSC-042E-9	9.14	1.07	23.81	4.021	36.511	14.73	9.10	0.360	0.042	0.938	22.961	8.208	0.580	0.358
SSC-042E-10			25.40	3.677	36.513	15.47	9.65			1.000	20.997	8.209	0.609	0.380
SSC-042E-11			28.58	3.324	36.498	17.60	10.45			1.125	18.981	8.205	0.693	0.411
SSC-042E-12			31.75	2.971	36.514	19.46	11.50			1.250	16.965	8.209	0.766	0.453
SSC-042E-13			34.93	2.795	36.503	21.87	12.30			1.375	15.960	8.207	0.861	0.484
SSC-042E-14			38.10	2.539	36.511	23.72	13.40			1.500	14.499	8.208	0.934	0.528
SSC-042E-15			44.45	2.099	36.523	27.05	15.60			1.750	11.986	8.211	1.065	0.614
SSC-042E-16			50.80	1.834	36.515	30.89	17.20			2.000	10.473	8.209	1.216	0.677
SSC-042E-17			57.15	1.569	36.511	33.88	19.55			2.250	8.960	8.208	1.334	0.770
SSC-042E-18			63.50	1.445	36.515	38.23	21.60			2.500	8.252	8.209	1.505	0.850

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-045E-1			11.11	13.135	44.265	7.74	5.45			0.438	75.003	9.952	0.305	0.215
SSC-045E-2			12.70	11.383	44.280	8.81	5.90			0.500	64.999	9.955	0.347	0.232
SSC-045E-3			14.29	9.632	44.211	9.70	6.60			0.563	55.001	9.939	0.382	0.260
SSC-045E-4			15.88	8.581	44.278	10.72	6.90			0.625	48.999	9.955	0.422	0.272
SSC-045E-5			17.46	7.706	44.232	11.72	7.45			0.688	44.003	9.944	0.461	0.293
SSC-045E-6			19.05	7.005	44.272	12.73	8.05			0.750	40.000	9.953	0.501	0.317
SSC-045E-7			20.64	6.472	44.268	13.80	8.60			0.813	36.957	9.952	0.543	0.339
SSC-045E-8			22.22	5.779	44.267	14.56	9.15			0.875	32.999	9.952	0.573	0.360
SSC-045E-9			23.81	5.247	44.285	15.37	10.05			0.938	29.962	9.956	0.605	0.396
SSC-045E-10	9.14	1.14	25.40	4.904	44.283	16.37	10.60	0.360	0.045	1.000	28.003	9.956	0.644	0.417
SSC-045E-11			28.58	4.374	44.265	18.46	11.45			1.125	24.977	9.952	0.727	0.451
SSC-045E-12			31.75	3.844	44.283	20.23	13.00			1.250	21.950	9.956	0.796	0.512
SSC-045E-13			34.93	3.501	44.288	22.28	13.75			1.375	19.992	9.957	0.877	0.541
SSC-045E-14			38.10	3.148	44.292	24.03	14.90			1.500	17.976	9.958	0.946	0.587
SSC-045E-15			44.45	2.707	44.287	28.09	17.30			1.750	15.458	9.957	1.106	0.681
SSC-045E-16			50.80	2.324	44.295	31.74	19.35			2.000	13.271	9.959	1.250	0.762
SSC-045E-17			57.15	2.059	44.289	35.64	21.60			2.250	11.758	9.957	1.403	0.850
SSC-045E-18			63.50	1.853	44.287	39.60	24.00			2.500	10.581	9.957	1.559	0.945
SSC-045E-19			69.85	1.641	44.307	42.85	26.55			2.750	9.371	9.961	1.687	1.045
SSC-047E-1			11.11	16.287	50.164	8.03	5.60			0.438	93.002	11.278	0.316	0.220
SSC-047E-2			12.70	13.800	50.232	9.06	6.20			0.500	78.801	11.293	0.357	0.244
SSC-047E-3			14.29	11.944	50.284	10.08	6.75			0.563	68.202	11.305	0.397	0.266
SSC-047E-4			15.88	10.543	50.290	11.11	7.35			0.625	60.203	11.306	0.437	0.289
SSC-047E-5			17.46	9.422	50.219	12.13	7.90			0.688	53.801	11.290	0.478	0.311
SSC-047E-6			19.05	8.546	50.250	13.17	8.50			0.750	48.799	11.297	0.519	0.335
SSC-047E-7			20.64	7.793	50.265	14.19	9.05			0.813	44.500	11.300	0.559	0.356
SSC-047E-8			22.22	7.180	50.260	15.22	9.65			0.875	40.999	11.299	0.599	0.380
SSC-047E-9			23.81	6.637	50.242	16.24	10.20			0.938	37.899	11.295	0.639	0.402
SSC-047E-10	9.14	1.19	25.40	6.182	50.260	17.27	10.75	0.360	0.047	1.000	35.301	11.299	0.680	0.423
SSC-047E-11			28.58	5.429	50.273	19.32	11.90			1.125	31.001	11.302	0.760	0.469
SSC-047E-12			31.75	4.851	50.256	21.39	13.05			1.250	27.700	11.299	0.842	0.514
SSC-047E-13			34.93	4.378	50.259	23.45	14.20			1.375	25.000	11.299	0.923	0.559
SSC-047E-14			38.10	3.975	50.284	25.45	15.35			1.500	22.698	11.305	1.002	0.604
SSC-047E-15			44.45	3.380	50.294	29.57	17.65			1.750	19.301	11.307	1.164	0.695
SSC-047E-16			50.80	2.942	50.279	33.71	19.95			2.000	16.800	11.304	1.327	0.785
SSC-047E-17			57.15	2.592	50.285	37.75	22.25			2.250	14.801	11.305	1.486	0.876
SSC-047E-18			63.50	2.329	50.283	41.91	24.55			2.500	13.299	11.305	1.650	0.967
SSC-047E-19			69.85	2.102	50.301	45.92	26.85			2.750	12.003	11.309	1.808	1.057
SSC-047E-20			76.20	1.926	50.288	50.09	29.15			3.000	10.998	11.306	1.972	1.148

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-049E-1			11.11	19.103	56.736	8.14	5.95			0.438	109.081	12.755	0.320	0.234
SSC-049E-2			12.70	16.152	56.694	9.19	6.55			0.500	92.231	12.746	0.362	0.258
SSC-049E-3			14.29	13.994	56.676	10.24	7.15			0.563	79.908	12.742	0.403	0.281
SSC-049E-4			15.88	12.327	56.704	11.28	7.80			0.625	70.389	12.748	0.444	0.307
SSC-049E-5			17.46	11.033	56.710	12.32	8.40			0.688	63.001	12.749	0.485	0.331
SSC-049E-6			19.05	9.964	56.795	13.35	9.05			0.750	56.896	12.768	0.526	0.356
SSC-049E-7			20.64	9.089	56.715	14.40	9.65			0.813	51.900	12.751	0.567	0.380
SSC-049E-8			22.22	8.355	56.730	15.43	10.30			0.875	47.709	12.754	0.607	0.406
SSC-049E-9			25.40	7.198	56.792	17.51	11.55			1.000	41.102	12.768	0.689	0.455
SSC-049E-10	9.14	1.24	28.58	6.325	56.735	19.61	12.75	0.360	0.049	1.125	36.117	12.755	0.772	0.502
SSC-049E-11			31.75	5.639	56.785	21.68	14.00			1.250	32.200	12.766	0.854	0.551
SSC-049E-12			34.93	5.079	56.783	23.75	15.25			1.375	29.002	12.766	0.935	0.600
SSC-049E-13			38.10	4.641	56.759	25.87	16.50			1.500	26.501	12.761	1.019	0.650
SSC-049E-14			44.45	3.923	56.766	29.98	19.00			1.750	22.401	12.762	1.180	0.748
SSC-049E-15			50.80	3.413	56.792	34.16	21.45			2.000	19.489	12.768	1.345	0.844
SSC-049E-16			57.15	3.020	56.776	38.35	23.95			2.250	17.245	12.764	1.510	0.943
SSC-049E-17			63.50	2.697	56.799	42.44	26.45			2.500	15.401	12.769	1.671	1.041
SSC-049E-18			69.85	2.452	56.788	46.69	28.90			2.750	14.002	12.767	1.838	1.138
SSC-049E-19			76.20	2.236	56.794	50.80	31.40			3.000	12.768	12.768	2.000	1.236
SSC-051E-1			11.11	22.369	62.633	8.31	6.25			0.438	127.731	14.081	0.327	0.246
SSC-051E-2			12.70	18.878	62.675	9.38	6.90			0.500	107.797	14.090	0.369	0.272
SSC-051E-3			14.29	16.338	62.575	10.46	7.60			0.563	93.293	14.068	0.412	0.299
SSC-051E-4			15.88	14.377	62.684	11.52	8.25			0.625	82.095	14.092	0.454	0.325
SSC-051E-5			17.46	12.847	62.693	12.58	8.90			0.688	73.359	14.095	0.495	0.350
SSC-051E-6			19.05	11.601	62.645	13.65	9.60			0.750	66.244	14.084	0.537	0.378
SSC-051E-7			20.64	10.581	62.640	14.72	10.25			0.813	60.420	14.082	0.580	0.404
SSC-051E-8			22.22	9.718	62.681	15.77	10.90			0.875	55.492	14.092	0.621	0.429
SSC-051E-9			25.40	8.365	62.654	17.91	12.25			1.000	47.766	14.086	0.705	0.482
SSC-051E-10	9.14	1.30	28.58	7.355	62.665	20.06	13.60	0.360	0.051	1.125	41.999	14.088	0.790	0.535
SSC-051E-11			31.75	6.551	62.693	22.18	14.90			1.250	37.408	14.094	0.873	0.587
SSC-051E-12			34.93	5.904	62.700	24.31	16.25			1.375	33.713	14.096	0.957	0.640
SSC-051E-13			38.10	5.374	62.715	26.43	17.60			1.500	30.687	14.099	1.041	0.693
SSC-051E-14			44.45	4.560	62.700	30.70	20.25			1.750	26.039	14.096	1.209	0.797
SSC-051E-15			50.80	3.962	62.718	34.97	22.95			2.000	22.624	14.100	1.377	0.904
SSC-051E-16			57.15	3.501	62.703	39.24	25.60			2.250	19.992	14.097	1.545	1.008
SSC-051E-17			63.50	3.138	62.697	43.52	28.25			2.500	17.919	14.095	1.713	1.112
SSC-051E-18			69.85	2.834	62.716	47.72	30.95			2.750	16.183	14.100	1.879	1.219
SSC-051E-19			76.20	2.589	62.706	51.98	33.60			3.000	14.784	14.097	2.046	1.323

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-055E-1			11.11	30.626	77.484	8.58	6.85			0.438	174.879	17.420	0.338	0.270
SSC-055E-2			12.70	25.761	77.541	9.69	7.60			0.500	147.100	17.432	0.381	0.299
SSC-055E-3			14.29	22.222	77.555	10.80	8.35			0.563	126.891	17.436	0.425	0.329
SSC-055E-4			15.88	19.505	77.630	11.90	9.15			0.625	111.377	17.452	0.469	0.360
SSC-055E-5			17.46	17.407	77.635	13.00	9.90			0.688	99.397	17.454	0.512	0.390
SSC-055E-6			19.05	15.691	77.670	14.10	10.65			0.750	89.598	17.462	0.555	0.419
SSC-055E-7			20.64	14.308	77.692	15.21	11.40			0.813	81.701	17.466	0.599	0.449
SSC-055E-8			22.22	13.131	77.736	16.30	12.15			0.875	74.980	17.476	0.642	0.478
SSC-055E-9			25.40	11.278	77.705	18.51	13.70			1.000	64.400	17.469	0.729	0.539
SSC-055E-10	9.14	1.40	28.58	9.895	77.676	20.73	15.20	0.360	0.055	1.125	56.502	17.463	0.816	0.598
SSC-055E-11			31.75	8.806	77.669	22.93	16.70			1.250	50.284	17.461	0.903	0.657
SSC-055E-12			34.93	7.933	77.743	25.13	18.25			1.375	45.299	17.478	0.989	0.719
SSC-055E-13			38.10	7.228	77.701	27.35	19.75			1.500	41.273	17.468	1.077	0.778
SSC-055E-14			44.45	6.129	77.716	31.77	22.80			1.750	34.998	17.472	1.251	0.898
SSC-055E-15			50.80	5.306	77.733	36.15	25.80			2.000	30.299	17.476	1.423	1.016
SSC-055E-16			57.15	4.697	77.735	40.60	28.85			2.250	26.821	17.476	1.598	1.136
SSC-055E-17			63.50	4.207	77.745	45.02	31.90			2.500	24.023	17.478	1.772	1.256
SSC-055E-18			69.85	3.805	77.736	49.42	34.90			2.750	21.728	17.476	1.946	1.374
SSC-055E-19			76.20	3.472	77.738	53.81	37.95			3.000	19.826	17.477	2.119	1.494
SSC-059E-1			11.11	40.647	94.301	8.79	7.50			0.438	232.101	21.200	0.346	0.295
SSC-059E-2			12.70	34.062	94.352	9.93	8.35			0.500	194.499	21.212	0.391	0.329
SSC-059E-3			14.29	29.299	94.343	11.07	9.20			0.563	167.302	21.210	0.436	0.362
SSC-059E-4			15.88	25.656	94.414	12.20	10.10			0.625	146.500	21.226	0.480	0.398
SSC-059E-5			17.46	22.854	94.387	13.33	10.95			0.688	130.500	21.220	0.525	0.431
SSC-059E-6			19.05	20.577	94.448	14.46	11.80			0.750	117.498	21.233	0.569	0.465
SSC-059E-7			20.64	18.843	94.592	15.62	12.70			0.813	107.597	21.266	0.615	0.500
SSC-059E-8			22.22	17.197	94.584	16.72	13.55			0.875	98.198	21.264	0.658	0.533
SSC-059E-9			25.40	14.746	94.522	18.99	15.30			1.000	84.202	21.250	0.748	0.602
SSC-059E-10	9.14	1.50	28.58	12.924	94.604	21.26	17.00	0.360	0.059	1.125	73.798	21.268	0.837	0.669
SSC-059E-11			31.75	11.488	94.546	23.52	18.75			1.250	65.599	21.255	0.926	0.738
SSC-059E-12			34.93	10.350	94.599	25.79	20.45			1.375	59.101	21.267	1.015	0.805
SSC-059E-13			38.10	9.422	94.597	28.06	22.20			1.500	53.801	21.267	1.105	0.874
SSC-059E-14			44.45	7.968	94.580	32.58	25.65			1.750	45.499	21.263	1.283	1.010
SSC-059E-15			50.80	6.918	94.569	37.13	29.10			2.000	39.503	21.260	1.462	1.146
SSC-059E-16			57.15	6.112	94.553	41.68	32.55			2.250	34.901	21.257	1.641	1.281
SSC-059E-17			63.50	5.464	94.582	46.19	36.00			2.500	31.201	21.263	1.819	1.417
SSC-059E-18			69.85	4.939	94.582	50.70	39.45			2.750	28.203	21.263	1.996	1.553
SSC-059E-19			76.20	4.518	94.562	55.27	42.90			3.000	25.799	21.259	2.176	1.689
SSC-093125-1			15.00	14.321	56.854	11.03	6.63			0.591	81.775	12.782	0.434	0.261
SSC-093125-2			22.00	8.921	56.827	15.63	9.14			0.866	50.941	12.776	0.615	0.360
SSC-093125-3			33.00	5.829	56.833	23.25	12.65			1.299	33.285	12.777	0.915	0.498
SSC-093125-4	9.25	1.25	39.00	4.805	56.891	27.16	14.82	0.364	0.049	1.535	27.438	12.790	1.069	0.583
SSC-093125-5			47.50	3.959	56.851	33.14	17.45			1.870	22.607	12.781	1.305	0.687
SSC-093125-6			58.00	3.432	56.868	41.43	19.75			2.283	19.598	12.785	1.631	0.778
SSC-093125-7			69.00	2.689	56.872	47.85	24.51			2.717	15.355	12.786	1.884	0.965

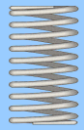
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-096160-1			14.50	37.268	106.214	11.65	8.66			0.571	212.806	23.878	0.459	0.341
SSC-096160-2			21.50	23.728	106.301	17.02	11.77			0.846	135.491	23.898	0.670	0.463
SSC-096160-3	9.60	1.60	31.50	15.390	106.191	24.60	16.41	0.378	0.063	1.240	87.880	23.873	0.969	0.646
SSC-096160-4			45.00	10.402	106.308	34.78	22.76			1.772	59.397	23.900	1.369	0.896
SSC-096160-5			65.50	7.038	106.274	50.40	32.09			2.579	40.189	23.892	1.984	1.264
SSC-028EF-1			12.70	1.114	10.204	3.54	3.33			0.500	6.362	2.295	0.139	0.131
SSC-028EF-2			15.88	0.817	9.436	4.33	4.03			0.625	4.666	2.122	0.170	0.158
SSC-028EF-3			19.05	0.681	9.670	4.85	4.55			0.750	3.889	2.174	0.191	0.179
SSC-028EF-4			22.22	0.557	9.285	5.55	5.25			0.875	3.181	2.088	0.219	0.207
SSC-028EF-5			28.58	0.437	9.605	6.60	6.30			1.125	2.496	2.160	0.260	0.248
SSC-028EF-6	9.90	0.70	31.75	0.383	9.364	7.30	7.00	0.390	0.028	1.250	2.187	2.106	0.287	0.276
SSC-028EF-7			34.93	0.350	9.485	7.83	7.53			1.375	1.999	2.133	0.308	0.296
SSC-028EF-8			41.50	0.299	9.753	8.88	8.58			1.634	1.708	2.193	0.350	0.338
SSC-028EF-9			44.45	0.266	9.230	9.75	9.45			1.750	1.519	2.076	0.384	0.372
SSC-028EF-10			50.80	0.236	9.440	10.80	10.50			2.000	1.348	2.123	0.425	0.413
SSC-028EF-11			63.50	0.186	9.347	13.25	12.95			2.500	1.063	2.102	0.522	0.510
SSC-032EF-1			9.52	2.891	15.467	4.17	3.25			0.375	16.509	3.478	0.164	0.128
SSC-032EF-2			12.70	2.103	15.478	5.34	3.86			0.500	12.009	3.480	0.210	0.152
SSC-032EF-3			15.88	1.584	15.476	6.11	4.59			0.625	9.045	3.480	0.241	0.181
SSC-032EF-4			19.05	1.329	15.470	7.41	5.16			0.750	7.589	3.478	0.292	0.203
SSC-032EF-5			22.22	1.101	15.469	8.17	5.89			0.875	6.287	3.478	0.322	0.232
SSC-032EF-6	9.90	0.81	25.40	0.964	15.482	9.34	6.50	0.390	0.032	1.000	5.505	3.481	0.368	0.256
SSC-032EF-7			28.58	0.857	15.486	10.51	7.11			1.125	4.894	3.482	0.414	0.280
SSC-032EF-8			31.75	0.771	15.482	11.67	7.72			1.250	4.403	3.481	0.459	0.304
SSC-032EF-9			38.10	0.632	15.484	13.60	9.06			1.500	3.609	3.481	0.535	0.357
SSC-032EF-10			44.45	0.538	15.484	15.67	10.37			1.750	3.073	3.481	0.617	0.408
SSC-032EF-11			50.80	0.463	15.497	17.33	11.79			2.000	2.644	3.484	0.682	0.464
SSC-032EF-12			63.50	0.373	15.480	22.00	14.23			2.500	2.130	3.480	0.866	0.560
SSC-043EF-1			12.70	6.649	35.772	7.32	5.70			0.500	37.967	8.042	0.288	0.224
SSC-043EF-2			14.29	5.779	35.772	8.10	6.20			0.563	32.999	8.042	0.319	0.244
SSC-043EF-3			15.88	4.991	35.785	8.71	6.80			0.625	28.500	8.045	0.343	0.268
SSC-043EF-4			17.46	4.550	35.763	9.60	7.30			0.688	25.982	8.040	0.378	0.287
SSC-043EF-5			19.05	4.197	35.758	10.53	7.85			0.750	23.966	8.039	0.415	0.309
SSC-043EF-6			20.64	3.844	35.788	11.33	8.30			0.813	21.950	8.046	0.446	0.327
SSC-043EF-7	9.90	1.09	22.22	3.501	35.780	12.00	8.85	0.390	0.043	0.875	19.992	8.044	0.472	0.348
SSC-043EF-8			23.81	3.196	35.763	12.62	9.40			0.938	18.250	8.040	0.497	0.370
SSC-043EF-9			25.40	2.971	35.771	13.36	9.95			1.000	16.965	8.042	0.526	0.392
SSC-043EF-10			28.58	2.618	35.762	14.92	11.05			1.125	14.950	8.040	0.587	0.435
SSC-043EF-11			31.75	2.363	35.776	16.61	12.00			1.250	13.494	8.043	0.654	0.472
SSC-043EF-12			34.93	2.145	35.779	18.25	13.10			1.375	12.249	8.044	0.719	0.516
SSC-043EF-13			38.10	1.970	35.775	19.94	14.20			1.500	11.249	8.043	0.785	0.559
SSC-043EF-14			44.45	1.677	35.787	23.11	16.25			1.750	9.576	8.046	0.910	0.640

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-047EF-1			12.70	9.632	46.234	7.90	6.30			0.500	55.001	10.394	0.311	0.248
SSC-047EF-2			14.29	8.318	46.248	8.73	6.95			0.563	47.497	10.397	0.344	0.274
SSC-047EF-3			15.88	7.355	46.263	9.59	7.50			0.625	41.999	10.401	0.378	0.295
SSC-047EF-4			17.46	6.649	46.277	10.50	8.15			0.688	37.967	10.404	0.413	0.321
SSC-047EF-5			19.05	6.042	46.282	11.39	8.70			0.750	34.501	10.405	0.448	0.343
SSC-047EF-6			20.64	5.511	46.292	12.24	9.30			0.813	31.469	10.407	0.482	0.366
SSC-047EF-7			22.22	4.991	46.267	12.95	10.05			0.875	28.500	10.402	0.510	0.396
SSC-047EF-8	9.90	1.19	23.81	4.641	46.271	13.84	10.60	0.390	0.047	0.938	26.501	10.403	0.545	0.417
SSC-047EF-9			25.40	4.374	46.277	14.82	11.25			1.000	24.977	10.404	0.583	0.443
SSC-047EF-10			28.58	3.844	46.282	16.54	12.40			1.125	21.950	10.405	0.651	0.488
SSC-047EF-11			31.75	3.373	46.278	18.03	13.60			1.250	19.261	10.404	0.710	0.535
SSC-047EF-12			34.93	3.060	46.298	19.80	14.80			1.375	17.474	10.409	0.780	0.583
SSC-047EF-13			38.10	2.795	46.285	21.54	16.00			1.500	15.960	10.406	0.848	0.630
SSC-047EF-14			44.45	2.373	46.274	24.95	18.50			1.750	13.551	10.403	0.982	0.728
SSC-047EF-15			50.80	2.050	46.289	28.22	21.15			2.000	11.706	10.407	1.111	0.833
SSC-WR1010-1		0.55	10.0		1.793	3.90	3.60		0.022	0.394		0.404	0.154	0.142
SSC-WR1015-2		0.60	15.0		2.911	5.10	4.80		0.024	0.591		0.655	0.201	0.189
SSC-WR1020-3		0.65	20.0		3.881	6.80	6.50		0.026	0.787		0.873	0.268	0.256
SSC-WR1025-4		0.65	25.0		5.351	6.80	6.50		0.026	0.984		1.203	0.268	0.256
SSC-WR1030-5		0.70	30.0		6.145	9.10	8.80		0.028	1.181		1.382	0.358	0.346
SSC-WR1035-6		0.70	35.0		7.615	9.10	8.80		0.028	1.378		1.712	0.358	0.346
SSC-WR1040-7	10.00	0.70	40.0	0.294	9.085	9.10	8.80	0.394	0.028	1.575	1.679	2.043	0.358	0.346
SSC-WR1045-8		0.80	45.0		8.438	16.30	16.00		0.031	1.772		1.897	0.642	0.630
SSC-WR1050-9		0.80	50.0		9.908	16.30	16.00		0.031	1.969		2.228	0.642	0.630
SSC-WR1055-10		0.80	55.0		11.378	16.30	16.00		0.031	2.165		2.558	0.642	0.630
SSC-WR1060-11		0.85	60.0		11.290	21.60	21.30		0.033	2.362		2.539	0.850	0.839
SSC-WR1065-12		0.85	65.0		12.760	21.60	21.30		0.033	2.559		2.869	0.850	0.839
SSC-WR1070-13		0.85	70.0		14.230	21.60	21.30		0.033	2.756		3.199	0.850	0.839
SSC-WF1010-1		0.65	10.0		2.303	5.30	5.00		0.026	0.394		0.518	0.209	0.197
SSC-WF1015-2		0.65	15.0		4.753	5.30	5.00		0.026	0.591		1.069	0.209	0.197
SSC-WF1020-3		0.80	20.0		4.557	10.70	10.40		0.031	0.787		1.025	0.421	0.409
SSC-WF1025-4		0.80	25.0		7.007	10.70	10.40		0.031	0.984		1.576	0.421	0.409
SSC-WF1030-5		0.85	30.0		7.693	14.30	14.00		0.033	1.181		1.730	0.563	0.551
SSC-WF1035-6		0.85	35.0		10.143	14.30	14.00		0.033	1.378		2.281	0.563	0.551
SSC-WF1040-7	10.00	0.90	40.0	0.490	10.878	17.80	17.50	0.394	0.035	1.575	2.798	2.446	0.701	0.689
SSC-WF1045-8		0.90	45.0		13.328	17.80	17.50		0.035	1.772		2.997	0.701	0.689
SSC-WF1050-9		0.90	50.0		15.778	17.80	17.50		0.035	1.969		3.548	0.701	0.689
SSC-WF1055-10		0.90	55.0		18.228	17.80	17.50		0.035	2.165		4.098	0.701	0.689
SSC-WF1060-11		1.00	60.0		14.063	31.30	31.00		0.039	2.362		3.162	1.232	1.220
SSC-WF1065-12		1.00	65.0		16.513	31.30	31.00		0.039	2.559		3.713	1.232	1.220
SSC-WF1070-13		1.00	70.0		18.963	31.30	31.00		0.039	2.756		4.264	1.232	1.220

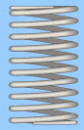
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WL1010-1		0.75	10.0		4.316	5.60	5.30		0.030	0.394		0.971	0.220	0.209
SSC-WL1015-2		0.80	15.0		8.142	6.70	6.40		0.031	0.591		1.831	0.264	0.252
SSC-WL1020-3		0.80	20.0		13.047	6.70	6.40		0.031	0.787		2.934	0.264	0.252
SSC-WL1025-4		0.90	25.0		13.636	11.10	10.80		0.035	0.984		3.066	0.437	0.425
SSC-WL1030-5		0.90	30.0		18.541	11.10	10.80		0.035	1.181		4.169	0.437	0.425
SSC-WL1035-6		0.90	35.0		20.719	13.88	10.80		0.035	1.378		4.658	0.546	0.425
SSC-WL1040-7	10.00	0.90	40.0	0.981	20.719	18.88	10.80	0.394	0.035	1.575	5.602	4.658	0.743	0.425
SSC-WL1045-8		1.00	45.0		27.174	17.30	17.00		0.039	1.772		6.109	0.681	0.669
SSC-WL1050-9		1.00	50.0		28.263	21.19	17.00		0.039	1.969		6.354	0.834	0.669
SSC-WL1055-10		1.00	55.0		28.263	26.19	17.00		0.039	2.165		6.354	1.031	0.669
SSC-WL1060-11		1.00	60.0		28.263	31.19	17.00		0.039	2.362		6.354	1.228	0.669
SSC-WL1065-12		1.10	65.0		36.425	27.87	24.00		0.043	2.559		8.189	1.097	0.945
SSC-WL1070-13		1.10	70.0		36.425	32.87	24.00		0.043	2.756		8.189	1.294	0.945
SSC-WT1010-1		0.85	10.0		8.138	5.85	5.55		0.033	0.394		1.830	0.230	0.219
SSC-WT1015-2		0.90	15.0		15.590	7.05	6.75		0.035	0.591		3.505	0.278	0.266
SSC-WT1020-3		0.90	20.0		20.708	9.44	6.75		0.035	0.787		4.656	0.372	0.266
SSC-WT1025-4		1.00	25.0		28.238	10.60	10.00		0.039	0.984		6.349	0.417	0.394
SSC-WT1030-5		1.00	30.0		28.238	15.60	10.00		0.039	1.181		6.349	0.614	0.394
SSC-WT1035-6		1.00	35.0		28.238	20.60	10.00		0.039	1.378		6.349	0.811	0.394
SSC-WT1040-7	10.00	1.00	40.0	1.961	28.238	25.60	10.00	0.394	0.039	1.575	11.198	6.349	1.008	0.394
SSC-WT1045-8		1.10	45.0		36.396	26.44	14.30		0.043	1.772		8.183	1.041	0.563
SSC-WT1050-9		1.10	50.0		36.396	31.44	14.30		0.043	1.969		8.183	1.238	0.563
SSC-WT1055-10		1.20	55.0		46.986	31.04	21.60		0.047	2.165		10.563	1.222	0.850
SSC-WT1060-11		1.20	60.0		46.986	36.04	21.60		0.047	2.362		10.563	1.419	0.850
SSC-WT1065-12		1.20	65.0		46.986	41.04	21.60		0.047	2.559		10.563	1.616	0.850
SSC-WT1070-13		1.30	70.0		57.771	40.54	32.50		0.051	2.756		12.988	1.596	1.280
SSC-WM1010-1		0.90	10.0		13.239	5.50	5.20		0.035	0.394		2.977	0.217	0.205
SSC-WM1015-2		1.00	15.0		20.594	8.00	7.70		0.039	0.591		4.630	0.315	0.303
SSC-WM1020-3		1.00	20.0		28.243	10.40	7.70		0.039	0.787		6.350	0.409	0.303
SSC-WM1025-4		1.10	25.0		36.393	12.63	11.00		0.043	0.984		8.182	0.497	0.433
SSC-WM1030-5		1.10	30.0		36.393	17.63	11.00		0.043	1.181		8.182	0.694	0.433
SSC-WM1035-6		1.20	35.0		46.984	19.03	16.20		0.047	1.378		10.563	0.749	0.638
SSC-WM1040-7	10.00	1.20	40.0	2.942	46.984	24.03	16.20	0.394	0.047	1.575	16.800	10.563	0.946	0.638
SSC-WM1045-8		1.30	45.0		57.781	25.36	22.10		0.051	1.772		12.990	0.998	0.870
SSC-WM1050-9		1.30	50.0		57.781	30.36	22.10		0.051	1.969		12.990	1.195	0.870
SSC-WM1055-10		1.30	55.0		57.781	35.36	22.10		0.051	2.165		12.990	1.392	0.870
SSC-WM1060-11		1.40	60.0		71.697	35.63	32.10		0.055	2.362		16.119	1.403	1.264
SSC-WM1065-12		1.40	65.0		71.697	40.63	32.10		0.055	2.559		16.119	1.600	1.264
SSC-WM1070-13		1.40	70.0		71.697	45.63	32.10		0.055	2.756		16.119	1.796	1.264

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WH1010-1		1.00	10.0		25.301	5.70	5.40		0.039	0.394		5.688	0.224	0.213
SSC-WH1015-2		1.10	15.0		36.363	8.82	7.00		0.043	0.591		8.175	0.347	0.276
SSC-WH1020-3		1.20	20.0		46.954	12.02	9.60		0.047	0.787		10.556	0.473	0.378
SSC-WH1025-4		1.20	25.0		46.954	17.02	9.60		0.047	0.984		10.556	0.670	0.378
SSC-WH1030-5		1.30	30.0		57.781	20.18	13.90		0.051	1.181		12.990	0.794	0.547
SSC-WH1035-6		1.40	35.0		71.667	22.82	18.00		0.055	1.378		16.112	0.898	0.709
SSC-WH1040-7	10.00	1.40	40.0	5.884	71.667	27.82	18.00	0.394	0.055	1.575	33.599	16.112	1.095	0.709
SSC-WH1045-8		1.50	45.0		87.554	30.12	25.00		0.059	1.772		19.683	1.186	0.984
SSC-WH1050-9		1.50	50.0		87.554	35.12	25.00		0.059	1.969		19.683	1.383	0.984
SSC-WH1055-10		1.50	55.0		87.554	40.12	25.00		0.059	2.165		19.683	1.580	0.984
SSC-WH1060-11		1.50	60.0		87.554	45.12	25.00		0.059	2.362		19.683	1.776	0.984
SSC-WH1065-12		1.60	65.0		102.617	47.56	35.00		0.063	2.559		23.070	1.872	1.378
SSC-WH1070-13		1.60	70.0		102.617	52.56	35.00		0.063	2.756		23.070	2.069	1.378
SSC-WB1010-1		1.20	10.0		36.286	6.30	6.00		0.047	0.394		8.158	0.248	0.236
SSC-WB1015-2		1.30	15.0		57.763	9.11	8.50		0.051	0.591		12.986	0.359	0.335
SSC-WB1020-3		1.40	20.0		71.689	12.69	12.00		0.055	0.787		16.117	0.500	0.472
SSC-WB1025-4		1.50	25.0		79.633	16.88	16.50		0.059	0.984		17.903	0.665	0.650
SSC-WB1030-5		1.50	30.0		87.577	21.07	16.50		0.059	1.181		19.688	0.830	0.650
SSC-WB1035-6		1.60	35.0		102.581	24.54	23.00		0.063	1.378		23.062	0.966	0.906
SSC-WB1040-7	10.00	1.60	40.0	9.807	102.581	29.54	23.00	0.394	0.063	1.575	56.000	23.062	1.163	0.906
SSC-WB1045-8		1.70	45.0		122.097	32.55	30.00		0.067	1.772		27.449	1.281	1.181
SSC-WB1050-9		1.70	50.0		122.097	37.55	30.00		0.067	1.969		27.449	1.478	1.181
SSC-WB1055-10		1.80	55.0		139.750	40.75	40.00		0.071	2.165		31.417	1.604	1.575
SSC-WB1060-11		1.80	60.0		139.750	45.75	40.00		0.071	2.362		31.417	1.801	1.575
SSC-WB1065-12		1.80	65.0		139.750	50.75	40.00		0.071	2.559		31.417	1.998	1.575
SSC-WB1070-13		1.80	70.0		139.750	55.75	40.00		0.071	2.756		31.417	2.195	1.575
SSC-100080-1			17.50	1.530	14.994	7.70	4.40			0.689	8.737	3.371	0.303	0.173
SSC-100080-2			27.50	0.973	14.984	12.10	6.00			1.083	5.556	3.369	0.476	0.236
SSC-100080-3	10.00	0.80	42.50	0.631	15.030	18.68	8.40	0.394	0.031	1.673	3.604	3.379	0.735	0.331
SSC-100080-4			62.50	0.430	15.041	27.52	11.60			2.461	2.456	3.382	1.083	0.457
SSC-100080-5			92.50	0.291	15.059	40.75	16.40			3.642	1.662	3.386	1.604	0.646
SSC-100090-1			19.70	2.533	20.695	11.53	4.95			0.776	14.464	4.653	0.454	0.195
SSC-100090-2			29.10	1.612	20.698	16.26	6.75			1.146	9.205	4.654	0.640	0.266
SSC-100090-3	10.00	0.90	48.00	0.933	20.685	25.83	10.35	0.394	0.035	1.890	5.328	4.651	1.017	0.407
SSC-100090-4			55.00	0.803	20.677	29.25	11.48			2.165	4.586	4.649	1.152	0.452
SSC-100090-5			76.30	0.571	20.676	40.09	15.75			3.004	3.261	4.649	1.578	0.620
SSC-100140-1			14.40	17.581	71.555	10.33	7.70			0.567	100.391	16.087	0.407	0.303
SSC-100140-2			21.10	11.188	71.715	14.69	10.50			0.831	63.886	16.123	0.578	0.413
SSC-100140-3	10.00	1.40	34.40	6.476	71.689	23.33	16.10	0.394	0.055	1.354	36.979	16.117	0.919	0.634
SSC-100140-4			45.00	4.804	71.676	30.08	20.28			1.772	27.432	16.114	1.184	0.798
SSC-100140-5			54.40	3.971	71.716	36.34	24.50			2.142	22.675	16.123	1.431	0.965

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-100150-1			14.00	23.995	87.582	10.35	8.25			0.551	137.015	19.690	0.407	0.325
SSC-100150-2			20.40	15.270	87.497	14.67	11.25			0.803	87.194	19.671	0.578	0.443
SSC-100150-3			24.50	11.996	87.571	17.20	13.50			0.965	68.499	19.687	0.677	0.531
SSC-100150-4			29.90	9.879	87.528	21.04	15.75			1.177	56.411	19.678	0.828	0.620
SSC-100150-5	10.00	1.50	40.00	7.999	87.589	29.05	18.75	0.394	0.059	1.575	45.676	19.691	1.144	0.738
SSC-100150-6			42.50	6.719	87.549	29.47	21.75			1.673	38.367	19.682	1.160	0.856
SSC-100150-7			48.00	6.719	87.549	34.97	21.75			1.890	38.367	19.682	1.377	0.856
SSC-100150-8			61.50	4.540	87.577	42.21	30.75			2.421	25.925	19.688	1.662	1.211
SSC-100150-9			67.70	4.098	87.615	46.32	33.75			2.665	23.401	19.697	1.824	1.329
SSC-100150-10			75.00	4.098	87.615	53.62	33.75			2.953	23.401	19.697	2.111	1.329
SSC-032F-1			12.70	1.508	12.592	4.35	4.05			0.500	8.611	2.831	0.171	0.159
SSC-032F-2			15.88	1.160	12.528	5.08	4.78			0.625	6.624	2.817	0.200	0.188
SSC-032F-3			19.05	0.952	12.643	5.77	5.47			0.750	5.437	2.843	0.227	0.215
SSC-032F-4			22.22	0.801	12.592	6.50	6.20			0.875	4.574	2.831	0.256	0.244
SSC-032F-5			25.40	0.696	12.674	7.19	6.89			1.000	3.975	2.850	0.283	0.271
SSC-032F-6			30.00	0.584	12.731	8.20	7.90			1.181	3.335	2.863	0.323	0.311
SSC-032F-7	10.67	0.81	34.93	0.495	12.672	9.33	9.03	0.420	0.032	1.375	2.827	2.849	0.367	0.356
SSC-032F-8			41.50	0.415	12.757	10.76	10.46			1.634	2.370	2.868	0.424	0.412
SSC-032F-9			44.45	0.385	12.709	11.44	11.14			1.750	2.199	2.858	0.450	0.439
SSC-032F-10			50.80	0.335	12.710	12.86	12.56			2.000	1.913	2.858	0.506	0.494
SSC-032F-11			66.00	0.258	12.874	16.10	15.80			2.598	1.474	2.895	0.634	0.622
SSC-032F-12			80.00	0.210	12.739	19.34	19.04			3.150	1.200	2.864	0.761	0.750
SSC-032F-13			96.00	0.175	12.814	22.78	22.48			3.780	1.000	2.881	0.897	0.885
SSC-035F-1			12.70	3.099	18.811	6.63	4.00			0.500	17.696	4.229	0.261	0.157
SSC-035F-2			15.88	2.403	18.840	8.04	4.60			0.625	13.722	4.236	0.317	0.181
SSC-035F-3			19.05	1.961	18.826	9.45	5.15			0.750	11.198	4.233	0.372	0.203
SSC-035F-4	10.67	0.89	22.22	1.667	18.820	10.93	5.70	0.420	0.035	0.875	9.519	4.231	0.430	0.224
SSC-035F-5			25.40	1.432	18.831	12.25	6.30			1.000	8.177	4.234	0.482	0.248
SSC-035F-6			31.75	1.138	18.834	15.20	7.45			1.250	6.499	4.235	0.598	0.293
SSC-035F-7			38.10	0.932	18.845	17.88	8.65			1.500	5.322	4.237	0.704	0.341
SSC-035F-8			44.45	0.804	18.830	21.03	9.65			1.750	4.591	4.234	0.828	0.380
SSC-038F-1			12.70	4.021	23.925	6.75	4.35			0.500	22.961	5.379	0.266	0.171
SSC-038F-2			15.88	3.148	23.925	8.28	5.10			0.625	17.976	5.379	0.326	0.201
SSC-038F-3			19.05	2.452	23.932	9.29	5.80			0.750	14.002	5.381	0.366	0.228
SSC-038F-4			22.22	2.099	23.929	10.82	6.55			0.875	11.986	5.380	0.426	0.258
SSC-038F-5			25.40	1.922	23.929	12.95	7.25			1.000	10.975	5.380	0.510	0.285
SSC-038F-6	10.67	0.96	31.75	1.491	23.945	15.69	8.70	0.420	0.038	1.250	8.514	5.384	0.618	0.343
SSC-038F-7			38.10	1.226	23.932	18.58	9.70			1.500	7.001	5.381	0.731	0.382
SSC-038F-8			44.45	1.049	23.928	21.64	11.10			1.750	5.990	5.380	0.852	0.437
SSC-038F-9			50.80	0.912	23.931	24.56	12.60			2.000	5.208	5.380	0.967	0.496
SSC-038F-10			57.15	0.804	23.935	27.38	13.95			2.250	4.591	5.381	1.078	0.549
SSC-038F-11			63.50	0.735	23.917	30.96	15.10			2.500	4.197	5.377	1.219	0.594

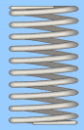
Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-042F-1			12.70	5.954	31.556	7.40	4.85			0.500	33.999	7.095	0.291	0.191
SSC-042F-2			15.88	4.728	31.583	9.20	5.65			0.625	26.998	7.101	0.362	0.222
SSC-042F-3			19.05	3.844	31.559	10.84	6.45			0.750	21.950	7.095	0.427	0.254
SSC-042F-4			22.22	3.236	31.583	12.46	7.25			0.875	18.479	7.101	0.491	0.285
SSC-042F-5			25.40	2.795	31.584	14.10	8.05			1.000	15.960	7.101	0.555	0.317
SSC-042F-6	10.67	1.07	31.75	2.275	31.577	17.87	9.35	0.420	0.042	1.250	12.991	7.099	0.704	0.368
SSC-042F-7			38.10	1.834	31.581	20.88	11.25			1.500	10.473	7.100	0.822	0.443
SSC-042F-8			44.45	1.569	31.584	24.32	12.65			1.750	8.960	7.101	0.957	0.498
SSC-042F-9			50.80	1.314	31.575	26.77	14.75			2.000	7.504	7.099	1.054	0.581
SSC-042F-10			57.15	1.177	31.591	30.31	16.15			2.250	6.721	7.102	1.193	0.636
SSC-042F-11			63.50	1.049	31.575	33.40	17.75			2.500	5.990	7.099	1.315	0.699
SSC-045F-1			12.70	7.777	38.341	7.77	5.55			0.500	44.408	8.620	0.306	0.219
SSC-045F-2			15.88	5.953	38.337	9.44	6.50			0.625	33.993	8.619	0.372	0.256
SSC-045F-3			19.05	4.835	38.342	11.12	7.40			0.750	27.609	8.620	0.438	0.291
SSC-045F-4			22.22	4.060	38.326	12.78	8.30			0.875	23.184	8.617	0.503	0.327
SSC-045F-5			25.40	3.501	38.336	14.45	9.20			1.000	19.992	8.619	0.569	0.362
SSC-045F-6	10.67	1.14	31.75	2.746	38.334	17.79	11.05	0.420	0.045	1.250	15.681	8.618	0.700	0.435
SSC-045F-7			38.10	2.256	38.352	21.10	12.90			1.500	12.883	8.622	0.831	0.508
SSC-045F-8			44.45	1.922	38.344	24.50	14.65			1.750	10.975	8.621	0.965	0.577
SSC-045F-9			50.80	1.677	38.353	27.93	16.45			2.000	9.576	8.623	1.100	0.648
SSC-045F-10			57.15	1.471	38.349	31.08	18.40			2.250	8.400	8.622	1.224	0.724
SSC-045F-11			63.50	1.334	38.366	34.74	20.10			2.500	7.618	8.625	1.368	0.791
SSC-047F-1			12.70	9.456	43.119	8.14	5.55			0.500	53.996	9.694	0.320	0.219
SSC-047F-2			15.88	7.180	43.152	9.87	6.60			0.625	40.999	9.701	0.389	0.260
SSC-047F-3			19.05	5.954	43.167	11.80	7.20			0.750	33.999	9.705	0.465	0.283
SSC-047F-4			22.22	4.904	43.155	13.42	8.40			0.875	28.003	9.702	0.528	0.331
SSC-047F-5	10.67	1.19	25.40	4.374	43.171	15.53	9.60	0.420	0.047	1.000	24.977	9.706	0.611	0.378
SSC-047F-6			31.75	3.324	43.146	18.77	11.35			1.250	18.981	9.700	0.739	0.447
SSC-047F-7			38.10	2.706	43.161	22.15	13.20			1.500	15.452	9.703	0.872	0.520
SSC-047F-8			44.45	2.363	43.148	26.19	14.70			1.750	13.494	9.701	1.031	0.579
SSC-047F-9			50.80	2.010	43.155	29.33	17.35			2.000	11.478	9.702	1.155	0.683
SSC-051F-1			12.70	12.631	54.313	8.40	6.50			0.500	72.125	12.211	0.331	0.256
SSC-051F-2			15.88	9.611	54.398	10.22	7.60			0.625	54.881	12.230	0.402	0.299
SSC-051F-3			19.05	7.757	54.377	12.04	8.75			0.750	44.294	12.225	0.474	0.344
SSC-051F-4			22.22	6.502	54.422	13.85	9.90			0.875	37.128	12.235	0.545	0.390
SSC-051F-5			25.40	5.600	54.432	15.68	11.00			1.000	31.977	12.237	0.617	0.433
SSC-051F-6	10.67	1.30	31.75	4.374	54.413	19.31	13.35	0.420	0.051	1.250	24.977	12.233	0.760	0.526
SSC-051F-7			38.10	3.589	54.409	22.94	15.60			1.500	20.494	12.232	0.903	0.614
SSC-051F-8			44.45	3.050	54.412	26.61	17.90			1.750	17.416	12.233	1.048	0.705
SSC-051F-9			50.80	2.648	54.416	30.25	20.20			2.000	15.121	12.234	1.191	0.795
SSC-051F-10			57.15	2.344	54.428	33.93	22.40			2.250	13.385	12.236	1.336	0.882
SSC-051F-11			63.50	2.099	54.427	37.57	24.65			2.500	11.986	12.236	1.479	0.970

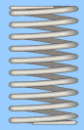
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-055F-1			12.70	16.637	67.546	8.64	7.00			0.500	95.000	15.185	0.340	0.276
SSC-055F-2			15.88	13.134	67.509	10.74	8.05			0.625	74.998	15.177	0.423	0.317
SSC-055F-3			19.05	10.682	67.510	12.73	9.45			0.750	60.996	15.177	0.501	0.372
SSC-055F-4			22.22	9.106	67.567	14.80	10.50			0.875	51.997	15.190	0.583	0.413
SSC-055F-5			25.40	7.705	67.573	16.63	11.90			1.000	43.997	15.191	0.655	0.469
SSC-055F-6	10.67	1.40	31.75	6.129	67.542	20.73	14.00	0.420	0.055	1.250	34.998	15.184	0.816	0.551
SSC-055F-7			38.10	4.903	67.563	24.32	16.80			1.500	27.997	15.189	0.957	0.661
SSC-055F-8			44.45	4.197	67.572	28.35	19.45			1.750	23.966	15.191	1.116	0.766
SSC-055F-9			50.80	3.677	67.546	32.43	21.35			2.000	20.997	15.186	1.277	0.841
SSC-055F-10			57.15	3.148	67.588	35.68	24.15			2.250	17.976	15.195	1.405	0.951
SSC-055F-11			63.50	2.846	67.593	39.75	26.55			2.500	16.252	15.196	1.565	1.045
SSC-059F-1			12.70	23.957	82.412	9.26	7.25			0.500	136.798	18.527	0.365	0.285
SSC-059F-2			15.88	18.056	82.516	11.31	8.60			0.625	103.103	18.551	0.445	0.339
SSC-059F-3			19.05	14.483	82.553	13.35	10.00			0.750	82.701	18.559	0.526	0.394
SSC-059F-4			22.22	12.084	82.534	15.39	11.40			0.875	69.002	18.555	0.606	0.449
SSC-059F-5			25.40	10.368	82.633	17.43	12.80			1.000	59.203	18.577	0.686	0.504
SSC-059F-6	10.67	1.50	31.75	8.090	82.599	21.54	15.55	0.420	0.059	1.250	46.196	18.569	0.848	0.612
SSC-059F-7			38.10	6.620	82.618	25.62	18.30			1.500	37.802	18.574	1.009	0.720
SSC-059F-8			44.45	5.604	82.603	29.71	21.10			1.750	32.000	18.570	1.170	0.831
SSC-059F-9			50.80	4.869	82.627	33.83	23.85			2.000	27.803	18.576	1.332	0.939
SSC-059F-10			57.15	4.291	82.645	37.89	26.60			2.250	24.503	18.580	1.492	1.047
SSC-059F-11			63.50	3.835	82.606	41.96	29.40			2.500	21.899	18.571	1.652	1.157
SSC-063F-1			12.70	32.048	96.785	9.68	8.00			0.500	182.999	21.759	0.381	0.315
SSC-063F-2			15.88	23.997	96.708	11.85	9.55			0.625	137.027	21.741	0.467	0.376
SSC-063F-3			19.05	19.094	96.807	13.98	11.05			0.750	109.030	21.763	0.550	0.435
SSC-063F-4			22.22	15.936	96.732	16.15	12.60			0.875	90.997	21.747	0.636	0.496
SSC-063F-5			25.40	13.661	96.856	18.31	14.10			1.000	78.007	21.775	0.721	0.555
SSC-063F-6	10.67	1.60	31.75	10.591	96.802	22.61	17.20	0.420	0.063	1.250	60.477	21.762	0.890	0.677
SSC-063F-7			38.10	8.689	96.795	26.96	20.20			1.500	49.616	21.761	1.061	0.795
SSC-063F-8			44.45	7.335	96.822	31.25	23.30			1.750	41.884	21.767	1.230	0.917
SSC-063F-9			50.80	6.355	96.850	35.56	26.50			2.000	36.288	21.773	1.400	1.043
SSC-063F-10			57.15	5.600	96.880	39.85	29.45			2.250	31.977	21.780	1.569	1.159
SSC-063F-11			63.50	5.031	96.847	44.25	32.45			2.500	28.728	21.773	1.742	1.278
SSC-067F-1			19.05	25.160	115.233	14.47	11.90			0.750	143.668	25.906	0.570	0.469
SSC-067F-2			25.40	17.897	115.257	18.96	15.30			1.000	102.195	25.911	0.746	0.602
SSC-067F-3			31.75	13.888	115.409	23.44	18.70			1.250	79.303	25.946	0.923	0.736
SSC-067F-4	10.67	1.70	38.10	11.346	115.389	27.93	22.10	0.420	0.067	1.500	64.788	25.941	1.100	0.870
SSC-067F-5			44.45	9.591	115.380	32.42	25.50			1.750	54.767	25.939	1.276	1.004
SSC-067F-6			50.80	8.306	115.370	36.91	28.90			2.000	47.429	25.937	1.453	1.138
SSC-067F-7			57.15	7.324	115.353	41.40	32.30			2.250	41.822	25.933	1.630	1.272
SSC-067F-8			63.50	6.551	115.363	45.89	35.70			2.500	37.408	25.935	1.807	1.406
SSC-108080-1			20.00	1.198	13.909	8.39	4.31			0.787	6.841	3.127	0.330	0.170
SSC-108080-2			30.00	0.758	13.894	11.67	5.88			1.181	4.329	3.124	0.459	0.231
SSC-108080-3	10.80	0.80	45.50	0.488	13.879	17.06	8.24	0.425	0.031	1.791	2.787	3.121	0.672	0.324
SSC-108080-4			66.00	0.329	13.894	23.77	11.46			2.598	1.879	3.124	0.936	0.451
SSC-108080-5			96.50	0.228	13.815	35.91	15.75			3.799	1.302	3.106	1.414	0.620

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
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	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-110100-1			17.50	2.898	25.792	8.60	5.42			0.689	16.549	5.799	0.339	0.213
SSC-110100-2			26.00	1.849	25.794	12.05	7.37			1.024	10.559	5.799	0.474	0.290
SSC-110100-3	11.00	1.00	39.00	1.198	25.769	17.49	10.28	0.433	0.039	1.535	6.841	5.794	0.689	0.405
SSC-110100-4			56.00	0.809	25.783	24.13	14.26			2.205	4.620	5.797	0.950	0.561
SSC-110100-5			81.50	0.548	25.723	34.56	20.06			3.209	3.130	5.783	1.361	0.790
SSC-110120-1			19.20	6.415	42.981	12.50	6.60			0.756	36.631	9.663	0.492	0.260
SSC-110120-2			30.20	4.080	42.962	19.67	9.00			1.189	23.298	9.659	0.774	0.354
SSC-110120-3	11.00	1.20	46.70	2.640	42.979	30.42	12.60	0.433	0.047	1.839	15.075	9.663	1.198	0.496
SSC-110120-4			68.70	1.795	42.972	44.76	17.40			2.705	10.250	9.661	1.762	0.685
SSC-110120-5			101.00	1.215	43.072	65.55	24.60			3.976	6.938	9.683	2.581	0.969
SSC-110140-1			28.00	5.900	65.726	16.86	13.30			1.102	33.690	14.776	0.664	0.524
SSC-110140-2			36.00	4.655	65.682	21.89	16.10			1.417	26.581	14.766	0.862	0.634
SSC-110140-3	11.00	1.40	44.00	3.845	65.673	26.92	18.90	0.433	0.055	1.732	21.956	14.764	1.060	0.744
SSC-110140-4			54.00	3.050	65.697	32.46	23.10			2.126	17.416	14.770	1.278	0.909
SSC-110140-5			69.00	2.390	65.701	41.51	28.70			2.717	13.648	14.771	1.634	1.130
SSC-110180-1			24.00	21.130	128.682	17.91	15.30			0.945	120.656	28.929	0.705	0.602
SSC-110180-2			32.00	14.459	128.685	23.10	19.80			1.260	82.563	28.930	0.909	0.780
SSC-110180-3	11.00	1.80	42.00	11.945	128.648	31.23	24.30	0.433	0.071	1.654	68.208	28.922	1.230	0.957
SSC-110180-4			55.00	8.862	128.676	40.48	31.50			2.165	50.604	28.928	1.594	1.240
SSC-110180-5			67.00	7.045	128.712	48.73	38.70			2.638	40.228	28.936	1.919	1.524
SSC-110220-1			16.20	100.028	221.062	13.99	11.91			0.638	571.175	49.697	0.551	0.469
SSC-110220-2	11.00	2.20	23.00	63.548	221.147	19.52	16.22	0.433	0.087	0.906	362.869	49.716	0.769	0.639
SSC-110220-3			36.50	36.868	221.208	30.50	24.77			1.437	210.522	49.730	1.201	0.975
SSC-110220-4			56.80	22.558	221.068	47.00	37.69			2.236	128.810	49.699	1.850	1.484
SSC-113125-1			20.00	7.088	47.419	13.31	6.78			0.787	40.474	10.661	0.524	0.267
SSC-113125-2			29.50	4.508	47.424	18.98	9.22			1.161	25.742	10.662	0.747	0.363
SSC-113125-3	11.25	1.25	44.50	2.918	47.418	28.25	12.88	0.443	0.049	1.752	16.663	10.660	1.112	0.507
SSC-113125-4			64.00	1.988	47.414	40.15	17.73			2.520	11.352	10.660	1.581	0.698
SSC-113125-5			93.50	1.339	47.427	58.08	25.12			3.681	7.646	10.663	2.287	0.989
SSC-115050-1			14.50	0.135	1.546	3.05	2.75			0.571	0.771	0.348	0.120	0.108
SSC-115050-2			22.40	0.088	1.615	4.05	3.75			0.882	0.503	0.364	0.159	0.148
SSC-115050-3	11.50	0.50	33.80	0.055	1.554	5.55	5.25	0.453	0.020	1.331	0.315	0.350	0.219	0.207
SSC-115050-4			49.40	0.038	1.590	7.55	7.25			1.945	0.217	0.358	0.297	0.285
SSC-115050-5			74.30	0.026	1.658	10.55	10.25			2.925	0.149	0.373	0.415	0.404
SSC-039FG-1			12.70	3.501	24.612	5.67	4.35			0.500	19.992	5.534	0.223	0.171
SSC-039FG-2			15.88	2.746	24.604	6.92	5.05			0.625	15.681	5.532	0.272	0.199
SSC-039FG-3			19.05	2.207	24.630	7.89	5.75			0.750	12.603	5.538	0.311	0.226
SSC-039FG-4	11.56	1.00	22.22	1.883	24.611	9.15	6.45	0.455	0.039	0.875	10.753	5.533	0.360	0.254
SSC-039FG-5			25.40	1.648	24.621	10.46	7.20			1.000	9.411	5.536	0.412	0.283
SSC-039FG-6			31.75	1.255	24.611	12.14	8.60			1.250	7.167	5.533	0.478	0.339
SSC-039FG-7			38.10	1.030	24.627	14.19	10.00			1.500	5.882	5.537	0.559	0.394
SSC-039FG-8			44.45	0.873	24.627	16.24	11.40			1.750	4.985	5.537	0.639	0.449

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Part Number	Metric							Inches						
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	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-046FG-1			12.70	6.472	38.055	6.82	5.40			0.500	36.957	8.556	0.269	0.213
SSC-046FG-2			15.88	4.991	38.081	8.25	6.30			0.625	28.500	8.562	0.325	0.248
SSC-046FG-3			19.05	4.021	38.079	9.58	7.25			0.750	22.961	8.561	0.377	0.285
SSC-046FG-4	11.56	1.17	22.22	3.371	38.092	10.92	8.20	0.455	0.046	0.875	19.249	8.564	0.430	0.323
SSC-046FG-5			25.40	2.933	38.070	12.42	9.10			1.000	16.748	8.559	0.489	0.358
SSC-046FG-6			31.75	2.275	38.084	15.01	10.95			1.250	12.991	8.562	0.591	0.431
SSC-046FG-7			38.10	1.883	38.093	17.87	12.85			1.500	10.753	8.564	0.704	0.506
SSC-046FG-8			44.45	1.620	38.086	20.94	14.60			1.750	9.251	8.563	0.824	0.575
SSC-049FG-1			12.70	8.748	46.277	7.41	5.66			0.500	49.953	10.404	0.292	0.223
SSC-049FG-2			15.88	6.727	46.214	9.01	6.61			0.625	38.413	10.390	0.355	0.260
SSC-049FG-3			19.05	5.403	46.250	10.49	7.62			0.750	30.852	10.398	0.413	0.300
SSC-049FG-4			25.40	3.903	46.251	13.55	9.59			1.000	22.287	10.398	0.533	0.378
SSC-049FG-5			29.59	3.305	46.270	15.59	10.87			1.165	18.873	10.402	0.614	0.428
SSC-049FG-6	11.56	1.25	38.10	2.511	46.278	19.67	13.52	0.455	0.049	1.500	14.339	10.404	0.774	0.532
SSC-049FG-7			44.45	2.138	46.266	22.81	15.44			1.750	12.209	10.402	0.898	0.608
SSC-049FG-8			50.80	1.863	46.258	25.97	17.34			2.000	10.639	10.400	1.022	0.683
SSC-049FG-9			63.50	1.461	46.270	31.83	21.43			2.500	8.343	10.402	1.253	0.844
SSC-049FG-10			76.20	1.216	46.281	38.14	25.24			3.000	6.944	10.405	1.502	0.994
SSC-049FG-11			93.80	0.981	46.293	46.61	30.70			3.693	5.602	10.408	1.835	1.209
SSC-116063-1			26.00	0.345	6.521	7.10	3.47			1.024	1.971	1.466	0.280	0.137
SSC-116063-2			40.00	0.222	6.589	10.32	4.73			1.575	1.268	1.482	0.406	0.186
SSC-116063-3	11.60	0.63	50.80	0.185	6.514	15.59	5.36	0.457	0.025	2.000	1.057	1.465	0.614	0.211
SSC-116063-4			62.00	0.144	6.605	16.13	6.62			2.441	0.823	1.485	0.635	0.261
SSC-116063-5			98.00	0.098	6.628	30.37	9.14			3.858	0.560	1.490	1.196	0.360
SSC-116160-1			18.50	19.118	89.663	13.81	8.65			0.728	109.167	20.158	0.544	0.341
SSC-116160-2			27.00	12.158	89.726	19.62	11.76			1.063	69.424	20.172	0.772	0.463
SSC-116160-3	11.60	1.60	40.50	7.872	89.820	29.09	16.43	0.457	0.063	1.594	44.951	20.193	1.145	0.647
SSC-116160-4			58.50	5.331	89.827	41.65	22.74			2.303	30.441	20.194	1.640	0.895
SSC-116160-5			85.00	3.608	89.767	60.12	32.05			3.346	20.603	20.181	2.367	1.262
SSC-WR1215-1		0.65	15.00		2.969	4.90	4.60		0.026	0.591		0.668	0.193	0.181
SSC-WR1220-2		0.65	20.00		4.439	4.90	4.60		0.026	0.787		0.999	0.193	0.181
SSC-WR1225-3		0.70	25.00		5.498	6.30	6.00		0.028	0.984		1.236	0.248	0.236
SSC-WR1230-4		0.70	30.00		6.968	6.30	6.00		0.028	1.181		1.567	0.248	0.236
SSC-WR1235-5		0.70	35.00		8.458	6.23	6.00		0.028	1.378		1.902	0.245	0.236
SSC-WR1240-6		0.80	40.00		8.614	10.70	10.40		0.031	1.575		1.937	0.421	0.409
SSC-WR1245-7	12.00	0.80	45.00	0.294	10.084	10.70	10.40	0.472	0.031	1.772	1.679	2.268	0.421	0.409
SSC-WR1250-8		0.90	50.00		9.584	17.40	17.10		0.035	1.969		2.155	0.685	0.673
SSC-WR1255-9		0.90	55.00		11.054	17.40	17.10		0.035	2.165		2.486	0.685	0.673
SSC-WR1260-10		0.90	60.00		12.524	17.40	17.10		0.035	2.362		2.816	0.685	0.673
SSC-WR1265-11		0.90	65.00		13.994	17.40	17.10		0.035	2.559		3.147	0.685	0.673
SSC-WR1270-12		0.90	70.00		15.464	17.40	17.10		0.035	2.756		3.477	0.685	0.673
SSC-WR1280-13		1.00	80.00		15.200	28.30	28.00		0.039	3.150		3.418	1.114	1.102

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WF1215-1		0.70	15.00		4.949	4.90	4.60		0.028	0.591		1.113	0.193	0.181
SSC-WF1220-2		0.80	20.00		6.125	7.50	7.20		0.031	0.787		1.377	0.295	0.283
SSC-WF1225-3		0.80	25.00		8.575	7.50	7.20		0.031	0.984		1.928	0.295	0.283
SSC-WF1230-4		0.90	30.00		9.016	11.60	11.30		0.035	1.181		2.027	0.457	0.445
SSC-WF1235-5		0.90	35.00		11.466	11.60	11.30		0.035	1.378		2.578	0.457	0.445
SSC-WF1240-6		0.90	40.00		13.916	11.60	11.30		0.035	1.575		3.129	0.457	0.445
SSC-WF1245-7	12.00	0.90	45.00	0.490	16.366	11.60	11.30	0.472	0.035	1.772	2.798	3.680	0.457	0.445
SSC-WF1250-8		1.00	50.00		15.533	18.30	18.00		0.039	1.969		3.492	0.720	0.709
SSC-WF1255-9		1.00	55.00		17.983	18.30	18.00		0.039	2.165		4.043	0.720	0.709
SSC-WF1260-10		1.00	60.00		20.433	18.30	18.00		0.039	2.362		4.594	0.720	0.709
SSC-WF1265-11		1.00	65.00		22.883	18.30	18.00		0.039	2.559		5.145	0.720	0.709
SSC-WF1270-12		1.10	70.00		20.384	28.40	28.10		0.043	2.756		4.583	1.118	1.106
SSC-WF1280-13		1.10	80.00		25.284	28.40	28.10		0.043	3.150		5.685	1.118	1.106
SSC-WL1215-1		0.90	15.00		7.358	7.50	7.20		0.035	0.591		1.655	0.295	0.283
SSC-WL1220-2		0.90	20.00		12.263	7.50	7.20		0.035	0.787		2.757	0.295	0.283
SSC-WL1225-3		0.90	25.00		17.393	7.27	7.20		0.035	0.984		3.911	0.286	0.283
SSC-WL1230-4		1.00	30.00		18.835	10.80	10.50		0.039	1.181		4.235	0.425	0.413
SSC-WL1235-5		1.00	35.00		23.760	10.78	10.50		0.039	1.378		5.342	0.424	0.413
SSC-WL1240-6		1.00	40.00		23.760	15.78	10.50		0.039	1.575		5.342	0.621	0.413
SSC-WL1245-7	12.00	1.10	45.00	0.981	28.743	15.70	15.40	0.472	0.043	1.772	5.602	6.462	0.618	0.606
SSC-WL1250-8		1.10	50.00		30.666	18.74	15.40		0.043	1.969		6.895	0.738	0.606
SSC-WL1255-9		1.10	55.00		30.666	23.74	15.40		0.043	2.165		6.895	0.935	0.606
SSC-WL1260-10		1.20	60.00		36.199	23.10	22.80		0.047	2.362		8.138	0.909	0.898
SSC-WL1265-11		1.20	65.00		39.632	24.60	22.80		0.047	2.559		8.910	0.969	0.898
SSC-WL1270-12		1.20	70.00		39.632	29.60	22.80		0.047	2.756		8.910	1.165	0.898
SSC-WL1280-13		1.30	80.00		44.312	34.83	34.50		0.051	3.150		9.962	1.371	1.358
SSC-WM1215-1		1.10	15.00		21.477	7.70	7.40		0.043	0.591		4.829	0.303	0.291
SSC-WM1220-2		1.10	20.00		30.656	9.58	7.40		0.043	0.787		6.892	0.377	0.291
SSC-WM1225-3		1.10	25.00		30.656	14.58	7.40		0.043	0.984		6.892	0.574	0.291
SSC-WM1230-4		1.20	30.00		39.599	16.54	10.20		0.047	1.181		8.903	0.651	0.402
SSC-WM1235-5		1.20	35.00		39.599	21.54	10.20		0.047	1.378		8.903	0.848	0.402
SSC-WM1240-6		1.30	40.00		48.778	23.42	14.30		0.051	1.575		10.966	0.922	0.563
SSC-WM1245-7	12.00	1.30	45.00	2.942	48.778	28.42	14.30	0.472	0.051	1.772	16.800	10.966	1.119	0.563
SSC-WM1250-8		1.30	50.00		48.778	33.42	14.30		0.051	1.969		10.966	1.316	0.563
SSC-WM1255-9		1.40	55.00		60.635	34.39	19.60		0.055	2.165		13.632	1.354	0.772
SSC-WM1260-10		1.40	60.00		60.635	39.39	19.60		0.055	2.362		13.632	1.551	0.772
SSC-WM1265-11		1.50	65.00		74.197	39.78	26.30		0.059	2.559		16.681	1.566	1.035
SSC-WM1270-12		1.50	70.00		74.197	44.78	26.30		0.059	2.756		16.681	1.763	1.035
SSC-WM1280-13		1.60	80.00		87.083	50.40	36.80		0.063	3.150		19.578	1.984	1.449



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WH1215-1		1.30	15.00		32.774	9.43	9.10		0.051	0.591		7.368	0.371	0.358
SSC-WH1220-2		1.30	20.00		48.778	11.71	9.10		0.051	0.787		10.966	0.461	0.358
SSC-WH1225-3		1.30	25.00		48.778	16.71	9.10		0.051	0.984		10.966	0.658	0.358
SSC-WH1230-4		1.40	30.00		60.605	19.70	11.90		0.055	1.181		13.625	0.776	0.469
SSC-WH1235-5		1.40	35.00		60.605	24.70	11.90		0.055	1.378		13.625	0.972	0.469
SSC-WH1240-6		1.50	40.00		74.197	27.39	15.40		0.059	1.575		16.681	1.078	0.606
SSC-WH1245-7	12.00	1.50	45.00	5.884	74.197	32.39	15.40	0.472	0.059	1.772	33.599	16.681	1.275	0.606
SSC-WH1250-8		1.60	50.00		87.083	35.20	20.40		0.063	1.969		19.578	1.386	0.803
SSC-WH1255-9		1.60	55.00		87.083	40.20	20.40		0.063	2.165		19.578	1.583	0.803
SSC-WH1260-10		1.70	60.00		103.853	42.35	26.80		0.067	2.362		23.347	1.667	1.055
SSC-WH1265-11		1.70	65.00		103.853	47.35	26.80		0.067	2.559		23.347	1.864	1.055
SSC-WH1270-12		1.80	70.00		119.092	49.76	35.10		0.071	2.756		26.773	1.959	1.382
SSC-WH1280-13		1.90	80.00		139.274	56.33	45.60		0.075	3.150		31.311	2.218	1.795
SSC-120070-1			32.70	0.483	8.448	15.21	3.85			1.287	2.759	1.900	0.599	0.152
SSC-120070-2			50.00	0.308	8.464	22.52	5.25			1.969	1.759	1.903	0.887	0.207
SSC-120070-3	12.00	0.70	65.00	0.235	8.453	29.03	6.32	0.472	0.028	2.559	1.342	1.901	1.143	0.249
SSC-120070-4			84.60	0.177	8.418	37.04	8.05			3.331	1.011	1.893	1.458	0.317
SSC-120070-5			136.00	0.108	8.388	58.33	12.25			5.354	0.617	1.886	2.296	0.482
SSC-120080-1			23.00	0.850	12.597	8.18	4.40			0.906	4.854	2.832	0.322	0.173
SSC-120080-2			36.00	0.539	12.564	12.69	6.00			1.417	3.078	2.825	0.500	0.236
SSC-120080-3	12.00	0.80	45.00	0.411	12.560	14.44	7.22	0.472	0.031	1.772	2.347	2.824	0.569	0.284
SSC-120080-4			54.00	0.350	12.625	17.93	8.40			2.126	1.999	2.839	0.706	0.331
SSC-120080-5			84.00	0.219	12.531	26.78	12.40			3.307	1.251	2.818	1.054	0.488
SSC-120110-1			23.00	3.292	30.649	13.69	6.05			0.906	18.798	6.891	0.539	0.238
SSC-120110-2	12.00	1.10	34.00	2.095	30.671	19.36	8.25	0.472	0.043	1.339	11.963	6.896	0.762	0.325
SSC-120110-3			55.90	1.213	30.677	30.61	12.65			2.201	6.927	6.897	1.205	0.498
SSC-120110-4			88.80	0.744	30.697	47.54	19.25			3.496	4.249	6.902	1.872	0.758
SSC-120180-1			16.90	28.795	118.923	12.77	9.90			0.665	164.424	26.736	0.503	0.390
SSC-120180-2			24.60	18.322	119.093	18.10	13.50			0.969	104.622	26.774	0.713	0.531
SSC-120180-3	12.00	1.80	32.00	11.855	119.024	21.96	18.90	0.472	0.071	1.260	67.694	26.758	0.865	0.744
SSC-120180-4			39.80	10.606	119.105	28.57	20.70			1.567	60.562	26.776	1.125	0.815
SSC-120180-5			62.70	6.500	119.080	44.38	31.50			2.469	37.116	26.771	1.747	1.240
SSC-120200-1			18.00	46.575	161.150	14.54	10.82			0.709	265.951	36.228	0.572	0.426
SSC-120200-2			26.50	29.705	161.298	21.07	14.70			1.043	169.620	36.262	0.830	0.579
SSC-120200-3	12.00	2.00	38.50	19.210	161.172	30.11	20.54	0.472	0.079	1.516	109.692	36.233	1.185	0.809
SSC-120200-4			55.00	13.045	161.497	42.62	28.37			2.165	74.489	36.306	1.678	1.117
SSC-120200-5			79.50	8.805	161.308	61.18	40.08			3.130	50.278	36.264	2.409	1.578

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



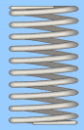
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-032G-1			12.70	1.344	12.136	3.67	3.37			0.500	7.675	2.729	0.144	0.133
SSC-032G-2			15.88	1.049	12.294	4.16	3.86			0.625	5.990	2.764	0.164	0.152
SSC-032G-3			19.05	0.892	12.996	4.48	4.25			0.750	5.094	2.922	0.176	0.167
SSC-032G-4			25.40	0.647	12.998	5.31	5.25			1.000	3.695	2.923	0.209	0.207
SSC-032G-5	12.19	0.81	28.58	0.549	12.287	6.20	5.90	0.480	0.032	1.125	3.135	2.763	0.244	0.232
SSC-032G-6			31.75	0.500	12.565	6.62	6.32			1.250	2.856	2.825	0.261	0.249
SSC-032G-7			34.93	0.441	12.211	7.24	6.94			1.375	2.519	2.746	0.285	0.273
SSC-032G-8			44.45	0.353	12.662	8.58	8.28			1.750	2.016	2.847	0.338	0.326
SSC-032G-9			50.80	0.304	12.510	9.65	9.35			2.000	1.736	2.813	0.380	0.368
SSC-032G-10			63.50	0.245	12.740	11.50	11.20			2.500	1.399	2.865	0.453	0.441
SSC-036G-1			12.70	2.749	17.951	6.17	3.60			0.500	15.698	4.036	0.243	0.142
SSC-036G-2			15.88	2.128	17.939	7.45	4.10			0.625	12.152	4.033	0.293	0.161
SSC-036G-3			19.05	1.736	17.950	8.71	4.60			0.750	9.913	4.036	0.343	0.181
SSC-036G-4			22.22	1.466	17.959	9.97	5.10			0.875	8.372	4.038	0.393	0.201
SSC-036G-5			25.40	1.268	17.955	11.24	5.65			1.000	7.241	4.037	0.443	0.222
SSC-036G-6			31.75	1.000	17.950	13.80	6.65			1.250	5.711	4.036	0.543	0.262
SSC-036G-7	12.19	0.91	38.10	0.825	17.960	16.33	7.65	0.480	0.036	1.500	4.711	4.038	0.643	0.301
SSC-036G-8			44.45	0.702	17.950	18.88	8.65			1.750	4.009	4.036	0.743	0.341
SSC-036G-9			50.80	0.611	17.951	21.42	9.65			2.000	3.489	4.036	0.843	0.380
SSC-036G-10			57.15	0.541	17.950	23.97	10.65			2.250	3.090	4.036	0.944	0.419
SSC-036G-11			63.50	0.485	17.950	26.49	11.70			2.500	2.770	4.036	1.043	0.461
SSC-036G-12			69.85	0.440	17.974	29.00	12.70			2.750	2.513	4.041	1.142	0.500
SSC-036G-13			76.20	0.403	17.966	31.62	13.70			3.000	2.302	4.039	1.245	0.539
SSC-038G-1			12.70	3.501	21.076	6.68	3.65			0.500	19.992	4.739	0.263	0.144
SSC-038G-2			15.88	2.618	21.049	7.84	4.35			0.625	14.950	4.732	0.309	0.171
SSC-038G-3			19.05	2.187	21.061	9.42	4.85			0.750	12.489	4.735	0.371	0.191
SSC-038G-4			22.22	1.834	21.073	10.73	5.35			0.875	10.473	4.738	0.422	0.211
SSC-038G-5			25.40	1.569	21.072	11.97	5.80			1.000	8.960	4.738	0.471	0.228
SSC-038G-6			31.75	1.314	21.063	15.72	6.80			1.250	7.504	4.736	0.619	0.268
SSC-038G-7	12.19	0.96	38.10	1.049	21.064	18.02	8.00	0.480	0.038	1.500	5.990	4.736	0.709	0.315
SSC-038G-8			41.28	0.961	21.075	19.35	8.45			1.625	5.488	4.738	0.762	0.333
SSC-038G-9			44.45	0.853	21.069	19.75	9.15			1.750	4.871	4.737	0.778	0.360
SSC-038G-10			50.80	0.744	21.063	22.49	10.35			2.000	4.249	4.736	0.885	0.407
SSC-038G-11			57.15	0.644	21.059	24.45	11.70			2.250	3.678	4.735	0.963	0.461
SSC-038G-12			63.50	0.579	21.087	27.08	12.80			2.500	3.307	4.741	1.066	0.504
SSC-038G-13			69.85	0.525	21.058	29.74	13.85			2.750	2.998	4.734	1.171	0.545
SSC-038G-14			76.20	0.478	21.070	32.12	14.95			3.000	2.730	4.737	1.265	0.589

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-042G-1			12.70	4.904	27.806	7.03	4.30			0.500	28.003	6.251	0.277	0.169
SSC-042G-2			15.88	3.844	27.831	8.64	5.10			0.625	21.950	6.257	0.340	0.201
SSC-042G-3			19.05	3.148	27.828	10.21	5.65			0.750	17.976	6.257	0.402	0.222
SSC-042G-4			22.22	2.618	27.829	11.59	6.30			0.875	14.950	6.257	0.456	0.248
SSC-042G-5			25.40	2.275	27.823	13.17	6.95			1.000	12.991	6.255	0.519	0.274
SSC-042G-6			31.75	1.746	27.831	15.81	8.30			1.250	9.970	6.257	0.622	0.327
SSC-042G-7	12.19	1.07	38.10	1.491	27.837	19.43	9.65	0.480	0.042	1.500	8.514	6.258	0.765	0.380
SSC-042G-8			41.28	1.344	27.834	20.57	10.15			1.625	7.675	6.258	0.810	0.400
SSC-042G-9			44.45	1.206	27.822	21.38	11.10			1.750	6.887	6.255	0.842	0.437
SSC-042G-10			50.80	1.049	27.819	24.28	12.45			2.000	5.990	6.255	0.956	0.490
SSC-042G-11			57.15	0.961	27.831	28.19	12.80			2.250	5.488	6.257	1.110	0.504
SSC-042G-12			63.50	0.873	27.840	31.61	14.25			2.500	4.985	6.259	1.244	0.561
SSC-042G-13			69.85	0.793	27.818	34.77	15.50			2.750	4.529	6.254	1.369	0.610
SSC-042G-14			76.20	0.723	27.821	37.72	16.75			3.000	4.129	6.255	1.485	0.659
SSC-045G-1			12.70	6.129	33.771	7.19	4.90			0.500	34.998	7.592	0.283	0.193
SSC-045G-2			15.88	4.904	33.789	8.99	5.45			0.625	28.003	7.596	0.354	0.215
SSC-045G-3			19.05	3.844	33.789	10.26	6.30			0.750	21.950	7.597	0.404	0.248
SSC-045G-4			22.22	3.324	33.805	12.05	6.90			0.875	18.981	7.600	0.474	0.272
SSC-045G-5			25.40	2.971	33.810	14.02	7.45			1.000	16.965	7.601	0.552	0.293
SSC-045G-6			31.75	2.275	33.807	16.89	9.15			1.250	12.991	7.601	0.665	0.360
SSC-045G-7	12.19	1.14	38.10	1.922	33.808	20.51	10.25	0.480	0.045	1.500	10.975	7.601	0.807	0.404
SSC-045G-8			41.28	1.707	33.799	21.48	11.35			1.625	9.748	7.599	0.846	0.447
SSC-045G-9			44.45	1.569	33.812	22.90	12.25			1.750	8.960	7.602	0.902	0.482
SSC-045G-10			50.80	1.344	33.828	25.63	13.75			2.000	7.675	7.605	1.009	0.541
SSC-045G-11			57.15	1.167	33.820	28.17	15.50			2.250	6.664	7.603	1.109	0.610
SSC-045G-12			63.50	1.079	33.827	32.15	16.90			2.500	6.162	7.605	1.266	0.665
SSC-045G-13			69.85	0.981	33.835	35.36	17.40			2.750	5.602	7.607	1.392	0.685
SSC-045G-14			76.20	0.892	33.807	38.30	18.85			3.000	5.094	7.601	1.508	0.742
SSC-051G-1			12.70	9.982	48.013	7.89	5.55			0.500	56.999	10.794	0.311	0.219
SSC-051G-2			15.88	7.522	48.066	9.49	6.50			0.625	42.952	10.806	0.374	0.256
SSC-051G-3			19.05	6.472	48.022	11.63	7.40			0.750	36.957	10.796	0.458	0.291
SSC-051G-4			22.22	5.158	48.073	12.90	8.15			0.875	29.453	10.808	0.508	0.321
SSC-051G-5			25.40	4.374	48.070	14.41	9.40			1.000	24.977	10.807	0.567	0.370
SSC-051G-6			31.75	3.413	48.055	17.67	11.15			1.250	19.489	10.804	0.696	0.439
SSC-051G-7	12.19	1.30	38.10	2.795	48.074	20.90	12.95	0.480	0.051	1.500	15.960	10.808	0.823	0.510
SSC-051G-8			41.28	2.589	48.052	22.72	13.95			1.625	14.784	10.803	0.894	0.549
SSC-051G-9			44.45	2.412	48.047	24.53	14.90			1.750	13.773	10.802	0.966	0.587
SSC-051G-10			50.80	2.099	48.067	27.90	16.85			2.000	11.986	10.806	1.098	0.663
SSC-051G-11			57.15	1.834	48.069	30.94	18.80			2.250	10.473	10.807	1.218	0.740
SSC-051G-12			63.50	1.657	48.053	34.50	20.75			2.500	9.462	10.803	1.358	0.817
SSC-051G-13			69.85	1.457	48.066	36.86	22.85			2.750	8.320	10.806	1.451	0.900
SSC-051G-14			76.20	1.334	48.077	40.16	24.75			3.000	7.618	10.809	1.581	0.974

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-055G-1			12.70	12.609	59.641	7.97	6.30			0.500	72.000	13.408	0.314	0.248
SSC-055G-2			15.88	9.807	59.725	9.79	7.35			0.625	56.000	13.427	0.385	0.289
SSC-055G-3			19.05	8.231	59.757	11.79	8.05			0.750	47.001	13.434	0.464	0.317
SSC-055G-4			22.22	6.649	59.708	13.24	9.45			0.875	37.967	13.423	0.521	0.372
SSC-055G-5			25.40	6.129	59.758	15.65	10.15			1.000	34.998	13.435	0.616	0.400
SSC-055G-6			31.75	4.728	59.715	19.12	12.25			1.250	26.998	13.425	0.753	0.482
SSC-055G-7	12.19	1.40	38.10	3.844	59.736	22.56	14.35	0.480	0.055	1.500	21.950	13.430	0.888	0.565
SSC-055G-8			41.28	3.501	59.762	24.21	15.35			1.625	19.992	13.436	0.953	0.604
SSC-055G-9			44.45	3.148	59.749	25.47	16.75			1.750	17.976	13.433	1.003	0.659
SSC-055G-10			50.80	2.795	59.757	29.42	18.30			2.000	15.960	13.434	1.158	0.720
SSC-055G-11			57.15	2.481	59.742	33.07	21.20			2.250	14.167	13.431	1.302	0.835
SSC-055G-12			63.50	2.187	59.749	36.18	23.55			2.500	12.489	13.433	1.424	0.927
SSC-055G-13			69.85	1.902	59.742	38.44	25.95			2.750	10.861	13.431	1.513	1.022
SSC-055G-14			76.20	1.744	59.749	41.94	28.10			3.000	9.959	13.433	1.651	1.106
SSC-059G-1			12.70	17.162	73.110	8.44	6.75			0.500	97.998	16.436	0.332	0.266
SSC-059G-2			15.88	13.134	73.025	10.32	8.00			0.625	74.998	16.417	0.406	0.315
SSC-059G-3			19.05	10.682	73.065	12.21	9.00			0.750	60.996	16.426	0.481	0.354
SSC-059G-4			22.22	8.931	73.056	14.04	10.10			0.875	50.998	16.424	0.553	0.398
SSC-059G-5			25.40	7.522	73.114	15.68	11.40			1.000	42.952	16.437	0.617	0.449
SSC-059G-6			31.75	5.954	73.115	19.47	13.80			1.250	33.999	16.437	0.767	0.543
SSC-059G-7	12.19	1.50	38.10	4.904	73.119	23.19	16.10	0.480	0.059	1.500	28.003	16.438	0.913	0.634
SSC-059G-8			41.28	4.462	73.132	24.89	17.20			1.625	25.479	16.441	0.980	0.677
SSC-059G-9			44.45	4.109	73.140	26.65	18.75			1.750	23.463	16.443	1.049	0.738
SSC-059G-10			50.80	3.589	73.108	30.43	21.00			2.000	20.494	16.436	1.198	0.827
SSC-059G-11			57.15	3.148	73.128	33.92	23.25			2.250	17.976	16.440	1.335	0.915
SSC-059G-12			63.50	2.795	73.145	37.33	25.70			2.500	15.960	16.444	1.470	1.012
SSC-059G-13			69.85	2.581	73.120	41.52	28.00			2.750	14.738	16.438	1.635	1.102
SSC-059G-14			76.20	2.357	73.114	45.18	30.30			3.000	13.459	16.437	1.779	1.193
SSC-063G-1			12.70	21.890	85.809	8.78	7.65			0.500	124.996	19.291	0.346	0.301
SSC-063G-2			15.88	16.637	85.847	10.72	8.85			0.625	95.000	19.300	0.422	0.348
SSC-063G-3			19.05	13.484	85.758	12.69	10.05			0.750	76.996	19.280	0.500	0.396
SSC-063G-4			22.22	11.383	85.828	14.68	11.60			0.875	64.999	19.295	0.578	0.457
SSC-063G-5			25.40	9.982	85.845	16.80	12.85			1.000	56.999	19.299	0.661	0.506
SSC-063G-6			31.75	7.881	85.824	20.86	15.25			1.250	45.002	19.295	0.821	0.600
SSC-063G-7	12.19	1.60	38.10	6.472	85.819	24.84	17.65	0.480	0.063	1.500	36.957	19.293	0.978	0.695
SSC-063G-8			41.28	5.954	85.857	26.86	19.20			1.625	33.999	19.302	1.057	0.756
SSC-063G-9			44.45	5.423	85.846	28.62	20.80			1.750	30.967	19.299	1.127	0.819
SSC-063G-10			50.80	4.728	85.813	32.65	23.35			2.000	26.998	19.292	1.285	0.919
SSC-063G-11			57.15	4.197	85.829	36.70	26.35			2.250	23.966	19.296	1.445	1.037
SSC-063G-12			63.50	3.727	85.870	40.46	29.00			2.500	21.282	19.305	1.593	1.142
SSC-063G-13			76.20	2.971	85.832	47.31	34.40			3.000	16.965	19.296	1.863	1.354

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-067G-1			12.70	31.347	102.191	9.44	7.75			0.500	178.996	22.974	0.372	0.305
SSC-067G-2			15.88	23.292	102.252	11.49	9.15			0.625	133.001	22.988	0.452	0.360
SSC-067G-3			19.05	18.563	102.282	13.54	10.55			0.750	105.998	22.994	0.533	0.415
SSC-067G-4			22.22	15.429	102.294	15.59	11.95			0.875	88.102	22.997	0.614	0.470
SSC-067G-5			25.40	13.205	102.339	17.65	13.35			1.000	75.403	23.007	0.695	0.526
SSC-067G-6			31.75	10.245	102.348	21.76	16.15			1.250	58.501	23.009	0.857	0.636
SSC-067G-7	12.19	1.70	38.10	8.371	102.377	25.87	18.95	0.480	0.067	1.500	47.800	23.016	1.019	0.746
SSC-067G-8			44.45	7.075	102.375	29.98	21.75			1.750	40.400	23.015	1.180	0.856
SSC-067G-9			50.80	6.129	102.416	34.09	24.55			2.000	34.998	23.024	1.342	0.967
SSC-067G-10			57.15	5.394	102.432	38.16	27.40			2.250	30.801	23.028	1.502	1.079
SSC-067G-11			63.50	4.834	102.432	42.31	30.10			2.500	27.603	23.028	1.666	1.185
SSC-067G-12			69.85	4.378	102.401	46.46	32.85			2.750	25.000	23.021	1.829	1.293
SSC-067G-13			76.20	3.993	102.420	50.55	35.70			3.000	22.801	23.026	1.990	1.406
SSC-072G-1			12.70	43.782	123.027	9.89	8.25			0.500	250.002	27.658	0.389	0.325
SSC-072G-2			15.88	32.399	123.116	12.08	9.80			0.625	185.004	27.678	0.476	0.386
SSC-072G-3			19.05	25.726	123.228	14.26	11.40			0.750	146.900	27.703	0.561	0.449
SSC-072G-4			22.22	21.313	123.189	16.44	12.95			0.875	121.701	27.695	0.647	0.510
SSC-072G-5			25.40	18.213	123.120	18.64	14.50			1.000	103.999	27.679	0.734	0.571
SSC-072G-6			31.75	14.098	123.217	23.01	17.65			1.250	80.502	27.701	0.906	0.695
SSC-072G-7	12.19	1.83	38.10	11.506	123.229	27.39	20.80	0.480	0.072	1.500	65.701	27.704	1.078	0.819
SSC-072G-8			44.45	9.702	123.215	31.75	23.95			1.750	55.400	27.700	1.250	0.943
SSC-072G-9			50.80	8.406	123.148	36.15	27.05			2.000	48.000	27.685	1.423	1.065
SSC-072G-10			57.15	7.408	123.195	40.52	30.25			2.250	42.301	27.696	1.595	1.191
SSC-072G-11			63.50	6.620	123.198	44.89	33.35			2.500	37.802	27.697	1.767	1.313
SSC-072G-12			69.85	5.989	123.194	49.28	36.50			2.750	34.199	27.696	1.940	1.437
SSC-072G-13			76.20	5.464	123.213	53.65	39.65			3.000	31.201	27.700	2.112	1.561
SSC-080G-1			12.70	74.587	161.108	10.54	8.65			0.500	425.903	36.219	0.415	0.341
SSC-080G-2			15.88	54.335	160.288	12.93	10.34			0.625	310.261	36.035	0.509	0.407
SSC-080G-3			19.05	42.976	161.160	15.30	12.00			0.750	245.400	36.231	0.602	0.472
SSC-080G-4			22.22	35.463	161.002	17.68	13.70			0.875	202.499	36.195	0.696	0.539
SSC-080G-5			25.40	30.192	161.225	20.06	15.40			1.000	172.401	36.245	0.790	0.606
SSC-080G-6			31.75	23.257	161.171	24.82	18.75			1.250	132.801	36.233	0.977	0.738
SSC-080G-7	12.19	2.03	38.10	18.931	161.292	29.58	22.10	0.480	0.080	1.500	108.099	36.260	1.165	0.870
SSC-080G-8			44.45	15.954	161.295	34.34	25.50			1.750	91.100	36.261	1.352	1.004
SSC-080G-9			50.80	13.783	161.261	39.10	28.85			2.000	78.703	36.253	1.539	1.136
SSC-080G-10			57.15	12.136	161.287	43.86	32.25			2.250	69.299	36.259	1.727	1.270
SSC-080G-11			63.50	10.840	161.191	48.63	35.60			2.500	61.898	36.238	1.915	1.402
SSC-080G-12			69.85	9.790	161.241	53.38	38.95			2.750	55.903	36.249	2.102	1.533
SSC-080G-13			76.20	8.931	161.205	58.15	42.30			3.000	50.998	36.241	2.289	1.665
SSC-123200-1			25.00	27.129	157.891	19.18	15.00			0.984	154.911	35.496	0.755	0.591
SSC-123200-2			32.00	19.890	157.927	24.06	19.00			1.260	113.575	35.504	0.947	0.748
SSC-123200-3			38.00	15.700	157.942	27.94	23.00			1.496	89.650	35.507	1.100	0.906
SSC-123200-4	12.30	2.00	44.00	13.560	157.974	32.35	26.00	0.484	0.079	1.732	77.430	35.514	1.274	1.024
SSC-123200-5			51.00	11.050	157.905	36.71	31.00			2.008	63.098	35.499	1.445	1.220
SSC-123200-6			64.00	8.289	157.988	44.94	40.00			2.520	47.332	35.518	1.769	1.575
SSC-123200-7			76.00	7.104	157.993	53.76	46.00			2.992	40.565	35.519	2.117	1.811

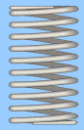
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COMPRESSION SPRINGS

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	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-125100-1			21.0	1.915	22.846	9.07	5.50			0.827	10.935	5.136	0.357	0.217
SSC-125100-2			32.0	1.220	22.875	13.25	7.50			1.260	6.967	5.143	0.522	0.295
SSC-125100-3	12.50	1.00	48.0	0.789	22.873	19.01	10.50	0.492	0.039	1.890	4.506	5.143	0.748	0.413
SSC-125100-4			65.0	0.589	22.871	26.17	13.10			2.559	3.364	5.142	1.030	0.516
SSC-125100-5			77.0	0.497	22.892	30.94	15.50			3.031	2.838	5.147	1.218	0.610
SSC-125150-1			17.80	11.072	71.414	11.35	8.25			0.701	63.223	16.055	0.447	0.325
SSC-125150-2			26.20	7.046	71.446	16.06	11.25			1.031	40.234	16.062	0.632	0.443
SSC-125150-3	12.50	1.50	38.80	4.560	71.455	23.13	15.75	0.492	0.059	1.528	26.039	16.064	0.911	0.620
SSC-125150-4			55.80	3.099	71.432	32.75	21.75			2.197	17.696	16.059	1.289	0.856
SSC-125150-5			80.90	2.094	71.426	46.79	30.75			3.185	11.958	16.058	1.842	1.211
SSC-WR1315-1		0.70	15.00		2.881	5.20	4.90		0.028	0.591		0.648	0.205	0.193
SSC-WR1320-2		0.70	20.00		4.351	5.20	4.90		0.028	0.787		0.979	0.205	0.193
SSC-WR1325-3		0.80	25.00		4.792	8.70	8.40		0.031	0.984		1.078	0.343	0.331
SSC-WR1330-4		0.80	30.00		6.262	8.70	8.40		0.031	1.181		1.408	0.343	0.331
SSC-WR1335-5		0.80	35.00		7.732	8.70	8.40		0.031	1.378		1.739	0.343	0.331
SSC-WR1340-6		0.90	40.00		7.703	13.80	13.50		0.035	1.575		1.732	0.543	0.531
SSC-WR1345-7	13.00	0.90	45.00	0.294	9.173	13.80	13.50	0.512	0.035	1.772	1.679	2.063	0.543	0.531
SSC-WR1350-8		0.90	50.00		10.643	13.80	13.50		0.035	1.969		2.393	0.543	0.531
SSC-WR1355-9		0.90	55.00		12.113	13.80	13.50		0.035	2.165		2.724	0.543	0.531
SSC-WR1360-10		1.00	60.00		11.084	22.30	22.00		0.039	2.362		2.492	0.878	0.866
SSC-WR1365-11		1.00	65.00		12.554	22.30	22.00		0.039	2.559		2.823	0.878	0.866
SSC-WR1370-12		1.00	70.00		14.024	22.30	22.00		0.039	2.756		3.153	0.878	0.866
SSC-WR1380-13		1.00	80.00		16.964	22.30	22.00		0.039	3.150		3.814	0.878	0.866
SSC-WF1315-1		0.80	15.00		4.263	6.30	6.00		0.031	0.591		0.959	0.248	0.236
SSC-WF1320-2		0.80	20.00		6.713	6.30	6.00		0.031	0.787		1.510	0.248	0.236
SSC-WF1325-3		0.85	25.00		8.575	7.50	7.20		0.033	0.984		1.928	0.295	0.283
SSC-WF1330-4		1.00	30.00		7.203	15.30	15.00		0.039	1.181		1.620	0.602	0.591
SSC-WF1335-5		1.00	35.00		9.653	15.30	15.00		0.039	1.378		2.171	0.602	0.591
SSC-WF1340-6		1.00	40.00		12.103	15.30	15.00		0.039	1.575		2.721	0.602	0.591
SSC-WF1345-7	13.00	1.00	45.00	0.490	14.553	15.30	15.00	0.512	0.039	1.772	2.798	3.272	0.602	0.591
SSC-WF1350-8		1.00	50.00		17.003	15.30	15.00		0.039	1.969		3.823	0.602	0.591
SSC-WF1355-9		1.10	55.00		16.023	22.30	22.00		0.043	2.165		3.603	0.878	0.866
SSC-WF1360-10		1.10	60.00		18.473	22.30	22.00		0.043	2.362		4.153	0.878	0.866
SSC-WF1365-11		1.10	65.00		20.923	22.30	22.00		0.043	2.559		4.704	0.878	0.866
SSC-WF1370-12		1.10	70.00		23.373	22.30	22.00		0.043	2.756		5.255	0.878	0.866
SSC-WF1380-13		1.10	80.00		28.386	22.07	22.00		0.043	3.150		6.382	0.869	0.866
SSC-WF1390-14		1.20	90.00		27.489	33.90	33.60		0.047	3.543		6.180	1.335	1.323

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WL1315-1		0.90	15.00		8.240	6.60	6.30		0.035	0.591		1.853	0.260	0.248
SSC-WL1320-2		1.00	20.00		10.791	9.00	8.70		0.039	0.787		2.426	0.354	0.343
SSC-WL1325-3		1.00	25.00		15.696	9.00	8.70		0.039	0.984		3.529	0.354	0.343
SSC-WL1330-4		1.10	30.00		16.187	13.50	13.20		0.043	1.181		3.639	0.531	0.520
SSC-WL1335-5		1.10	35.00		21.092	13.50	13.20		0.043	1.378		4.742	0.531	0.520
SSC-WL1340-6		1.10	40.00		25.997	13.50	13.20		0.043	1.575		5.845	0.531	0.520
SSC-WL1345-7	13.00	1.10	45.00	0.981	28.410	16.04	13.20	0.512	0.043	1.772	5.602	6.387	0.631	0.520
SSC-WL1350-8		1.10	50.00		28.410	21.04	13.20		0.043	1.969		6.387	0.828	0.520
SSC-WL1355-9		1.10	55.00		28.410	26.04	13.20		0.043	2.165		6.387	1.025	0.520
SSC-WL1360-10		1.10	60.00		28.410	31.04	13.20		0.043	2.362		6.387	1.222	0.520
SSC-WL1365-11		1.20	65.00		36.738	27.55	18.60		0.047	2.559		8.260	1.085	0.732
SSC-WL1370-12		1.20	70.00		36.738	32.55	18.60		0.047	2.756		8.260	1.281	0.732
SSC-WL1380-13		1.40	80.00		41.055	38.15	37.80		0.055	3.150		9.230	1.502	1.488
SSC-WL1390-14		1.40	90.00		50.865	38.15	37.80		0.055	3.543		11.435	1.502	1.488
SSC-WT1315-1		1.00	15.00		17.061	6.30	6.00		0.039	0.591		3.836	0.248	0.236
SSC-WT1320-2		1.10	20.00		22.453	8.55	8.25		0.043	0.787		5.048	0.337	0.325
SSC-WT1325-3		1.10	25.00		28.395	10.52	8.25		0.043	0.984		6.384	0.414	0.325
SSC-WT1330-4		1.20	30.00		36.710	11.28	11.10		0.047	1.181		8.253	0.444	0.437
SSC-WT1335-5		1.20	35.00		36.710	16.28	11.10		0.047	1.378		8.253	0.641	0.437
SSC-WT1340-6		1.20	40.00		36.710	21.28	11.10		0.047	1.575		8.253	0.838	0.437
SSC-WT1345-7	13.00	1.20	45.00	1.961	36.710	26.28	11.10	0.512	0.047	1.772	11.198	8.253	1.035	0.437
SSC-WT1350-8		1.30	50.00		45.240	26.93	15.60		0.051	1.969		10.171	1.060	0.614
SSC-WT1355-9		1.30	55.00		45.240	31.93	15.60		0.051	2.165		10.171	1.257	0.614
SSC-WT1360-10		1.30	60.00		45.240	36.93	15.60		0.051	2.362		10.171	1.454	0.614
SSC-WT1365-11		1.40	65.00		56.261	36.31	21.00		0.055	2.559		12.648	1.430	0.827
SSC-WT1370-12		1.40	70.00		56.261	41.31	21.00		0.055	2.756		12.648	1.626	0.827
SSC-WT1380-13		1.40	80.00		56.261	51.31	21.00		0.055	3.150		12.648	2.020	0.827
SSC-WM1315-1		1.20	15.00		18.535	8.70	8.40		0.047	0.591		4.167	0.343	0.331
SSC-WM1320-2		1.30	20.00		23.448	12.03	11.70		0.051	0.787		5.272	0.474	0.461
SSC-WM1325-3		1.30	25.00		38.158	12.03	11.70		0.051	0.984		8.579	0.474	0.461
SSC-WM1330-4		1.40	30.00		44.571	14.85	14.50		0.055	1.181		10.021	0.585	0.571
SSC-WM1335-5		1.40	35.00		56.251	15.88	14.50		0.055	1.378		12.646	0.625	0.571
SSC-WM1340-6		1.40	40.00		56.251	20.88	14.50		0.055	1.575		12.646	0.822	0.571
SSC-WM1345-7	13.00	1.40	45.00	2.942	56.251	25.88	14.50	0.512	0.055	1.772	16.800	12.646	1.019	0.571
SSC-WM1350-8		1.40	50.00		56.251	30.88	14.50		0.055	1.969		12.646	1.216	0.571
SSC-WM1355-9		1.50	55.00		68.902	31.58	22.50		0.059	2.165		15.490	1.243	0.886
SSC-WM1360-10		1.50	60.00		68.902	36.58	22.50		0.059	2.362		15.490	1.440	0.886
SSC-WM1365-11		1.60	65.00		80.905	37.50	28.80		0.063	2.559		18.189	1.476	1.134
SSC-WM1370-12		1.60	70.00		80.905	42.50	28.80		0.063	2.756		18.189	1.673	1.134
SSC-WM1380-13		1.70	80.00		96.586	47.17	37.40		0.067	3.150		21.714	1.857	1.472

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



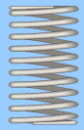
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WH1315-1		1.50	15.00		52.173	9.68	9.30		0.059	0.591		11.730	0.381	0.366
SSC-WH1320-2		1.60	20.00		71.591	12.70	12.30		0.063	0.787		16.095	0.500	0.484
SSC-WH1325-3		1.60	25.00		80.908	16.75	12.30		0.063	0.984		18.189	0.659	0.484
SSC-WH1330-4		1.70	30.00		96.599	20.15	15.00		0.067	1.181		21.717	0.793	0.591
SSC-WH1335-5		1.70	35.00		96.599	25.15	15.00		0.067	1.378		21.717	0.990	0.591
SSC-WH1340-6		1.80	40.00		110.819	28.70	19.00		0.071	1.575		24.914	1.130	0.748
SSC-WH1345-7	13.00	1.90	45.00	9.807	129.649	31.78	25.00	0.512	0.075	1.772	56.000	29.147	1.251	0.984
SSC-WH1350-8		1.90	50.00		129.649	36.78	25.00		0.075	1.969		29.147	1.448	0.984
SSC-WH1355-9		2.00	55.00		150.439	39.66	30.00		0.079	2.165		33.821	1.561	1.181
SSC-WH1360-10		2.00	60.00		150.439	44.66	30.00		0.079	2.362		33.821	1.758	1.181
SSC-WH1365-11		2.10	65.00		168.092	47.86	39.00		0.083	2.559		37.789	1.884	1.535
SSC-WH1370-12		2.10	70.00		168.092	52.86	39.00		0.083	2.756		37.789	2.081	1.535
SSC-WH1380-13		2.10	80.00		168.092	62.86	39.00		0.083	3.150		37.789	2.475	1.535
SSC-WB1315-1		1.80	15.0		69.626	11.45	11.00		0.071	0.591		15.653	0.451	0.433
SSC-WB1320-2		1.80	20.0		110.813	14.35	11.00		0.071	0.787		24.912	0.565	0.433
SSC-WB1325-3		2.00	25.0		127.485	18.50	18.00		0.079	0.984		28.660	0.728	0.709
SSC-WB1330-4		2.00	30.0		150.432	22.33	18.00		0.079	1.181		33.819	0.879	0.709
SSC-WB1335-5		2.10	35.0		168.083	26.43	22.00		0.083	1.378		37.787	1.041	0.866
SSC-WB1340-6		2.10	40.0		168.083	31.43	22.00		0.083	1.575		37.787	1.237	0.866
SSC-WB1345-7	13.00	2.30	45.0	19.613	218.097	33.88	32.00	0.512	0.091	1.772	111.994	49.031	1.334	1.260
SSC-WB1350-8		2.30	50.0		218.097	38.88	32.00		0.091	1.969		49.031	1.531	1.260
SSC-WB1355-9		2.40	55.0		246.339	42.44	42.00		0.094	2.165		55.380	1.671	1.654
SSC-WB1360-10		2.40	60.0		246.339	47.44	42.00		0.094	2.362		55.380	1.868	1.654
SSC-WB1365-11		2.40	65.0		246.339	52.44	42.00		0.094	2.559		55.380	2.065	1.654
SSC-WB1370-12		2.50	70.0		276.543	55.90	50.00		0.098	2.756		62.170	2.201	1.969
SSC-WB1380-13		2.50	80.0		276.543	65.90	50.00		0.098	3.150		62.170	2.594	1.969
SSC-130120-1			22.80	3.675	36.750	12.80	6.60			0.898	20.985	8.262	0.504	0.260
SSC-130120-2			34.40	2.337	36.714	18.69	9.00			1.354	13.345	8.254	0.736	0.354
SSC-130120-3			41.00	1.715	36.735	19.58	11.40			1.614	9.793	8.259	0.771	0.449
SSC-130120-4	13.00	1.20	57.70	1.355	36.775	30.56	13.80	0.512	0.047	2.272	7.738	8.268	1.203	0.543
SSC-130120-5			69.00	0.953	36.767	30.42	18.60			2.717	5.442	8.266	1.198	0.732
SSC-130120-6			82.00	0.780	36.777	34.85	22.20			3.228	4.454	8.268	1.372	0.874
SSC-130120-7			92.70	0.830	36.769	48.40	21.00			3.650	4.740	8.266	1.906	0.827
SSC-130200-1			38.00	15.691	150.320	28.42	19.22			1.496	89.598	33.794	1.119	0.757
SSC-130200-2			50.00	11.664	150.349	37.11	25.00			1.969	66.604	33.800	1.461	0.984
SSC-130200-3	13.00	2.00	68.00	8.445	150.405	50.19	33.00	0.512	0.079	2.677	48.223	33.813	1.976	1.299
SSC-130200-4			89.00	6.275	150.286	65.05	43.00			3.504	35.832	33.786	2.561	1.693
SSC-130200-5			107.00	5.210	150.413	78.13	51.00			4.213	29.750	33.815	3.076	2.008
SSC-135100-1			24.00	1.491	21.232	9.76	5.00			0.945	8.514	4.774	0.384	0.197
SSC-135100-2			36.50	0.951	21.236	14.17	7.35			1.437	5.431	4.775	0.558	0.289
SSC-135100-3	13.50	1.00	55.50	0.611	21.251	20.72	10.34	0.531	0.039	2.185	3.489	4.778	0.816	0.407
SSC-135100-4			80.50	0.411	21.269	28.75	14.40			3.169	2.347	4.782	1.132	0.567
SSC-135100-5			115.00	0.281	21.294	39.22	20.16			4.528	1.605	4.788	1.544	0.794

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-041GH-1			12.70	3.677	22.908	6.47	3.95			0.500	20.997	5.150	0.255	0.156
SSC-041GH-2			15.88	2.854	22.946	7.84	4.50			0.625	16.297	5.159	0.309	0.177
SSC-041GH-3			19.05	2.324	22.938	9.18	5.00			0.750	13.271	5.157	0.361	0.197
SSC-041GH-4			22.22	1.961	22.924	10.53	5.50			0.875	11.198	5.154	0.415	0.217
SSC-041GH-5			25.40	1.691	22.930	11.84	6.00			1.000	9.656	5.155	0.466	0.236
SSC-041GH-6			31.75	1.328	22.921	14.49	7.00			1.250	7.584	5.153	0.570	0.276
SSC-041GH-7	13.72	1.04	38.10	1.095	22.951	17.14	8.00	0.540	0.041	1.500	6.253	5.160	0.675	0.315
SSC-041GH-8			44.45	0.932	22.946	19.83	9.00			1.750	5.322	5.159	0.781	0.354
SSC-041GH-9			50.80	0.808	22.915	22.44	10.00			2.000	4.614	5.152	0.883	0.394
SSC-041GH-10			57.15	0.716	22.948	25.10	11.00			2.250	4.089	5.159	0.988	0.433
SSC-041GH-11			63.50	0.643	22.955	27.80	12.00			2.500	3.672	5.161	1.094	0.472
SSC-041GH-12			69.85	0.581	22.926	30.39	13.00			2.750	3.318	5.155	1.196	0.512
SSC-041GH-13			76.20	0.532	22.929	33.10	14.00			3.000	3.038	5.155	1.303	0.551
SSC-046GH-1			12.70	5.429	32.357	6.74	4.60			0.500	31.001	7.275	0.265	0.181
SSC-046GH-2			15.88	4.203	32.363	8.18	5.30			0.625	24.000	7.276	0.322	0.209
SSC-046GH-3			19.05	3.415	32.374	9.57	5.95			0.750	19.501	7.279	0.377	0.234
SSC-046GH-4			22.22	2.872	32.367	10.95	6.55			0.875	16.400	7.277	0.431	0.258
SSC-046GH-5			25.40	2.469	32.369	12.29	7.20			1.000	14.099	7.277	0.484	0.283
SSC-046GH-6			31.75	1.939	32.381	15.05	8.45			1.250	11.072	7.280	0.593	0.333
SSC-046GH-7	13.72	1.17	38.10	1.594	32.390	17.78	9.75	0.540	0.046	1.500	9.102	7.282	0.700	0.384
SSC-046GH-8			44.45	1.353	32.377	20.52	11.00			1.750	7.726	7.279	0.808	0.433
SSC-046GH-9			50.80	1.177	32.391	23.28	12.30			2.000	6.721	7.282	0.917	0.484
SSC-046GH-10			57.15	1.040	32.396	26.00	13.55			2.250	5.939	7.283	1.024	0.533
SSC-046GH-11			63.50	0.932	32.396	28.74	14.80			2.500	5.322	7.283	1.131	0.583
SSC-046GH-12			69.85	0.843	32.371	31.45	16.10			2.750	4.814	7.278	1.238	0.634
SSC-046GH-13			76.20	0.772	32.370	34.27	17.35			3.000	4.409	7.278	1.349	0.683
SSC-049GH-1			25.40	3.069	39.345	12.58	7.60			1.000	17.525	8.846	0.495	0.299
SSC-049GH-2			27.00	2.883	39.353	13.35	7.93			1.063	16.463	8.847	0.526	0.312
SSC-049GH-3			30.50	2.501	39.366	14.76	8.76			1.201	14.282	8.850	0.581	0.345
SSC-049GH-4			38.10	1.981	39.362	18.23	10.40			1.500	11.312	8.850	0.718	0.409
SSC-049GH-5	13.72	1.25	41.29	1.814	39.364	19.59	11.12	0.540	0.049	1.626	10.359	8.850	0.771	0.438
SSC-049GH-6			50.80	1.451	39.351	23.68	13.28			2.000	8.286	8.847	0.932	0.523
SSC-049GH-7			61.00	1.187	39.385	27.82	15.69			2.402	6.778	8.855	1.095	0.618
SSC-049GH-8			76.20	0.941	39.353	34.38	19.12			3.000	5.374	8.847	1.354	0.753
SSC-049GH-9			88.90	0.804	39.364	39.94	21.96			3.500	4.591	8.850	1.572	0.865
SSC-049GH-10			130.20	0.549	39.358	58.51	30.99			5.126	3.135	8.848	2.304	1.220

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-054GH-1			12.70	10.035	50.275	7.69	5.65			0.500	57.302	11.303	0.303	0.222
SSC-054GH-2			15.88	7.600	50.312	9.26	6.50			0.625	43.398	11.311	0.365	0.256
SSC-054GH-3			19.05	6.129	50.319	10.84	7.35			0.750	34.998	11.313	0.427	0.289
SSC-054GH-4			22.22	5.129	50.367	12.40	8.20			0.875	29.288	11.323	0.488	0.323
SSC-054GH-5			25.40	4.413	50.352	13.99	9.05			1.000	25.199	11.320	0.551	0.356
SSC-054GH-6			31.75	3.442	50.356	17.12	10.75			1.250	19.655	11.321	0.674	0.423
SSC-054GH-7	13.72	1.37	38.10	2.824	50.352	20.27	12.45	0.540	0.054	1.500	16.126	11.320	0.798	0.490
SSC-054GH-8			44.45	2.393	50.373	23.40	14.15			1.750	13.665	11.325	0.921	0.557
SSC-054GH-9			50.80	2.079	50.353	26.58	15.85			2.000	11.872	11.320	1.046	0.624
SSC-054GH-10			57.15	1.834	50.362	29.69	17.55			2.250	10.473	11.322	1.169	0.691
SSC-054GH-11			63.50	1.648	50.379	32.93	19.25			2.500	9.411	11.326	1.296	0.758
SSC-054GH-12			69.85	1.491	50.381	36.06	20.95			2.750	8.514	11.327	1.420	0.825
SSC-054GH-13			76.20	1.359	50.365	39.14	22.65			3.000	7.761	11.323	1.541	0.892
SSC-058GH-1			12.70	13.268	62.094	8.02	6.15			0.500	75.763	13.960	0.316	0.242
SSC-058GH-2			15.88	10.013	62.081	9.68	7.10			0.625	57.176	13.957	0.381	0.280
SSC-058GH-3			19.05	8.041	62.077	11.33	8.05			0.750	45.916	13.956	0.446	0.317
SSC-058GH-4			22.22	6.718	62.142	12.97	9.00			0.875	38.361	13.970	0.511	0.354
SSC-058GH-5			25.40	5.779	62.124	14.65	10.00			1.000	32.999	13.967	0.577	0.394
SSC-058GH-6			31.75	4.501	62.114	17.95	11.90			1.250	25.702	13.964	0.707	0.469
SSC-058GH-7	13.72	1.47	38.10	3.677	62.141	21.20	13.80	0.540	0.058	1.500	20.997	13.970	0.835	0.543
SSC-058GH-8			44.45	3.119	62.162	24.52	15.75			1.750	17.810	13.975	0.965	0.620
SSC-058GH-9			50.80	2.707	62.153	27.84	17.65			2.000	15.458	13.973	1.096	0.695
SSC-058GH-10			57.15	2.393	62.146	31.18	19.60			2.250	13.665	13.972	1.228	0.772
SSC-058GH-11			63.50	2.138	62.152	34.43	21.50			2.500	12.209	13.973	1.356	0.846
SSC-058GH-12			69.85	1.932	62.152	37.68	23.40			2.750	11.033	13.973	1.483	0.921
SSC-058GH-13			76.20	1.765	62.146	40.99	25.35			3.000	10.079	13.971	1.614	0.998
SSC-063GH-1			12.70	18.458	76.970	8.53	6.75			0.500	105.398	17.304	0.336	0.266
SSC-063GH-2			15.88	13.827	76.878	10.32	7.85			0.625	78.955	17.283	0.406	0.309
SSC-063GH-3			19.05	11.068	76.923	12.10	8.95			0.750	63.200	17.293	0.476	0.352
SSC-063GH-4			22.22	9.208	76.979	13.86	10.10			0.875	52.580	17.306	0.546	0.398
SSC-063GH-5			25.40	7.894	76.967	15.65	11.20			1.000	45.076	17.303	0.616	0.441
SSC-063GH-6			31.75	6.139	76.983	19.21	13.40			1.250	35.055	17.307	0.756	0.528
SSC-063GH-7	13.72	1.60	38.10	5.021	76.972	22.77	15.60	0.540	0.063	1.500	28.671	17.304	0.896	0.614
SSC-063GH-8			44.45	4.256	76.991	26.36	17.80			1.750	24.303	17.309	1.038	0.701
SSC-063GH-9			50.80	3.677	76.960	29.87	20.00			2.000	20.997	17.302	1.176	0.787
SSC-063GH-10			57.15	3.257	76.963	33.52	22.25			2.250	18.598	17.302	1.320	0.876
SSC-063GH-11			63.50	2.903	76.988	36.98	24.45			2.500	16.577	17.308	1.456	0.963
SSC-063GH-12			69.85	2.628	76.974	40.56	26.65			2.750	15.007	17.305	1.597	1.049
SSC-063GH-13			76.20	2.403	76.992	44.16	28.85			3.000	13.722	17.309	1.739	1.136

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-067GH-1			12.70	23.992	91.889	8.87	7.20			0.500	136.998	20.658	0.349	0.283
SSC-067GH-2			15.88	17.863	91.816	10.74	8.45			0.625	102.001	20.642	0.423	0.333
SSC-067GH-3			19.05	14.220	91.861	12.59	9.65			0.750	81.199	20.652	0.496	0.380
SSC-067GH-4			22.22	11.821	91.849	14.45	10.85			0.875	67.500	20.649	0.569	0.427
SSC-067GH-5			25.40	10.101	91.919	16.30	12.10			1.000	57.679	20.665	0.642	0.476
SSC-067GH-6			31.75	7.649	91.941	19.73	14.50			1.250	43.677	20.670	0.777	0.571
SSC-067GH-7	13.72	1.70	38.10	6.404	91.897	23.75	16.95	0.540	0.067	1.500	36.568	20.660	0.935	0.667
SSC-067GH-8			44.45	5.429	91.913	27.52	19.35			1.750	31.001	20.663	1.083	0.762
SSC-067GH-9			50.80	4.688	91.932	31.19	21.80			2.000	26.770	20.668	1.228	0.858
SSC-067GH-10			57.15	4.138	91.905	34.94	24.25			2.250	23.629	20.662	1.376	0.955
SSC-067GH-11			63.50	3.697	91.944	38.63	26.65			2.500	21.111	20.670	1.521	1.049
SSC-067GH-12			69.85	3.344	91.927	42.36	29.10			2.750	19.095	20.666	1.668	1.146
SSC-067GH-13			76.20	3.065	91.950	46.20	31.55			3.000	17.502	20.672	1.819	1.242
SSC-071GH-1			12.70	26.821	105.407	8.77	7.74			0.500	153.152	23.697	0.345	0.305
SSC-071GH-2			15.88	19.780	105.427	10.55	9.21			0.625	112.947	23.702	0.415	0.363
SSC-071GH-3			19.05	15.877	105.423	12.41	10.59			0.750	90.660	23.701	0.489	0.417
SSC-071GH-4			22.22	13.062	105.541	14.14	12.09			0.875	74.586	23.727	0.557	0.476
SSC-071GH-5			25.40	11.170	105.445	15.96	13.53			1.000	63.783	23.705	0.628	0.533
SSC-071GH-6			31.75	8.630	105.545	19.52	16.45			1.250	49.279	23.728	0.769	0.648
SSC-071GH-7	13.72	1.80	38.10	7.061	105.491	23.16	19.31	0.540	0.071	1.500	40.320	23.716	0.912	0.760
SSC-071GH-8			41.28	6.463	105.541	24.95	20.76			1.625	36.905	23.727	0.982	0.817
SSC-071GH-9			44.45	5.943	105.548	26.69	22.26			1.750	33.936	23.729	1.051	0.876
SSC-071GH-10			50.80	5.158	105.533	30.34	25.10			2.000	29.453	23.725	1.194	0.988
SSC-071GH-11			57.15	4.550	105.515	33.96	27.98			2.250	25.982	23.721	1.337	1.102
SSC-071GH-12			63.50	4.060	105.519	37.51	30.92			2.500	23.184	23.722	1.477	1.217
SSC-071GH-13			76.20	3.354	105.550	44.73	36.67			3.000	19.152	23.729	1.761	1.444
SSC-138125-1			27.00	3.628	38.167	16.48	6.78			1.063	20.717	8.581	0.649	0.267
SSC-138125-2			41.50	2.309	38.191	24.96	9.22			1.634	13.185	8.586	0.983	0.363
SSC-138125-3	13.75	1.25	62.50	1.488	38.167	36.85	12.92	0.541	0.049	2.461	8.497	8.581	1.451	0.509
SSC-138125-4			90.50	1.018	38.134	53.04	17.71			3.563	5.813	8.573	2.088	0.697
SSC-138125-5			130.00	0.689	38.157	74.62	24.99			5.118	3.935	8.578	2.938	0.984
SSC-WR1415-1		0.70	15.00		2.969	4.90	4.60		0.028	0.591		0.668	0.193	0.181
SSC-WR1420-2		0.75	20.00		4.145	5.90	5.60		0.030	0.787		0.932	0.232	0.220
SSC-WR1425-3		0.80	25.00		5.145	7.50	7.20		0.031	0.984		1.157	0.295	0.283
SSC-WR1430-4		0.80	30.00		6.615	7.50	7.20		0.031	1.181		1.488	0.295	0.283
SSC-WR1435-5		0.80	35.00		8.085	7.50	7.20		0.031	1.378		1.818	0.295	0.283
SSC-WR1440-6		0.90	40.00		8.350	11.60	11.30		0.035	1.575		1.878	0.457	0.445
SSC-WR1445-7	14.00	0.90	45.00	0.294	9.820	11.60	11.30	0.551	0.035	1.772	1.679	2.208	0.457	0.445
SSC-WR1450-8		0.90	50.00		11.290	11.60	11.30		0.035	1.969		2.539	0.457	0.445
SSC-WR1455-9		1.00	55.00		10.790	18.30	18.00		0.039	2.165		2.426	0.720	0.709
SSC-WR1460-10		1.00	60.00		12.260	18.30	18.00		0.039	2.362		2.757	0.720	0.709
SSC-WR1465-11		1.00	65.00		13.730	18.30	18.00		0.039	2.559		3.087	0.720	0.709
SSC-WR1470-12		1.00	70.00		15.200	18.30	18.00		0.039	2.756		3.418	0.720	0.709
SSC-WR1480-13		1.10	80.00		15.023	28.90	28.60		0.043	3.150		3.378	1.138	1.126

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



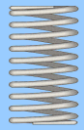
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WF1415-1		0.80	15.00		4.655	5.50	5.20		0.031	0.591		1.047	0.217	0.205
SSC-WF1420-2		0.90	20.00		5.782	8.20	7.90		0.035	0.787		1.300	0.323	0.311
SSC-WF1425-3		0.90	25.00		8.232	8.20	7.90		0.035	0.984		1.851	0.323	0.311
SSC-WF1430-4		1.00	30.00		8.673	12.30	12.00		0.039	1.181		1.950	0.484	0.472
SSC-WF1435-5		1.00	35.00		11.123	12.30	12.00		0.039	1.378		2.501	0.484	0.472
SSC-WF1440-6		1.00	40.00		13.573	12.30	12.00		0.039	1.575		3.052	0.484	0.472
SSC-WF1445-7	14.00	1.00	45.00	0.490	16.023	12.30	12.00	0.551	0.039	1.772	2.798	3.603	0.484	0.472
SSC-WF1450-8		1.10	50.00		15.435	18.50	18.20		0.043	1.969		3.470	0.728	0.717
SSC-WF1455-9		1.10	55.00		17.885	18.50	18.20		0.043	2.165		4.021	0.728	0.717
SSC-WF1460-10		1.10	60.00		20.335	18.50	18.20		0.043	2.362		4.572	0.728	0.717
SSC-WF1465-11		1.20	65.00		18.179	27.90	27.60		0.047	2.559		4.087	1.098	1.087
SSC-WF1470-12		1.20	70.00		20.629	27.90	27.60		0.047	2.756		4.638	1.098	1.087
SSC-WF1480-13		1.20	80.00		25.529	27.90	27.60		0.047	3.150		5.740	1.098	1.087
SSC-WF1490-14		1.30	90.00		24.485	40.03	39.70		0.051	3.543		5.505	1.576	1.563
SSC-WL1415-1		1.00	15.00		7.063	7.80	7.50		0.039	0.591		1.588	0.307	0.295
SSC-WL1420-2		1.00	20.00		11.968	7.80	7.50		0.039	0.787		2.691	0.307	0.295
SSC-WL1425-3		1.00	25.00		16.873	7.80	7.50		0.039	0.984		3.794	0.307	0.295
SSC-WL1430-4		1.10	30.00		18.345	11.30	11.00		0.043	1.181		4.125	0.445	0.433
SSC-WL1435-5		1.10	35.00		23.250	11.30	11.00		0.043	1.378		5.227	0.445	0.433
SSC-WL1440-6		1.10	40.00		26.458	13.03	11.00		0.043	1.575		5.948	0.513	0.433
SSC-WL1445-7	14.00	1.20	45.00	0.981	28.547	15.90	15.60	0.551	0.047	1.772	5.602	6.418	0.626	0.614
SSC-WL1450-8		1.20	50.00		33.452	15.90	15.60		0.047	1.969		7.521	0.626	0.614
SSC-WL1455-9		1.20	55.00		34.237	20.10	15.60		0.047	2.165		7.697	0.791	0.614
SSC-WL1460-10		1.20	60.00		34.237	25.10	15.60		0.047	2.362		7.697	0.988	0.614
SSC-WL1465-11		1.30	65.00		41.761	22.43	22.10		0.051	2.559		9.389	0.883	0.870
SSC-WL1470-12		1.30	70.00		42.193	26.99	22.10		0.051	2.756		9.486	1.063	0.870
SSC-WL1480-13		1.30	80.00		42.193	36.99	22.10		0.051	3.150		9.486	1.456	0.870
SSC-WL1490-14		1.50	90.00		45.244	43.88	43.50		0.059	3.543		10.172	1.728	1.713
SSC-WM1415-1		1.20	15.00		21.182	7.80	7.50		0.047	0.591		4.762	0.307	0.295
SSC-WM1420-2		1.30	20.00		29.038	10.13	9.80		0.051	0.787		6.528	0.399	0.386
SSC-WM1425-3		1.40	25.00		33.392	13.65	13.30		0.055	0.984		7.507	0.537	0.524
SSC-WM1430-4		1.40	30.00		48.102	13.65	13.30		0.055	1.181		10.814	0.537	0.524
SSC-WM1435-5		1.40	35.00		52.456	17.17	13.30		0.055	1.378		11.793	0.676	0.524
SSC-WM1440-6		1.40	40.00		52.456	22.17	13.30		0.055	1.575		11.793	0.873	0.524
SSC-WM1445-7	14.00	1.50	45.00	2.942	64.283	23.15	17.30	0.551	0.059	1.772	16.800	14.452	0.911	0.681
SSC-WM1450-8		1.50	50.00		64.283	28.15	17.30		0.059	1.969		14.452	1.108	0.681
SSC-WM1455-9		1.50	55.00		64.283	33.15	17.30		0.059	2.165		14.452	1.305	0.681
SSC-WM1460-10		1.60	60.00		75.521	34.33	23.20		0.063	2.362		16.978	1.352	0.913
SSC-WM1465-11		1.60	65.00		75.521	39.33	23.20		0.063	2.559		16.978	1.548	0.913
SSC-WM1470-12		1.70	70.00		90.202	39.34	30.60		0.067	2.756		20.279	1.549	1.205
SSC-WM1480-13		1.70	80.00		90.202	49.34	30.60		0.067	3.150		20.279	1.943	1.205

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WH1415-1		1.60	15.0		41.189	10.80	10.40		0.063	0.591		9.260	0.425	0.409
SSC-WH1420-2		1.60	20.0		75.514	12.30	10.40		0.063	0.787		16.977	0.484	0.409
SSC-WH1425-3		1.60	25.0		75.514	17.30	10.40		0.063	0.984		16.977	0.681	0.409
SSC-WH1430-4		1.70	30.0		90.224	20.80	12.80		0.067	1.181		20.284	0.819	0.504
SSC-WH1435-5		1.70	35.0		90.224	25.80	12.80		0.067	1.378		20.284	1.016	0.504
SSC-WH1440-6		1.90	40.0		121.215	27.64	20.00		0.075	1.575		27.251	1.088	0.787
SSC-WH1445-7	14.00	1.90	45.0	9.807	121.215	32.64	20.00	0.551	0.075	1.772	56.000	27.251	1.285	0.787
SSC-WH1450-8		2.10	50.0		157.304	33.96	30.50		0.083	1.969		35.364	1.337	1.201
SSC-WH1455-9		2.10	55.0		157.304	38.96	30.50		0.083	2.165		35.364	1.534	1.201
SSC-WH1460-10		2.10	60.0		157.304	43.96	30.50		0.083	2.362		35.364	1.731	1.201
SSC-WH1465-11		2.20	65.0		179.958	46.65	37.40		0.087	2.559		40.457	1.837	1.472
SSC-WH1470-12		2.20	70.0		179.958	51.65	37.40		0.087	2.756		40.457	2.033	1.472
SSC-WH1480-13		2.30	80.0		204.574	59.14	47.20		0.091	3.150		45.991	2.328	1.858
SSC-140080-1			38.30	0.520	10.878	17.38	4.40			1.508	2.970	2.446	0.684	0.173
SSC-140080-2			58.50	0.329	10.804	25.66	6.00			2.303	1.879	2.429	1.010	0.236
SSC-140080-3	14.00	0.80	65.00	0.295	10.868	28.16	6.41	0.551	0.031	2.559	1.685	2.444	1.109	0.252
SSC-140080-4			99.10	0.190	10.781	42.36	9.20			3.902	1.085	2.424	1.668	0.362
SSC-140080-5			160.60	0.118	10.930	67.97	14.00			6.323	0.674	2.458	2.676	0.551
SSC-140110-1			27.00	1.984	26.427	13.68	6.05			1.063	11.329	5.941	0.539	0.238
SSC-140110-2			42.30	1.265	26.489	21.36	8.25			1.665	7.224	5.955	0.841	0.325
SSC-140110-3	14.00	1.10	65.40	0.815	26.390	33.02	11.55	0.551	0.043	2.575	4.654	5.933	1.300	0.455
SSC-140110-4			96.20	0.555	26.407	48.62	15.95			3.787	3.170	5.937	1.914	0.628
SSC-140110-5			142.00	0.375	26.385	71.64	22.55			5.591	2.142	5.932	2.820	0.888
SSC-140150-1			20.50	7.546	64.292	11.98	8.25			0.807	43.089	14.454	0.472	0.325
SSC-140150-2			28.00	4.400	64.240	13.40	12.00			1.102	25.125	14.442	0.528	0.472
SSC-140150-3			30.40	4.802	64.299	17.01	11.25			1.197	27.421	14.455	0.670	0.443
SSC-140150-4			35.00	5.282	64.282	22.83	10.50			1.378	30.161	14.452	0.899	0.413
SSC-140150-5	14.00	1.50	40.60	3.520	64.240	22.35	14.25	0.551	0.059	1.598	20.100	14.442	0.880	0.561
SSC-140150-6			45.60	3.105	64.242	24.91	15.75			1.795	17.731	14.443	0.981	0.620
SSC-140150-7			62.00	2.779	64.250	38.88	17.25			2.441	15.869	14.445	1.531	0.679
SSC-140150-8			65.70	2.111	64.238	35.27	21.75			2.587	12.055	14.442	1.389	0.856
SSC-140150-9			95.80	1.428	64.331	50.75	30.75			3.772	8.155	14.463	1.998	1.211
SSC-140200-1			19.60	26.950	140.679	14.38	11.00			0.772	153.889	31.626	0.566	0.433
SSC-140200-2			28.50	17.150	140.630	20.30	15.00			1.122	97.929	31.615	0.799	0.591
SSC-140200-3			39.00	11.098	140.723	26.32	21.00			1.535	63.372	31.636	1.036	0.827
SSC-140200-4	14.00	2.00	46.40	9.928	140.680	32.23	23.00	0.551	0.079	1.827	56.691	31.627	1.269	0.906
SSC-140200-5			50.00	8.985	140.705	34.34	25.00			1.969	51.306	31.632	1.352	0.984
SSC-140200-6			60.00	6.985	140.678	39.86	31.00			2.362	39.886	31.626	1.569	1.220
SSC-140200-7			73.10	6.085	140.746	49.97	35.00			2.878	34.747	31.641	1.967	1.378
SSC-141160-1			24.00	9.760	74.957	16.32	8.66			0.945	55.732	16.851	0.643	0.341
SSC-141160-2			36.00	6.230	75.009	23.96	11.76			1.417	35.575	16.863	0.943	0.463
SSC-141160-3	14.10	1.60	53.50	4.040	75.023	34.93	16.40	0.555	0.063	2.106	23.069	16.866	1.375	0.646
SSC-141160-4			78.00	2.730	75.020	50.52	22.73			3.071	15.589	16.866	1.989	0.895
SSC-141160-5			115.00	1.840	75.035	74.22	32.18			4.528	10.507	16.869	2.922	1.267

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

Singapore Spring Pte Ltd
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-145150-1			32.30	4.270	62.214	17.73	11.25			1.272	24.383	13.987	0.698	0.443
SSC-145150-2			50.00	2.763	62.223	27.48	15.75			1.969	15.778	13.989	1.082	0.620
SSC-145150-3	14.50	1.50	65.00	2.060	62.212	34.80	19.67	0.571	0.059	2.559	11.763	13.986	1.370	0.774
SSC-145150-4			73.50	1.880	62.266	40.38	21.75			2.894	10.736	13.998	1.590	0.856
SSC-145150-5			97.00	1.425	62.287	53.29	27.75			3.819	8.137	14.003	2.098	1.093
SSC-145200-1			22.5	23.932	136.173	16.81	10.80			0.886	136.656	30.613	0.662	0.425
SSC-145200-2			33.0	15.198	136.326	24.03	14.71			1.299	86.783	30.648	0.946	0.579
SSC-145200-3	14.50	2.00	49.5	9.808	136.331	35.60	20.59	0.571	0.079	1.949	56.006	30.649	1.402	0.811
SSC-145200-4			71.0	6.688	136.301	50.62	28.32			2.795	38.190	30.642	1.993	1.115
SSC-145200-5			105.0	4.518	136.263	74.84	40.00			4.134	25.799	30.634	2.946	1.575
SSC-150140-1			25.80	4.447	49.139	14.75	7.70			1.016	25.394	11.047	0.581	0.303
SSC-150140-2			39.00	2.828	49.122	21.63	10.50			1.535	16.149	11.044	0.852	0.413
SSC-150140-3	15.00	1.40	65.30	1.639	49.186	35.29	16.10	0.591	0.055	2.571	9.359	11.058	1.389	0.634
SSC-150140-4			79.00	1.246	49.192	39.52	20.30			3.110	7.115	11.059	1.556	0.799
SSC-150140-5			93.00	1.072	49.108	47.19	23.10			3.661	6.122	11.040	1.858	0.909
SSC-150140-6			105.00	1.003	49.107	56.04	24.50			4.134	5.728	11.040	2.206	0.965
SSC-150220-1			20.00	32.462	169.127	14.79	11.92			0.787	185.363	38.022	0.582	0.469
SSC-150220-2			30.20	20.688	169.228	22.02	16.20			1.189	118.132	38.044	0.867	0.638
SSC-150220-3	15.00	2.20	48.90	11.958	169.206	34.75	24.81	0.591	0.087	1.925	68.282	38.039	1.368	0.977
SSC-150220-4			53.00	10.840	169.321	37.38	27.50			2.087	61.898	38.065	1.472	1.083
SSC-150220-5			68.00	8.430	169.274	47.92	34.10			2.677	48.137	38.055	1.887	1.343
SSC-150220-6			77.00	7.343	169.256	53.95	38.50			3.031	41.930	38.051	2.124	1.516
SSC-150250-1			22.00	58.355	244.507	17.81	13.51			0.866	333.216	54.968	0.701	0.532
SSC-150250-2			32.00	37.168	244.565	25.42	18.36			1.260	212.235	54.981	1.001	0.723
SSC-150250-3	15.00	2.50	47.50	24.028	244.605	37.32	25.67	0.591	0.098	1.870	137.204	54.990	1.469	1.011
SSC-150250-4			67.50	16.278	244.658	52.47	35.50			2.657	92.950	55.002	2.066	1.398
SSC-150250-5			98.00	10.978	244.700	75.71	50.23			3.858	62.686	55.011	2.981	1.978
SSC-045H-0			12.70	3.801	27.291	5.52	4.30			0.500	21.705	6.136	0.217	0.169
SSC-045H-1			15.88	3.152	27.296	7.22	4.60			0.625	17.999	6.137	0.284	0.181
SSC-045H-2			19.05	2.627	27.295	8.66	5.20			0.750	15.001	6.137	0.341	0.205
SSC-045H-3			22.22	2.102	27.305	9.23	5.75			0.875	12.003	6.139	0.363	0.226
SSC-045H-4			25.40	1.838	27.294	10.55	6.30			1.000	10.496	6.137	0.415	0.248
SSC-045H-5			31.75	1.401	27.305	12.26	7.45			1.250	8.000	6.139	0.483	0.293
SSC-045H-6			38.10	1.138	27.323	14.09	8.90			1.500	6.499	6.143	0.555	0.350
SSC-045H-7	15.24	1.14	44.45	0.963	27.311	16.09	9.85	0.600	0.045	1.750	5.499	6.140	0.633	0.388
SSC-045H-8			50.80	0.832	27.315	17.97	11.25			2.000	4.751	6.141	0.707	0.443
SSC-045H-9			57.15	0.735	27.298	20.01	12.35			2.250	4.197	6.137	0.788	0.486
SSC-045H-10			63.50	0.657	27.311	21.93	13.50			2.500	3.752	6.140	0.863	0.531
SSC-045H-11			69.85	0.595	27.293	23.98	14.65			2.750	3.398	6.136	0.944	0.577
SSC-045H-12			76.20	0.543	27.318	25.89	15.80			3.000	3.101	6.142	1.019	0.622
SSC-045H-13			82.55	0.500	27.305	27.94	16.95			3.250	2.856	6.139	1.100	0.667
SSC-045H-14			88.90	0.464	27.311	30.04	18.05			3.500	2.650	6.140	1.183	0.711

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



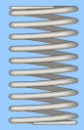
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-049H-1			15.88	4.904	35.603	8.62	5.10			0.625	28.003	8.004	0.339	0.201
SSC-049H-2			19.05	4.021	35.586	10.20	5.60			0.750	22.961	8.001	0.402	0.220
SSC-049H-3			22.22	3.324	35.567	11.52	6.20			0.875	18.981	7.996	0.454	0.244
SSC-049H-4			25.40	2.795	35.580	12.67	6.85			1.000	15.960	7.999	0.499	0.270
SSC-049H-5			31.75	2.275	35.581	16.11	7.70			1.250	12.991	7.999	0.634	0.303
SSC-049H-6	15.24	1.25	38.10	1.746	35.601	17.71	9.35	0.600	0.049	1.500	9.970	8.004	0.697	0.368
SSC-049H-7			44.45	1.491	35.605	20.57	10.60			1.750	8.514	8.005	0.810	0.417
SSC-049H-8			50.80	1.314	35.596	23.71	11.45			2.000	7.504	8.003	0.933	0.451
SSC-049H-9			57.15	1.138	35.608	25.86	12.70			2.250	6.499	8.005	1.018	0.500
SSC-049H-10			63.50	1.007	35.597	28.15	13.95			2.500	5.751	8.003	1.108	0.549
SSC-049H-11			69.85	0.890	35.618	29.83	15.40			2.750	5.083	8.008	1.174	0.606
SSC-049H-12			76.20	0.813	35.618	32.39	16.60			3.000	4.643	8.008	1.275	0.654
SSC-055H-1			15.88	7.005	48.405	8.97	5.80			0.625	40.000	10.882	0.353	0.228
SSC-055H-2			19.05	5.779	48.370	10.68	6.30			0.750	32.999	10.875	0.420	0.248
SSC-055H-3			22.22	4.728	48.415	11.98	7.35			0.875	26.998	10.885	0.472	0.289
SSC-055H-4			25.40	4.197	48.391	13.87	8.05			1.000	23.966	10.879	0.546	0.317
SSC-055H-5			31.75	3.324	48.397	17.19	9.10			1.250	18.981	10.881	0.677	0.358
SSC-055H-6	15.24	1.40	38.10	2.618	48.407	19.61	10.85	0.600	0.055	1.500	14.950	10.883	0.772	0.427
SSC-055H-7			44.45	2.233	48.411	22.77	12.15			1.750	12.751	10.884	0.896	0.478
SSC-055H-8			50.80	1.922	48.415	25.61	13.75			2.000	10.975	10.885	1.008	0.541
SSC-055H-9			57.15	1.707	48.393	28.80	15.20			2.250	9.748	10.880	1.134	0.598
SSC-055H-10			63.50	1.559	48.407	32.45	16.70			2.500	8.903	10.883	1.278	0.657
SSC-055H-11			69.85	1.353	48.397	34.08	18.40			2.750	7.726	10.881	1.342	0.724
SSC-055H-12			76.20	1.240	48.422	37.15	19.80			3.000	7.081	10.886	1.463	0.780
SSC-059H-1			15.88	9.282	59.312	9.49	6.55			0.625	53.002	13.334	0.374	0.258
SSC-059H-2			19.05	7.355	59.281	10.99	7.30			0.750	41.999	13.327	0.433	0.287
SSC-059H-3			22.22	6.129	59.329	12.54	8.05			0.875	34.998	13.338	0.494	0.317
SSC-059H-4			25.40	5.247	59.344	14.09	8.95			1.000	29.962	13.341	0.555	0.352
SSC-059H-5			31.75	4.197	59.304	17.62	10.80			1.250	23.966	13.332	0.694	0.425
SSC-059H-6	15.24	1.50	38.10	3.324	59.333	20.25	12.25	0.600	0.059	1.500	18.981	13.339	0.797	0.482
SSC-059H-7			44.45	2.795	59.338	23.22	14.10			1.750	15.960	13.340	0.914	0.555
SSC-059H-8			50.80	2.452	59.338	26.60	15.60			2.000	14.002	13.340	1.047	0.614
SSC-059H-9			57.15	2.187	59.333	30.02	17.90			2.250	12.489	13.339	1.182	0.705
SSC-059H-10			63.50	1.970	59.336	33.38	19.75			2.500	11.249	13.340	1.314	0.778
SSC-059H-11			69.85	1.628	59.341	33.40	21.75			2.750	9.297	13.341	1.315	0.856
SSC-059H-12			76.20	1.489	59.352	36.34	23.45			3.000	8.503	13.343	1.431	0.923

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-063H-1			15.88	11.209	69.720	9.66	7.25			0.625	64.006	15.674	0.380	0.285
SSC-063H-2			19.05	9.282	69.708	11.54	8.05			0.750	53.002	15.671	0.454	0.317
SSC-063H-3			22.22	7.881	69.747	13.37	8.80			0.875	45.002	15.680	0.526	0.346
SSC-063H-4			25.40	6.649	69.748	14.91	9.65			1.000	37.967	15.680	0.587	0.380
SSC-063H-5			31.75	5.247	69.733	18.46	11.60			1.250	29.962	15.677	0.727	0.457
SSC-063H-6			38.10	4.197	69.754	21.48	14.00			1.500	23.966	15.682	0.846	0.551
SSC-063H-7	15.24	1.60	44.45	3.501	69.740	24.53	15.70	0.600	0.063	1.750	19.992	15.679	0.966	0.618
SSC-063H-8			50.80	3.060	69.768	28.00	17.60			2.000	17.474	15.685	1.102	0.693
SSC-063H-9			57.15	2.707	69.759	31.38	19.35			2.250	15.458	15.683	1.235	0.762
SSC-063H-10			63.50	2.452	69.759	35.05	21.40			2.500	14.002	15.683	1.380	0.843
SSC-063H-11			69.85	2.131	69.748	37.12	23.55			2.750	12.169	15.680	1.461	0.927
SSC-063H-12			76.20	1.946	69.764	40.35	25.45			3.000	11.112	15.684	1.589	1.002
SSC-063H-13			82.55	1.786	69.743	43.50	27.35			3.250	10.199	15.679	1.713	1.077
SSC-063H-14			88.90	1.664	69.772	46.97	29.30			3.500	9.502	15.686	1.849	1.154
SSC-067H-1			15.88	14.010	83.500	9.92	7.65			0.625	80.000	18.772	0.391	0.301
SSC-067H-2			19.05	11.033	83.630	11.47	9.15			0.750	63.001	18.801	0.452	0.360
SSC-067H-3			22.22	8.756	83.620	12.67	10.25			0.875	49.999	18.799	0.499	0.404
SSC-067H-4			25.40	7.881	83.617	14.79	11.05			1.000	45.002	18.798	0.582	0.435
SSC-067H-5			31.75	5.954	83.594	17.71	13.65			1.250	33.999	18.793	0.697	0.537
SSC-067H-6	15.24	1.70	38.10	5.070	83.604	21.61	15.35	0.600	0.067	1.500	28.951	18.795	0.851	0.604
SSC-067H-7			44.45	4.197	83.604	24.53	17.90			1.750	23.966	18.795	0.966	0.705
SSC-067H-8			50.80	3.413	83.619	26.30	21.40			2.000	19.489	18.799	1.035	0.843
SSC-067H-9			57.15	2.971	83.604	29.01	24.00			2.250	16.965	18.795	1.142	0.945
SSC-067H-10			63.50	2.618	83.593	31.57	26.85			2.500	14.950	18.793	1.243	1.057
SSC-067H-11			69.85	2.344	83.634	34.17	29.05			2.750	13.385	18.802	1.345	1.144
SSC-067H-12			76.20	2.138	83.617	37.09	31.50			3.000	12.209	18.798	1.460	1.240
SSC-072H-0			15.88	18.034	100.449	10.31	8.80			0.625	102.977	22.582	0.406	0.346
SSC-072H-1			19.05	13.660	100.401	11.70	10.10			0.750	78.001	22.572	0.461	0.398
SSC-072H-2			22.22	11.909	100.512	13.78	10.95			0.875	68.003	22.596	0.543	0.431
SSC-072H-3			25.40	9.632	100.462	14.97	12.85			1.000	55.001	22.585	0.589	0.506
SSC-072H-4			31.75	7.881	100.483	19.00	15.15			1.250	45.002	22.590	0.748	0.596
SSC-072H-5	15.24	1.83	38.10	6.296	100.484	22.14	17.40	0.600	0.072	1.500	35.952	22.590	0.872	0.685
SSC-072H-6			44.45	5.247	100.480	25.30	20.20			1.750	29.962	22.589	0.996	0.795
SSC-072H-7			50.80	4.550	100.510	28.71	23.85			2.000	25.982	22.596	1.130	0.939
SSC-072H-8			57.15	4.115	100.488	32.73	25.25			2.250	23.498	22.591	1.289	0.994
SSC-072H-9			63.50	3.678	100.520	36.17	27.55			2.500	21.002	22.598	1.424	1.085
SSC-072H-10			69.85	3.324	100.485	39.62	29.95			2.750	18.981	22.590	1.560	1.179
SSC-072H-11			76.20	2.971	100.479	42.38	32.50			3.000	16.965	22.589	1.669	1.280

Spring rates and loads are for music wire.
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Singapore Spring Pte Ltd
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-080H-1			15.88	33.870	132.430	11.97	8.90			0.625	193.400	29.772	0.471	0.350
SSC-080H-2			19.05	26.704	132.452	14.09	10.20			0.750	152.484	29.777	0.555	0.402
SSC-080H-3			22.22	22.036	132.436	16.21	11.45			0.875	125.829	29.773	0.638	0.451
SSC-080H-4			25.40	18.750	132.375	18.34	12.75			1.000	107.066	29.760	0.722	0.502
SSC-080H-5			31.75	14.455	132.408	22.59	15.25			1.250	82.541	29.767	0.889	0.600
SSC-080H-6	15.24	2.03	38.10	11.758	132.395	26.84	17.80	0.600	0.080	1.500	67.140	29.764	1.057	0.701
SSC-080H-7			44.45	9.905	132.430	31.08	20.35			1.750	56.559	29.772	1.224	0.801
SSC-080H-8			50.80	8.561	132.439	35.33	22.90			2.000	48.885	29.774	1.391	0.902
SSC-080H-9			57.15	7.530	132.453	39.56	25.45			2.250	42.998	29.777	1.557	1.002
SSC-080H-10			63.50	6.727	132.455	43.81	28.00			2.500	38.413	29.777	1.725	1.102
SSC-080H-11			69.85	6.080	132.422	48.07	30.50			2.750	34.718	29.770	1.893	1.201
SSC-080H-12			76.20	5.551	132.447	52.34	33.05			3.000	31.698	29.776	2.061	1.301
SSC-085H-1			15.88	43.904	157.615	12.29	9.55			0.625	250.699	35.434	0.484	0.376
SSC-085H-2			19.05	34.430	157.689	14.47	10.90			0.750	196.601	35.450	0.570	0.429
SSC-085H-3			22.22	28.336	157.832	16.65	12.30			0.875	161.803	35.482	0.656	0.484
SSC-085H-4			25.40	24.062	157.847	18.84	13.70			1.000	137.398	35.486	0.742	0.539
SSC-085H-5			31.75	18.493	157.930	23.21	16.50			1.250	105.598	35.505	0.914	0.650
SSC-085H-6	15.24	2.16	38.10	15.026	157.923	27.59	19.30	0.600	0.085	1.500	85.801	35.503	1.086	0.760
SSC-085H-7			44.45	12.644	157.924	31.96	22.10			1.750	72.200	35.503	1.258	0.870
SSC-085H-8			50.80	10.910	157.977	36.32	24.90			2.000	62.298	35.515	1.430	0.980
SSC-085H-9			57.15	9.597	157.967	40.69	27.70			2.250	54.801	35.513	1.602	1.091
SSC-085H-10			63.50	8.581	157.976	45.09	30.50			2.500	48.999	35.515	1.775	1.201
SSC-085H-11			69.85	7.741	157.994	49.44	33.25			2.750	44.203	35.519	1.946	1.309
SSC-085H-12			76.20	7.058	157.958	53.82	36.05			3.000	40.303	35.511	2.119	1.419
SSC-092H-1			15.88	65.427	198.244	12.85	10.10			0.625	373.598	44.567	0.506	0.398
SSC-092H-2			19.05	50.962	198.242	15.16	11.60			0.750	291.001	44.567	0.597	0.457
SSC-092H-3			22.22	41.750	198.730	17.46	13.10			0.875	238.399	44.677	0.687	0.516
SSC-092H-4			25.40	35.358	198.712	19.78	14.60			1.000	201.900	44.673	0.779	0.575
SSC-092H-5			31.75	27.057	198.598	24.41	17.60			1.250	154.500	44.647	0.961	0.693
SSC-092H-6	15.24	2.34	38.10	21.926	198.650	29.04	20.55	0.600	0.092	1.500	125.201	44.659	1.143	0.809
SSC-092H-7			44.45	18.423	198.600	33.67	23.55			1.750	105.199	44.648	1.326	0.927
SSC-092H-8			50.80	15.884	198.709	38.29	26.55			2.000	90.700	44.672	1.507	1.045
SSC-092H-9			57.15	13.975	198.725	42.93	29.55			2.250	79.800	44.676	1.690	1.163
SSC-092H-10			63.50	12.452	198.734	47.54	32.55			2.500	71.103	44.678	1.872	1.281
SSC-092H-11			69.85	11.243	198.664	52.18	35.55			2.750	64.200	44.662	2.054	1.400
SSC-092H-12			76.20	10.245	198.651	56.81	38.55			3.000	58.501	44.659	2.237	1.518

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WR1615-1		0.75	15.00		2.999	4.80	4.50		0.030	0.591		0.675	0.189	0.177
SSC-WR1620-2		0.80	20.00		4.145	5.90	5.60		0.031	0.787		0.932	0.232	0.220
SSC-WR1625-3		0.90	25.00		4.910	8.30	8.00		0.035	0.984		1.104	0.327	0.315
SSC-WR1630-4		0.90	30.00		6.380	8.30	8.00		0.035	1.181		1.435	0.327	0.315
SSC-WR1635-5		0.90	35.00		7.850	8.30	8.00		0.035	1.378		1.765	0.327	0.315
SSC-WR1640-6		1.00	40.00		7.850	13.30	13.00		0.039	1.575		1.765	0.524	0.512
SSC-WR1645-7	16.00	1.00	45.00	0.294	9.320	13.30	13.00	0.630	0.039	1.772	1.679	2.096	0.524	0.512
SSC-WR1650-8		1.00	50.00		10.790	13.30	13.00		0.039	1.969		2.426	0.524	0.512
SSC-WR1655-9		1.00	55.00		12.260	13.30	13.00		0.039	2.165		2.757	0.524	0.512
SSC-WR1660-10		1.10	60.00		11.672	20.30	20.00		0.043	2.362		2.624	0.799	0.787
SSC-WR1665-11		1.10	65.00		13.142	20.30	20.00		0.043	2.559		2.955	0.799	0.787
SSC-WR1670-12		1.10	70.00		14.612	20.30	20.00		0.043	2.756		3.285	0.799	0.787
SSC-WR1680-13		1.10	80.00		17.552	20.30	20.00		0.043	3.150		3.946	0.799	0.787
SSC-WF1615-1		0.90	15.00		4.116	6.60	6.30		0.035	0.591		0.926	0.260	0.248
SSC-WF1620-2		1.00	20.00		5.390	9.00	8.70		0.039	0.787		1.212	0.354	0.343
SSC-WF1625-3		1.00	25.00		7.840	9.00	8.70		0.039	0.984		1.763	0.354	0.343
SSC-WF1630-4		1.10	30.00		8.281	13.10	12.80		0.043	1.181		1.862	0.516	0.504
SSC-WF1635-5		1.10	35.00		10.731	13.10	12.80		0.043	1.378		2.413	0.516	0.504
SSC-WF1640-6		1.20	40.00		10.339	18.90	18.60		0.047	1.575		2.325	0.744	0.732
SSC-WF1645-7	16.00	1.20	45.00	0.490	12.789	18.90	18.60	0.630	0.047	1.772	2.798	2.876	0.744	0.732
SSC-WF1650-8		1.20	50.00		15.239	18.90	18.60		0.047	1.969		3.426	0.744	0.732
SSC-WF1655-9		1.20	55.00		17.689	18.90	18.60		0.047	2.165		3.977	0.744	0.732
SSC-WF1660-10		1.30	60.00		16.106	27.13	26.80		0.051	2.362		3.621	1.068	1.055
SSC-WF1665-11		1.30	65.00		18.556	27.13	26.80		0.051	2.559		4.172	1.068	1.055
SSC-WF1670-12		1.30	70.00		21.006	27.13	26.80		0.051	2.756		4.723	1.068	1.055
SSC-WF1680-13		1.40	80.00		20.164	38.85	38.50		0.055	3.150		4.533	1.530	1.516
SSC-WF1690-14		1.40	90.00		25.064	38.85	38.50		0.055	3.543		5.635	1.530	1.516
SSC-WL1615-1		1.10	15.00		6.377	8.50	8.20		0.043	0.591		1.434	0.335	0.323
SSC-WL1620-2		1.10	20.00		11.282	8.50	8.20		0.043	0.787		2.537	0.335	0.323
SSC-WL1625-3		1.20	25.00		13.832	10.90	10.60		0.047	0.984		3.110	0.429	0.417
SSC-WL1630-4		1.20	30.00		18.737	10.90	10.60		0.047	1.181		4.213	0.429	0.417
SSC-WL1635-5		1.20	35.00		23.642	10.90	10.60		0.047	1.378		5.315	0.429	0.417
SSC-WL1640-6		1.20	40.00		28.547	10.90	10.60		0.047	1.575		6.418	0.429	0.417
SSC-WL1645-7	16.00	1.40	45.00	0.981	23.201	21.35	21.00	0.630	0.055	1.772	5.602	5.216	0.841	0.827
SSC-WL1650-8		1.40	50.00		28.106	21.35	21.00		0.055	1.969		6.319	0.841	0.827
SSC-WL1655-9		1.40	55.00		33.011	21.35	21.00		0.055	2.165		7.422	0.841	0.827
SSC-WL1660-10		1.40	60.00		37.916	21.35	21.00		0.055	2.362		8.524	0.841	0.827
SSC-WL1665-11		1.50	65.00		34.257	30.08	29.70		0.059	2.559		7.702	1.184	1.169
SSC-WL1670-12		1.50	70.00		39.162	30.08	29.70		0.059	2.756		8.804	1.184	1.169
SSC-WL1680-13		1.50	80.00		48.972	30.08	29.70		0.059	3.150		11.010	1.184	1.169
SSC-WL1690-14		1.60	90.00		48.658	40.40	40.00		0.063	3.543		10.939	1.591	1.575

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WT1615-1		1.20	15.00		14.119	7.80	7.50		0.047	0.591		3.175	0.307	0.295
SSC-WT1620-2		1.30	20.00		20.081	9.76	9.43		0.051	0.787		4.515	0.384	0.371
SSC-WT1625-3		1.40	25.00		23.630	12.95	12.60		0.055	0.984		5.313	0.510	0.496
SSC-WT1630-4		1.40	30.00		33.435	12.95	12.60		0.055	1.181		7.517	0.510	0.496
SSC-WT1635-5		1.40	35.00		43.240	12.95	12.60		0.055	1.378		9.721	0.510	0.496
SSC-WT1640-6		1.40	40.00		46.201	16.44	12.60		0.055	1.575		10.387	0.647	0.496
SSC-WT1645-7	16.00	1.60	45.00	1.961	43.534	22.80	22.40	0.630	0.063	1.772	11.198	9.787	0.898	0.882
SSC-WT1650-8		1.60	50.00		53.339	22.80	22.40		0.063	1.969		11.992	0.898	0.882
SSC-WT1655-9		1.60	55.00		63.144	22.80	22.40		0.063	2.165		14.196	0.898	0.882
SSC-WT1660-10		1.70	60.00		60.144	29.33	28.90		0.067	2.362		13.521	1.155	1.138
SSC-WT1665-11		1.70	65.00		69.949	29.33	28.90		0.067	2.559		15.726	1.155	1.138
SSC-WT1670-12		1.70	70.00		79.636	29.39	28.90		0.067	2.756		17.903	1.157	1.138
SSC-WT1680-13		1.70	80.00		79.636	39.39	28.90		0.067	3.150		17.903	1.551	1.138
SSC-WM1615-1		1.30	15.00		20.212	8.13	7.80		0.051	0.591		4.544	0.320	0.307
SSC-WM1620-2		1.40	20.00		28.979	10.15	9.80		0.055	0.787		6.515	0.400	0.386
SSC-WM1625-3		1.50	25.00		35.657	12.88	12.50		0.059	0.984		8.017	0.507	0.492
SSC-WM1630-4		1.50	30.00		50.367	12.88	12.50		0.059	1.181		11.323	0.507	0.492
SSC-WM1635-5		1.60	35.00		57.663	15.40	15.00		0.063	1.378		12.964	0.606	0.591
SSC-WM1640-6		1.60	40.00		66.636	17.35	15.00		0.063	1.575		14.981	0.683	0.591
SSC-WM1645-7	16.00	1.70	45.00	2.942	71.108	20.83	20.40	0.630	0.067	1.772	16.800	15.986	0.820	0.803
SSC-WM1650-8		1.70	50.00		79.640	22.93	20.40		0.067	1.969		17.904	0.903	0.803
SSC-WM1655-9		1.80	55.00		81.052	27.45	27.00		0.071	2.165		18.222	1.081	1.063
SSC-WM1660-10		1.80	60.00		91.496	28.90	27.00		0.071	2.362		20.570	1.138	1.063
SSC-WM1665-11		1.80	65.00		91.496	33.90	27.00		0.071	2.559		20.570	1.335	1.063
SSC-WM1670-12		1.80	70.00		91.496	38.90	27.00		0.071	2.756		20.570	1.531	1.063
SSC-WM1680-13		1.80	80.00		91.496	48.90	27.00		0.071	3.150		20.570	1.925	1.063
SSC-WH1615-1		1.70	15.00		42.857	10.63	10.20		0.067	0.591		9.635	0.419	0.402
SSC-WH1620-2		1.80	20.00		68.159	13.05	12.60		0.071	0.787		15.323	0.514	0.496
SSC-WH1625-3		1.90	25.00		98.266	14.98	14.50		0.075	0.984		22.092	0.590	0.571
SSC-WH1630-4		1.90	30.00		107.191	19.07	14.50		0.075	1.181		24.098	0.751	0.571
SSC-WH1635-5		2.00	35.00		124.549	22.30	18.00		0.079	1.378		28.000	0.878	0.709
SSC-WH1640-6		2.10	40.00		139.456	25.78	21.00		0.083	1.575		31.351	1.015	0.827
SSC-WH1645-7	16.00	2.20	45.00	9.807	159.658	28.72	26.00	0.630	0.087	1.772	56.000	35.893	1.131	1.024
SSC-WH1650-8		2.20	50.00		159.658	33.72	26.00		0.087	1.969		35.893	1.328	1.024
SSC-WH1655-9		2.20	55.00		159.658	38.72	26.00		0.087	2.165		35.893	1.524	1.024
SSC-WH1660-10		2.30	60.00		181.626	41.48	32.00		0.091	2.362		40.832	1.633	1.260
SSC-WH1665-11		2.30	65.00		181.626	46.48	32.00		0.091	2.559		40.832	1.830	1.260
SSC-WH1670-12		2.40	70.00		205.555	49.04	38.00		0.094	2.756		46.211	1.931	1.496
SSC-WH1680-13		2.50	80.00		231.249	56.42	47.50		0.098	3.150		51.987	2.221	1.870

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



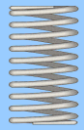
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WB1615-1		2.00	15.00		88.259	10.50	10.00		0.079	0.591		19.842	0.413	0.394
SSC-WB1620-2		2.10	20.00		139.448	12.89	12.50		0.083	0.787		31.350	0.507	0.492
SSC-WB1625-3		2.30	25.00		116.109	19.08	18.50		0.091	0.984		26.103	0.751	0.728
SSC-WB1630-4		2.30	30.00		181.616	20.74	18.50		0.091	1.181		40.829	0.817	0.728
SSC-WB1635-5		2.40	35.00		205.544	24.52	21.50		0.094	1.378		46.209	0.965	0.846
SSC-WB1640-6		2.40	40.00		205.544	29.52	21.50		0.094	1.575		46.209	1.162	0.846
SSC-WB1645-7	16.00	2.50	45.00	19.613	231.237	33.21	27.50	0.630	0.098	1.772	111.994	51.985	1.307	1.083
SSC-WB1650-8		2.50	50.00		231.237	38.21	27.50		0.098	1.969		51.985	1.504	1.083
SSC-WB1655-9		2.60	55.00		251.046	42.20	32.00		0.102	2.165		56.438	1.661	1.260
SSC-WB1660-10		2.60	60.00		251.046	47.20	32.00		0.102	2.362		56.438	1.858	1.260
SSC-WB1665-11		2.80	65.00		310.670	49.16	46.00		0.110	2.559		69.842	1.935	1.811
SSC-WB1670-12		2.80	70.00		310.670	54.16	46.00		0.110	2.756		69.842	2.132	1.811
SSC-WB1680-13		2.90	80.00		343.424	62.49	55.00		0.114	3.150		77.205	2.460	2.165
SSC-160180-1			40.00	5.748	91.508	24.08	15.30			1.575	32.822	20.572	0.948	0.602
SSC-160180-2			52.00	3.934	91.544	28.73	20.70			2.047	22.464	20.580	1.131	0.815
SSC-160180-3	16.00	1.80	64.00	3.250	91.553	35.83	24.30	0.630	0.071	2.520	18.558	20.582	1.411	0.957
SSC-160180-4			80.00	2.578	91.571	44.48	29.70			3.150	14.721	20.586	1.751	1.169
SSC-160180-5			93.00	2.266	91.592	52.58	33.30			3.661	12.940	20.591	2.070	1.311
SSC-049HJ-1			15.88	4.086	32.075	8.03	4.60			0.625	23.332	7.211	0.316	0.181
SSC-049HJ-2			19.05	3.187	32.061	8.99	5.35			0.750	18.199	7.208	0.354	0.211
SSC-049HJ-3			22.22	2.679	32.068	10.25	5.85			0.875	15.298	7.210	0.404	0.230
SSC-049HJ-4			25.40	2.312	32.067	11.53	6.35			1.000	13.202	7.210	0.454	0.250
SSC-049HJ-5			31.75	1.804	32.057	13.98	7.30			1.250	10.302	7.207	0.550	0.287
SSC-049HJ-6	16.76	1.24	38.10	1.489	32.088	16.55	8.30	0.660	0.049	1.500	8.503	7.214	0.652	0.327
SSC-049HJ-7			44.45	1.260	32.054	19.01	9.30			1.750	7.195	7.207	0.748	0.366
SSC-049HJ-8			50.80	1.095	32.094	21.49	10.30			2.000	6.253	7.216	0.846	0.406
SSC-049HJ-9			57.15	0.963	32.068	23.85	11.30			2.250	5.499	7.210	0.939	0.445
SSC-049HJ-10			63.50	0.867	32.079	26.50	12.30			2.500	4.951	7.212	1.043	0.484
SSC-049HJ-11			69.85	0.788	32.072	29.15	13.30			2.750	4.500	7.210	1.148	0.524
SSC-049HJ-12			76.20	0.718	32.080	31.52	14.30			3.000	4.100	7.212	1.241	0.563
SSC-055HJ-1			15.88	6.306	44.205	8.87	5.35			0.625	36.009	9.938	0.349	0.211
SSC-055HJ-2			19.05	5.061	44.183	10.32	6.05			0.750	28.900	9.933	0.406	0.238
SSC-055HJ-3			22.22	4.227	44.214	11.76	6.65			0.875	24.137	9.940	0.463	0.262
SSC-055HJ-4			25.40	3.638	44.202	13.25	7.20			1.000	20.774	9.937	0.522	0.283
SSC-055HJ-5			31.75	2.834	44.210	16.15	8.40			1.250	16.183	9.939	0.636	0.331
SSC-055HJ-6	16.76	1.40	38.10	2.324	44.202	19.08	9.55	0.660	0.055	1.500	13.271	9.938	0.751	0.376
SSC-055HJ-7			44.45	1.971	44.210	22.02	10.75			1.750	11.255	9.939	0.867	0.423
SSC-055HJ-8			50.80	1.716	44.204	25.04	11.90			2.000	9.799	9.938	0.986	0.469
SSC-055HJ-9			57.15	1.510	44.213	27.87	13.10			2.250	8.623	9.940	1.097	0.516
SSC-055HJ-10			63.50	1.357	44.211	30.92	14.25			2.500	7.749	9.940	1.217	0.561
SSC-055HJ-11			69.85	1.226	44.222	33.78	15.40			2.750	7.001	9.942	1.330	0.606
SSC-055HJ-12			76.20	1.118	44.217	36.65	16.60			3.000	6.384	9.941	1.443	0.654

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-063HJ-1			15.88	9.738	63.687	9.34	6.65			0.625	55.606	14.318	0.368	0.262
SSC-063HJ-2			19.05	7.786	63.767	10.86	7.45			0.750	44.460	14.336	0.428	0.293
SSC-063HJ-3			22.22	6.492	63.751	12.40	8.25			0.875	37.071	14.332	0.488	0.325
SSC-063HJ-4			25.40	5.560	63.718	13.94	9.05			1.000	31.749	14.325	0.549	0.356
SSC-063HJ-5			31.75	4.325	63.751	17.01	10.65			1.250	24.697	14.332	0.670	0.419
SSC-063HJ-6	16.76	1.60	38.10	3.540	63.755	20.09	12.25	0.660	0.063	1.500	20.214	14.333	0.791	0.482
SSC-063HJ-7			44.45	2.991	63.768	23.13	13.85			1.750	17.080	14.336	0.911	0.545
SSC-063HJ-8			50.80	2.599	63.779	26.26	15.45			2.000	14.841	14.339	1.034	0.608
SSC-063HJ-9			57.15	2.294	63.750	29.36	17.05			2.250	13.100	14.332	1.156	0.671
SSC-063HJ-10			63.50	2.050	63.776	32.39	18.65			2.500	11.706	14.338	1.275	0.734
SSC-063HJ-11			69.85	1.853	63.743	35.45	20.25			2.750	10.581	14.331	1.396	0.797
SSC-063HJ-12			76.20	1.697	63.790	38.61	21.85			3.000	9.691	14.341	1.520	0.860
SSC-067HJ-1			15.88	12.376	76.360	9.71	7.15			0.625	70.669	17.167	0.382	0.281
SSC-067HJ-2			19.05	9.877	76.448	11.31	8.05			0.750	56.400	17.187	0.445	0.317
SSC-067HJ-3			22.22	8.208	76.416	12.91	8.90			0.875	46.869	17.180	0.508	0.350
SSC-067HJ-4			25.40	7.022	76.399	14.52	9.80			1.000	40.097	17.176	0.572	0.386
SSC-067HJ-5			31.75	5.443	76.420	17.71	11.60			1.250	31.081	17.180	0.697	0.457
SSC-067HJ-6	16.76	1.70	38.10	4.466	76.458	20.98	13.35	0.660	0.067	1.500	25.502	17.189	0.826	0.526
SSC-067HJ-7			44.45	3.766	76.450	24.15	15.15			1.750	21.505	17.187	0.951	0.596
SSC-067HJ-8			50.80	3.256	76.451	27.32	16.90			2.000	18.593	17.187	1.076	0.665
SSC-067HJ-9			57.15	2.890	76.441	30.70	18.70			2.250	16.503	17.185	1.209	0.736
SSC-067HJ-10			63.50	2.569	76.428	33.75	20.45			2.500	14.670	17.182	1.329	0.805
SSC-067HJ-11			69.85	2.324	76.436	36.96	22.25			2.750	13.271	17.184	1.455	0.876
SSC-067HJ-12			76.20	2.118	76.439	40.11	24.00			3.000	12.095	17.185	1.579	0.945
SSC-072HJ-1			15.88	16.475	91.766	10.31	7.75			0.625	94.075	20.630	0.406	0.305
SSC-072HJ-2			19.05	13.082	91.705	12.04	8.75			0.750	74.701	20.617	0.474	0.344
SSC-072HJ-3			22.22	10.858	91.750	13.77	9.75			0.875	62.001	20.627	0.542	0.384
SSC-072HJ-4			25.40	9.282	91.799	15.51	10.75			1.000	53.002	20.638	0.611	0.423
SSC-072HJ-5			31.75	7.180	91.760	18.97	12.75			1.250	40.999	20.629	0.747	0.502
SSC-072HJ-6	16.76	1.83	38.10	5.867	91.760	22.46	14.75	0.660	0.072	1.500	33.502	20.629	0.884	0.581
SSC-072HJ-7			44.45	4.933	91.803	25.84	16.80			1.750	28.169	20.639	1.017	0.661
SSC-072HJ-8			50.80	4.291	91.784	29.41	18.80			2.000	24.503	20.634	1.158	0.740
SSC-072HJ-9			57.15	3.766	91.815	32.77	20.80			2.250	21.505	20.641	1.290	0.819
SSC-072HJ-10			63.50	3.364	91.804	36.21	22.80			2.500	19.209	20.639	1.426	0.898
SSC-072HJ-11			69.85	3.065	91.797	39.90	24.80			2.750	17.502	20.637	1.571	0.976
SSC-072HJ-12			76.20	2.785	91.821	43.23	26.80			3.000	15.903	20.643	1.702	1.055
SSC-170120-1			31.50	1.528	28.360	12.94	6.60			1.240	8.726	6.376	0.509	0.260
SSC-170120-2			48.00	0.975	28.421	18.85	9.00			1.890	5.568	6.390	0.742	0.354
SSC-170120-3	17.00	1.20	72.80	0.628	28.304	27.73	12.60	0.669	0.047	2.866	3.586	6.363	1.092	0.496
SSC-170120-4			89.40	0.508	28.285	33.72	15.00			3.520	2.901	6.359	1.328	0.591
SSC-170120-5			106.00	0.430	28.531	39.65	17.40			4.173	2.456	6.414	1.561	0.685
SSC-173125-1			40.50	1.728	31.553	22.24	6.78			1.594	9.868	7.094	0.876	0.267
SSC-173125-2			62.00	1.098	31.546	33.27	9.23			2.441	6.270	7.092	1.310	0.363
SSC-173125-3	17.25	1.25	94.00	0.718	31.513	50.11	12.78	0.679	0.049	3.701	4.100	7.085	1.973	0.503
SSC-173125-4			140.00	0.478	31.472	74.16	17.92			5.512	2.730	7.076	2.920	0.706
SSC-173125-5			205.00	0.321	31.702	106.24	25.62			8.071	1.833	7.127	4.183	1.009

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-174140-1			34.30	2.725	42.565	18.68	7.70			1.350	15.561	9.569	0.735	0.303
SSC-174140-2			53.90	1.735	42.612	29.34	10.50			2.122	9.908	9.580	1.155	0.413
SSC-174140-3	17.40	1.40	83.30	1.125	42.694	45.35	14.70	0.685	0.055	3.280	6.424	9.598	1.785	0.579
SSC-174140-4			122.00	0.765	42.710	66.17	20.30			4.803	4.369	9.602	2.605	0.799
SSC-174140-5			181.00	0.517	42.740	98.33	28.70			7.126	2.953	9.609	3.871	1.130
SSC-176160-1			34.0	4.648	60.842	20.91	8.67			1.34	26.541	13.678	0.823	0.341
SSC-176160-2			51.5	2.958	60.816	30.94	11.79			2.03	16.891	13.673	1.218	0.464
SSC-176160-3	17.60	1.60	77.5	1.918	60.801	45.80	16.44	0.693	0.063	3.05	10.953	13.669	1.803	0.647
SSC-176160-4			110.0	1.302	60.960	63.18	22.76			4.33	7.435	13.705	2.487	0.896
SSC-176160-5			165.0	0.882	61.017	95.82	32.09			6.50	5.037	13.718	3.772	1.263
SSC-180200-1			30.00	11.378	111.618	20.19	10.82			1.181	64.971	25.093	0.795	0.426
SSC-180200-2			45.00	7.238	111.610	29.58	14.72			1.772	41.331	25.091	1.165	0.580
SSC-180200-3			56.00	6.078	111.592	37.64	20.00			2.205	34.707	25.087	1.482	0.787
SSC-180200-4	18.00	2.00	68.00	4.688	111.621	44.19	20.54	0.709	0.079	2.677	26.770	25.094	1.740	0.809
SSC-180200-5			98.00	3.188	111.612	62.99	28.32			3.858	18.204	25.092	2.480	1.115
SSC-180200-6			145.00	2.158	111.569	93.30	39.92			5.709	12.323	25.082	3.673	1.572
SSC-180200-7			170.00	1.765	111.666	106.74	47.96			6.693	10.080	25.104	4.202	1.888
SSC-WR1820-1		1.00	20.00		6.223	7.30	7.00		0.039	0.787		1.399	0.287	0.276
SSC-WR1825-2		1.00	25.00		8.673	7.30	7.00		0.039	0.984		1.950	0.287	0.276
SSC-WR1830-3		1.10	30.00		9.702	10.20	9.90		0.043	1.181		2.182	0.402	0.390
SSC-WR1835-4		1.10	35.00		12.152	10.20	9.90		0.043	1.378		2.732	0.402	0.390
SSC-WR1840-5		1.20	40.00		12.397	14.70	14.40		0.047	1.575		2.787	0.579	0.567
SSC-WR1845-6	18.00	1.20	45.00	0.490	14.847	14.70	14.40	0.709	0.047	1.772	2.798	3.338	0.579	0.567
SSC-WR1850-7		1.20	50.00		17.297	14.70	14.40		0.047	1.969		3.889	0.579	0.567
SSC-WR1855-8		1.30	55.00		17.233	19.83	19.50		0.051	2.165		3.875	0.781	0.768
SSC-WR1860-9		1.30	60.00		19.683	19.83	19.50		0.051	2.362		4.425	0.781	0.768
SSC-WR1865-10		1.30	65.00		22.133	19.83	19.50		0.051	2.559		4.976	0.781	0.768
SSC-WR1870-11		1.30	70.00		24.583	19.83	19.50		0.051	2.756		5.527	0.781	0.768
SSC-WF1820-1		1.20	20.00		10.497	9.30	9.00		0.047	0.787		2.360	0.366	0.354
SSC-WF1825-2		1.30	25.00		12.037	12.73	12.40		0.051	0.984		2.706	0.501	0.488
SSC-WF1830-3		1.30	30.00		16.942	12.73	12.40		0.051	1.181		3.809	0.501	0.488
SSC-WF1835-4		1.40	35.00		18.198	16.45	16.10		0.055	1.378		4.091	0.648	0.634
SSC-WF1840-5		1.50	40.00		18.266	21.38	21.00		0.059	1.575		4.107	0.842	0.827
SSC-WF1845-6	18.00	1.50	45.00	0.981	23.171	21.38	21.00	0.709	0.059	1.772	5.602	5.210	0.842	0.827
SSC-WF1850-7		1.50	50.00		28.076	21.38	21.00		0.059	1.969		6.312	0.842	0.827
SSC-WF1855-8		1.60	55.00		25.310	29.20	28.80		0.063	2.165		5.690	1.150	1.134
SSC-WF1860-9		1.60	60.00		30.215	29.20	28.80		0.063	2.362		6.793	1.150	1.134
SSC-WF1865-10		1.60	65.00		35.120	29.20	28.80		0.063	2.559		7.896	1.150	1.134
SSC-WF1870-11		1.70	70.00		31.559	37.83	37.40		0.067	2.756		7.095	1.489	1.472
SSC-WF1880-12		1.70	80.00		41.369	37.83	37.40		0.067	3.150		9.301	1.489	1.472

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WL1820-1		1.50	20.00		28.302	10.38	10.00		0.059	0.787		6.363	0.409	0.394
SSC-WL1825-2		1.60	25.00		37.069	12.40	12.00		0.063	0.984		8.334	0.488	0.472
SSC-WL1830-3		1.60	30.00		51.779	12.40	12.00		0.063	1.181		11.641	0.488	0.472
SSC-WL1835-4		1.70	35.00		54.045	16.63	16.20		0.067	1.378		12.150	0.655	0.638
SSC-WL1840-5		1.70	40.00		68.755	16.63	16.20		0.067	1.575		15.457	0.655	0.638
SSC-WL1845-6		1.80	45.00		72.815	20.25	19.80		0.071	1.772		16.370	0.797	0.780
SSC-WL1850-7	18.00	1.80	50.00	2.942	81.905	22.16	19.80	0.709	0.071	1.969	16.800	18.414	0.872	0.780
SSC-WL1855-8		1.80	55.00		81.905	27.16	19.80		0.071	2.165		18.414	1.069	0.780
SSC-WL1860-9		1.80	60.00		81.905	32.16	19.80		0.071	2.362		18.414	1.266	0.780
SSC-WL1865-10		2.00	65.00		95.615	32.50	32.00		0.079	2.559		21.496	1.280	1.260
SSC-WL1870-11		2.00	70.00		111.678	32.04	32.00		0.079	2.756		25.107	1.261	1.260
SSC-WL1880-12		2.00	80.00		111.678	42.04	32.00		0.079	3.150		25.107	1.655	1.260
SSC-WL1890-13		2.20	90.00		114.297	51.15	50.60		0.087	3.543		25.695	2.014	1.992
SSC-WL18100-14		2.20	100.00		143.305	51.29	50.60		0.087	3.937		32.217	2.019	1.992
SSC-WM1820-1		1.70	20.00		37.606	12.33	11.90		0.067	0.787		8.455	0.485	0.469
SSC-WM1825-2		1.80	25.00		49.765	14.85	14.40		0.071	0.984		11.188	0.585	0.567
SSC-WM1830-3		1.80	30.00		74.280	14.85	14.40		0.071	1.181		16.699	0.585	0.567
SSC-WM1835-4		1.80	35.00		81.880	18.30	14.40		0.071	1.378		18.408	0.720	0.567
SSC-WM1840-5		1.80	40.00		81.880	23.30	14.40		0.071	1.575		18.408	0.917	0.567
SSC-WM1845-6		2.00	45.00		111.641	22.23	22.00		0.079	1.772		25.098	0.875	0.866
SSC-WM1850-7	18.00	2.00	50.00	4.903	111.641	27.23	22.00	0.709	0.079	1.969	27.997	25.098	1.072	0.866
SSC-WM1855-8		2.00	55.00		111.641	32.23	22.00		0.079	2.165		25.098	1.269	0.866
SSC-WM1860-9		2.00	60.00		111.641	37.23	22.00		0.079	2.362		25.098	1.466	0.866
SSC-WM1865-10		2.20	65.00		143.315	35.77	34.10		0.087	2.559		32.219	1.408	1.343
SSC-WM1870-11		2.20	70.00		143.315	40.77	34.10		0.087	2.756		32.219	1.605	1.343
SSC-WM1880-12		2.20	80.00		143.315	50.77	34.10		0.087	3.150		32.219	1.999	1.343
SSC-WM1890-13		2.30	90.00		163.172	56.72	41.40		0.091	3.543		36.683	2.233	1.630
SSC-WM18100-14		2.30	100.00		163.172	66.72	41.40		0.091	3.937		36.683	2.627	1.630
SSC-WH1820-1		2.10	20.00		101.058	13.13	12.60		0.083	0.787		22.719	0.517	0.496
SSC-WH1825-2		2.20	25.00		133.126	15.95	15.40		0.087	0.984		29.928	0.628	0.606
SSC-WH1830-3		2.20	30.00		143.275	20.26	15.40		0.087	1.181		32.210	0.798	0.606
SSC-WH1835-4		2.30	35.00		163.134	23.91	18.40		0.091	1.378		36.674	0.941	0.724
SSC-WH1840-5		2.40	40.00		184.758	27.44	21.60		0.094	1.575		41.536	1.080	0.850
SSC-WH1845-6		2.50	45.00		207.999	30.86	25.00		0.098	1.772		46.761	1.215	0.984
SSC-WH1850-7	18.00	2.50	50.00	14.710	207.999	35.86	25.00	0.709	0.098	1.969	83.997	46.761	1.412	0.984
SSC-WH1855-8		2.60	55.00		226.093	39.63	30.00		0.102	2.165		50.828	1.560	1.181
SSC-WH1860-9		2.60	60.00		226.093	44.63	30.00		0.102	2.362		50.828	1.757	1.181
SSC-WH1865-10		2.80	65.00		280.226	45.95	42.00		0.110	2.559		62.998	1.809	1.654
SSC-WH1870-11		2.80	70.00		280.226	50.95	42.00		0.110	2.756		62.998	2.006	1.654
SSC-WH1880-12		2.90	80.00		310.087	58.92	49.30		0.114	3.150		69.711	2.320	1.941
SSC-WH1890-13		3.00	90.00		341.860	66.76	57.00		0.118	3.543		76.854	2.628	2.244
SSC-WH18100-14		3.00	100.00		341.860	76.76	57.00		0.118	3.937		76.854	3.022	2.244

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



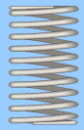
Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-WB1820-1		2.50	20.00		160.927	14.53	13.90		0.098	0.787		36.178	0.572	0.547
SSC-WB1825-2		2.60	25.00		225.946	17.32	17.00		0.102	0.984		50.795	0.682	0.669
SSC-WB1830-3		2.60	30.00		225.946	22.32	17.00		0.102	1.181		50.795	0.879	0.669
SSC-WB1835-4		2.80	35.00		280.078	25.48	23.50		0.110	1.378		62.965	1.003	0.925
SSC-WB1840-5		2.90	40.00		310.087	29.46	27.50		0.114	1.575		69.711	1.160	1.083
SSC-WB1845-6		2.90	45.00		310.087	34.46	27.50		0.114	1.772		69.711	1.357	1.083
SSC-WB1850-7	18.00	3.00	50.00	29.420	341.860	38.38	33.00	0.709	0.118	1.969	167.993	76.854	1.511	1.299
SSC-WB1855-8		3.00	55.00		341.860	43.38	33.00		0.118	2.165		76.854	1.708	1.299
SSC-WB1860-9		3.20	60.00		398.347	46.46	43.00		0.126	2.362		89.552	1.829	1.693
SSC-WB1865-10		3.20	65.00		398.347	51.46	43.00		0.126	2.559		89.552	2.026	1.693
SSC-WB1870-11		3.20	70.00		398.347	56.46	43.00		0.126	2.756		89.552	2.223	1.693
SSC-WB1880-12		3.40	80.00		473.368	63.91	58.00		0.134	3.150		106.418	2.516	2.283
SSC-WB1890-13		3.40	90.00		473.368	73.91	58.00		0.134	3.543		106.418	2.910	2.283
SSC-WB18100-14		3.50	100.00		513.967	82.53	71.00		0.138	3.937		115.545	3.249	2.795
SSC-055J-0			15.88	5.031	40.650	7.80	5.15			0.625	28.728	9.139	0.307	0.203
SSC-055J-1			19.05	4.021	40.652	8.94	5.60			0.750	22.961	9.140	0.352	0.220
SSC-055J-2			22.22	3.501	40.647	10.61	6.15			0.875	19.992	9.138	0.418	0.242
SSC-055J-3			25.40	3.236	40.644	12.84	6.30			1.000	18.479	9.138	0.506	0.248
SSC-055J-4			31.75	2.452	40.654	15.17	7.70			1.250	14.002	9.140	0.597	0.303
SSC-055J-5	18.29	1.40	38.10	2.010	40.642	17.88	8.40	0.720	0.055	1.500	11.478	9.137	0.704	0.331
SSC-055J-6			44.45	1.569	40.653	18.54	10.15			1.750	8.960	9.140	0.730	0.400
SSC-055J-7			50.80	1.491	40.674	23.52	10.70			2.000	8.514	9.144	0.926	0.421
SSC-055J-8			57.15	1.270	40.665	25.13	11.85			2.250	7.252	9.142	0.989	0.467
SSC-055J-9			63.50	1.157	40.657	28.36	13.10			2.500	6.607	9.141	1.117	0.516
SSC-055J-10			69.85	1.049	40.649	31.10	13.90			2.750	5.990	9.139	1.224	0.547
SSC-055J-11			76.20	0.961	40.660	33.89	14.90			3.000	5.488	9.141	1.334	0.587
SSC-063J-0			15.88	7.267	58.645	7.81	6.70			0.625	41.496	13.184	0.307	0.264
SSC-063J-1			19.05	5.779	58.657	8.90	7.20			0.750	32.999	13.187	0.350	0.283
SSC-063J-2			22.22	4.904	58.652	10.26	8.05			0.875	28.003	13.186	0.404	0.317
SSC-063J-3			25.40	4.197	58.674	11.42	9.00			1.000	23.966	13.191	0.450	0.354
SSC-063J-4			31.75	3.324	58.669	14.10	10.45			1.250	18.981	13.190	0.555	0.411
SSC-063J-5	18.29	1.60	38.10	2.618	58.669	15.69	12.40	0.720	0.063	1.500	14.950	13.190	0.618	0.488
SSC-063J-6			44.45	2.275	58.672	18.66	13.60			1.750	12.991	13.191	0.735	0.535
SSC-063J-7			50.80	1.922	58.679	20.27	15.65			2.000	10.975	13.192	0.798	0.616
SSC-063J-8			57.15	1.746	58.701	23.53	17.10			2.250	9.970	13.197	0.926	0.673
SSC-063J-9			63.50	1.569	58.681	26.10	18.70			2.500	8.960	13.192	1.028	0.736
SSC-063J-10			69.85	1.402	58.660	28.01	20.10			2.750	8.006	13.188	1.103	0.791
SSC-063J-11			76.20	1.270	58.699	29.98	21.85			3.000	7.252	13.197	1.180	0.860

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-067J-1			19.05	8.756	70.136	11.04	7.25			0.750	49.999	15.768	0.435	0.285
SSC-067J-2			22.22	7.005	70.190	12.20	8.10			0.875	40.000	15.780	0.480	0.319
SSC-067J-3			25.40	5.779	70.157	13.26	8.95			1.000	32.999	15.772	0.522	0.352
SSC-067J-4			31.75	4.728	70.164	16.91	10.25			1.250	26.998	15.774	0.666	0.404
SSC-067J-5			38.10	3.844	70.153	19.85	11.95			1.500	21.950	15.772	0.781	0.470
SSC-067J-6	18.29	1.70	44.45	3.148	70.169	22.16	13.65	0.720	0.067	1.750	17.976	15.775	0.872	0.537
SSC-067J-7			50.80	2.707	70.193	24.87	15.40			2.000	15.458	15.780	0.979	0.606
SSC-067J-8			57.15	2.451	70.197	28.51	17.00			2.250	13.996	15.781	1.122	0.669
SSC-067J-9			63.50	2.176	70.154	31.26	18.40			2.500	12.426	15.772	1.231	0.724
SSC-067J-10			76.20	1.751	70.180	36.12	22.45			3.000	9.999	15.778	1.422	0.884
SSC-067J-11			82.55	1.611	70.175	38.99	23.75			3.250	9.200	15.776	1.535	0.935
SSC-067J-12			88.90	1.491	70.196	41.82	25.35			3.500	8.514	15.781	1.646	0.998
SSC-072J-1			22.22	8.406	84.648	12.15	9.15			0.875	48.000	19.030	0.478	0.360
SSC-072J-2			25.40	7.355	84.656	13.89	10.10			1.000	41.999	19.032	0.547	0.398
SSC-072J-3			31.75	5.779	84.720	17.09	11.95			1.250	32.999	19.046	0.673	0.470
SSC-072J-4			38.10	4.550	84.721	19.48	14.20			1.500	25.982	19.047	0.767	0.559
SSC-072J-5			44.45	3.844	84.722	22.41	16.05			1.750	21.950	19.047	0.882	0.632
SSC-072J-6	18.29	1.83	50.80	3.501	84.724	26.60	17.40	0.720	0.072	2.000	19.992	19.047	1.047	0.685
SSC-072J-7			57.15	2.971	84.703	28.64	19.80			2.250	16.965	19.043	1.128	0.780
SSC-072J-8			63.50	2.618	84.692	31.15	22.05			2.500	14.950	19.040	1.226	0.868
SSC-072J-9			69.85	2.452	84.717	35.30	23.55			2.750	14.002	19.046	1.390	0.927
SSC-072J-10			76.20	2.187	84.724	37.46	25.80			3.000	12.489	19.047	1.475	1.016
SSC-072J-11			88.90	1.834	84.731	42.70	29.20			3.500	10.473	19.049	1.681	1.150
SSC-072J-12			101.60	1.601	84.741	48.67	33.55			4.000	9.142	19.051	1.916	1.321
SSC-080J-1			22.22	14.056	111.464	14.29	10.25			0.875	80.262	25.059	0.563	0.404
SSC-080J-2			25.40	12.001	111.489	16.11	11.30			1.000	68.528	25.064	0.634	0.445
SSC-080J-3			31.75	9.222	111.494	19.66	13.35			1.250	52.659	25.065	0.774	0.526
SSC-080J-4			38.10	7.520	111.522	23.27	15.40			1.500	42.941	25.072	0.916	0.606
SSC-080J-5			44.45	6.313	111.551	26.78	17.50			1.750	36.049	25.078	1.054	0.689
SSC-080J-6	18.29	2.03	50.80	5.464	111.520	30.39	19.55	0.720	0.080	2.000	31.201	25.071	1.196	0.770
SSC-080J-7			57.15	4.811	111.567	33.96	21.70			2.250	27.472	25.082	1.337	0.854
SSC-080J-8			63.50	4.298	111.533	37.55	23.75			2.500	24.543	25.074	1.478	0.935
SSC-080J-9			69.85	3.890	111.565	41.17	25.80			2.750	22.213	25.081	1.621	1.016
SSC-080J-10			76.20	3.543	111.534	44.72	27.80			3.000	20.232	25.074	1.761	1.094
SSC-080J-11			88.90	2.974	111.555	51.39	32.35			3.500	16.982	25.079	2.023	1.274
SSC-080J-12			101.60	2.587	111.577	58.47	36.60			4.000	14.773	25.084	2.302	1.441
SSC-085J-1			22.22	19.907	133.775	15.50	10.45			0.875	113.672	30.074	0.610	0.411
SSC-085J-2			25.40	16.985	133.672	17.53	11.45			1.000	96.987	30.051	0.690	0.451
SSC-085J-3			31.75	13.053	133.793	21.50	13.55			1.250	74.535	30.078	0.846	0.533
SSC-085J-4			38.10	10.601	133.785	25.48	15.70			1.500	60.534	30.076	1.003	0.618
SSC-085J-5			44.45	8.914	133.799	29.44	17.80			1.750	50.901	30.080	1.159	0.701
SSC-085J-6	18.29	2.16	50.80	7.708	133.811	33.44	19.90	0.720	0.085	2.000	44.014	30.082	1.317	0.783
SSC-085J-7			57.15	6.776	133.826	37.40	22.00			2.250	38.692	30.086	1.472	0.866
SSC-085J-8			63.50	6.042	133.830	41.35	24.15			2.500	34.501	30.087	1.628	0.951
SSC-085J-9			69.85	5.462	133.819	45.35	26.25			2.750	31.189	30.084	1.785	1.033
SSC-085J-10			76.20	4.982	133.817	49.34	28.35			3.000	28.448	30.084	1.943	1.116
SSC-085J-11			88.90	4.236	133.815	57.31	32.60			3.500	24.189	30.083	2.256	1.283
SSC-085J-12			101.60	3.677	133.806	65.21	36.80			4.000	20.997	30.081	2.567	1.449

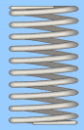
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-095J-1			22.22	31.260	184.747	16.31	11.65			0.875	178.500	41.533	0.642	0.459
SSC-095J-2			25.40	26.427	184.989	18.40	12.90			1.000	150.903	41.588	0.724	0.508
SSC-095J-3			31.75	20.192	184.959	22.59	15.30			1.250	115.300	41.581	0.889	0.602
SSC-095J-4			38.10	16.357	184.998	26.79	17.75			1.500	93.401	41.590	1.055	0.699
SSC-095J-5			44.45	13.730	184.943	30.98	20.15			1.750	78.401	41.577	1.220	0.793
SSC-095J-6	18.29	2.41	50.80	11.839	184.925	35.18	22.60	0.720	0.095	2.000	67.603	41.573	1.385	0.890
SSC-095J-7			57.15	10.403	184.965	39.37	25.05			2.250	59.403	41.582	1.550	0.986
SSC-095J-8			63.50	9.264	185.002	43.53	27.50			2.500	52.899	41.591	1.714	1.083
SSC-095J-9			69.85	8.371	184.999	47.75	29.90			2.750	47.800	41.590	1.880	1.177
SSC-095J-10			76.20	7.618	184.965	51.92	32.35			3.000	43.500	41.582	2.044	1.274
SSC-095J-11			88.90	6.480	185.004	60.35	37.25			3.500	37.002	41.591	2.376	1.467
SSC-095J-12			101.60	5.622	185.020	68.69	42.10			4.000	32.103	41.595	2.704	1.657
SSC-105J-1			22.22	48.090	239.969	17.23	13.35			0.875	274.601	53.948	0.678	0.526
SSC-105J-2			25.40	40.472	239.999	19.47	14.80			1.000	231.102	53.954	0.767	0.583
SSC-105J-3			31.75	30.752	239.866	23.95	17.75			1.250	175.599	53.924	0.943	0.699
SSC-105J-4			38.10	24.780	239.870	28.42	20.70			1.500	141.498	53.925	1.119	0.815
SSC-105J-5			44.45	20.753	239.905	32.89	23.65			1.750	118.503	53.933	1.295	0.931
SSC-105J-6	18.29	2.67	50.80	17.863	239.900	37.37	26.60	0.720	0.105	2.000	102.001	53.932	1.471	1.047
SSC-105J-7			57.15	15.674	239.969	41.84	29.55			2.250	89.501	53.948	1.647	1.163
SSC-105J-8			63.50	13.975	239.951	46.33	32.50			2.500	79.800	53.944	1.824	1.280
SSC-105J-9			69.85	12.592	240.004	50.79	35.45			2.750	71.903	53.955	2.000	1.396
SSC-105J-10			76.20	11.471	239.973	55.28	38.40			3.000	65.502	53.949	2.176	1.512
SSC-105J-11			88.90	9.720	239.987	64.21	44.25			3.500	55.503	53.952	2.528	1.742
SSC-105J-12			101.60	8.441	239.978	73.17	50.15			4.000	48.200	53.950	2.881	1.974
SSC-185250-1			27.50	27.748	202.838	20.19	13.53			1.083	158.446	45.600	0.795	0.533
SSC-185250-2			41.00	17.648	202.952	29.50	18.42			1.614	100.773	45.626	1.161	0.725
SSC-185250-3	18.50	2.50	61.00	11.468	202.869	43.31	25.65	0.728	0.098	2.402	65.484	45.607	1.705	1.010
SSC-185250-4			88.00	7.778	202.850	61.92	35.44			3.465	44.414	45.603	2.438	1.395
SSC-185250-5			130.00	5.248	202.888	91.34	50.10			5.118	29.967	45.611	3.596	1.972
SSC-190220-1			57.00	5.920	136.278	33.98	23.10			2.244	33.805	30.637	1.338	0.909
SSC-190220-2			68.00	4.795	136.322	39.57	27.50			2.677	27.381	30.647	1.558	1.083
SSC-190220-3	19.00	2.20	80.00	4.027	136.314	46.15	31.90	0.748	0.087	3.150	22.995	30.645	1.817	1.256
SSC-190220-4			95.00	3.470	136.267	55.73	36.30			3.740	19.815	30.635	2.194	1.429
SSC-190220-5			106.00	3.052	136.394	61.31	40.70			4.173	17.428	30.663	2.414	1.602
SSC-192320-1			27.5	74.328	376.100	22.44	17.35			1.083	424.424	84.551	0.883	0.683
SSC-192320-2			40.0	47.368	376.576	32.05	23.58			1.575	270.479	84.658	1.262	0.928
SSC-192320-3	19.20	3.20	59.0	30.688	376.542	46.73	32.91	0.756	0.126	2.323	175.233	84.650	1.840	1.296
SSC-192320-4			83.5	20.788	376.679	65.38	45.54			3.287	118.703	84.681	2.574	1.793
SSC-192320-5			120.0	14.118	376.668	93.32	64.02			4.724	80.616	84.679	3.674	2.520

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-200180-1			34.10	5.070	74.123	19.48	9.90			1.343	28.951	16.664	0.767	0.390
SSC-200180-2			51.50	3.228	74.179	28.52	13.50			2.028	18.433	16.677	1.123	0.531
SSC-200180-3			56.00	2.730	74.147	28.84	15.30			2.205	15.589	16.669	1.135	0.602
SSC-200180-4	20.00	1.80	69.00	2.088	74.166	33.48	18.90	0.787	0.071	2.717	11.923	16.674	1.318	0.744
SSC-200180-5			86.30	1.868	74.160	46.60	20.70			3.398	10.667	16.672	1.835	0.815
SSC-200180-6			100.00	1.420	74.181	47.76	26.10			3.937	8.109	16.677	1.880	1.028
SSC-200180-7			118.00	1.224	74.187	57.39	29.70			4.646	6.990	16.678	2.259	1.169
SSC-200180-8			139.00	1.145	74.196	74.20	31.50			5.472	6.539	16.680	2.921	1.240
SSC-200200-1			43.50	4.660	101.169	21.79	16.00			1.713	26.610	22.744	0.858	0.630
SSC-200200-2			50.00	2.540	59.690	26.50	26.00			1.969	14.504	13.419	1.043	1.024
SSC-200200-3	20.00	2.00	65.00	1.555	38.098	40.50	40.00	0.787	0.079	2.559	8.880	8.565	1.594	1.575
SSC-200200-4			77.50	2.540	101.092	37.70	26.00			3.051	14.504	22.727	1.484	1.024
SSC-200200-5			200.00	1.036	101.238	102.28	58.00			7.874	5.916	22.760	4.027	2.283
SSC-200280-1			27.20	35.108	254.884	19.94	15.40			1.071	200.472	57.301	0.785	0.606
SSC-200280-2	20.00	2.80	39.50	22.358	254.881	28.10	21.00	0.787	0.110	1.555	127.668	57.300	1.106	0.827
SSC-200280-3			64.20	12.938	254.879	44.50	32.20			2.528	73.878	57.299	1.752	1.268
SSC-200280-4			101.00	7.942	254.859	68.91	47.89			3.976	45.350	57.295	2.713	1.885
SSC-049K-1			19.05	2.275	24.866	8.12	4.11			0.750	12.991	5.591	0.320	0.162
SSC-049K-2			22.22	1.902	24.878	9.14	4.43			0.875	10.861	5.593	0.360	0.174
SSC-049K-3			25.40	1.638	24.881	10.21	4.74			1.000	9.354	5.594	0.402	0.187
SSC-049K-4			31.75	1.285	24.890	12.38	5.36			1.250	7.338	5.596	0.487	0.211
SSC-049K-5	21.46	1.25	38.10	1.059	24.876	14.61	5.97	0.845	0.049	1.500	6.048	5.593	0.575	0.235
SSC-049K-6			50.80	0.775	24.893	18.68	7.24			2.000	4.426	5.597	0.735	0.285
SSC-049K-7			63.50	0.618	24.887	23.23	8.44			2.500	3.529	5.595	0.915	0.332
SSC-049K-8			76.20	0.510	24.883	27.41	9.70			3.000	2.913	5.594	1.079	0.382
SSC-049K-9			88.90	0.431	24.856	31.23	11.01			3.500	2.462	5.588	1.230	0.433
SSC-049K-10			101.60	0.382	24.853	36.54	12.10			4.000	2.182	5.588	1.439	0.476
SSC-055K-1			19.05	3.161	34.834	8.03	5.00			0.750	18.050	7.832	0.316	0.197
SSC-055K-2			22.22	2.644	34.821	9.05	5.50			0.875	15.098	7.829	0.356	0.217
SSC-055K-3			25.40	2.273	34.845	10.07	6.05			1.000	12.980	7.834	0.396	0.238
SSC-055K-4			31.75	1.774	34.841	12.11	6.90			1.250	10.130	7.833	0.477	0.272
SSC-055K-5	21.46	1.40	38.10	1.455	34.833	14.16	7.75	0.845	0.055	1.500	8.309	7.831	0.557	0.305
SSC-055K-6			50.80	1.070	34.839	18.24	9.40			2.000	6.110	7.833	0.718	0.370
SSC-055K-7			63.50	0.846	34.847	22.31	11.10			2.500	4.831	7.834	0.878	0.437
SSC-055K-8			76.20	0.700	34.832	26.44	12.80			3.000	3.998	7.831	1.041	0.504
SSC-055K-9			88.90	0.597	34.835	30.55	14.45			3.500	3.409	7.832	1.203	0.569
SSC-055K-10			101.60	0.520	34.861	34.56	16.15			4.000	2.970	7.838	1.361	0.636

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-063K-1			19.05	5.036	50.310	9.06	5.84			0.750	28.757	11.311	0.357	0.230
SSC-063K-2			22.22	4.053	50.338	9.80	6.48			0.875	23.144	11.317	0.386	0.255
SSC-063K-3			25.40	3.462	50.337	10.86	7.04			1.000	19.769	11.317	0.428	0.277
SSC-063K-4			31.75	2.724	50.312	13.28	8.08			1.250	15.555	11.311	0.523	0.318
SSC-063K-5	21.46	1.60	38.10	2.216	50.348	15.38	9.20	0.845	0.063	1.500	12.654	11.319	0.606	0.362
SSC-063K-6			50.80	1.629	50.336	19.90	11.36			2.000	9.302	11.317	0.783	0.447
SSC-063K-7			63.50	1.278	50.328	24.12	13.60			2.500	7.298	11.315	0.950	0.535
SSC-063K-8			76.20	1.065	50.321	28.95	15.68			3.000	6.082	11.313	1.140	0.617
SSC-063K-9			88.90	0.898	50.324	32.86	18.00			3.500	5.128	11.314	1.294	0.709
SSC-063K-10			101.60	0.791	50.316	37.99	20.00			4.000	4.517	11.312	1.496	0.787
SSC-067K-1			19.05	5.981	60.408	8.95	6.85			0.750	34.153	13.581	0.352	0.270
SSC-067K-2			22.22	4.975	60.397	10.08	7.50			0.875	28.408	13.578	0.397	0.295
SSC-067K-3			25.40	4.259	60.435	11.21	8.15			1.000	24.320	13.587	0.441	0.321
SSC-067K-4			31.75	3.306	60.401	13.48	9.45			1.250	18.878	13.579	0.531	0.372
SSC-067K-5	21.46	1.70	38.10	2.697	60.440	15.69	10.75	0.845	0.067	1.500	15.401	13.588	0.618	0.423
SSC-067K-6			50.80	1.971	60.431	20.14	13.35			2.000	11.255	13.586	0.793	0.526
SSC-067K-7			63.50	1.557	60.443	24.68	15.95			2.500	8.891	13.589	0.972	0.628
SSC-067K-8			76.20	1.285	60.446	29.16	18.55			3.000	7.338	13.589	1.148	0.730
SSC-067K-9			88.90	1.095	60.455	33.69	21.15			3.500	6.253	13.591	1.326	0.833
SSC-067K-10			101.60	0.954	60.426	38.26	23.70			4.000	5.448	13.585	1.506	0.933
SSC-072K-1			22.22	7.110	72.593	12.01	7.85			0.875	40.600	16.320	0.473	0.309
SSC-072K-2			25.40	6.113	72.622	13.52	8.50			1.000	34.907	16.327	0.532	0.335
SSC-072K-3			31.75	4.701	72.630	16.30	9.85			1.250	26.844	16.328	0.642	0.388
SSC-072K-4			38.10	3.821	72.599	19.10	11.20			1.500	21.819	16.321	0.752	0.441
SSC-072K-5	21.46	1.83	44.45	3.217	72.640	21.87	12.60	0.845	0.072	1.750	18.370	16.331	0.861	0.496
SSC-072K-6			50.80	2.805	72.650	24.90	13.90			2.000	16.017	16.333	0.980	0.547
SSC-072K-7			63.50	2.186	72.641	30.27	16.70			2.500	12.483	16.331	1.192	0.657
SSC-072K-8			76.20	1.820	72.654	36.28	19.30			3.000	10.393	16.334	1.428	0.760
SSC-072K-9			88.90	1.547	72.616	41.96	21.95			3.500	8.834	16.325	1.652	0.864
SSC-080K-00			22.22	10.013	96.225	12.61	9.20			0.875	57.176	21.633	0.496	0.362
SSC-080K-0			25.40	8.493	96.226	14.07	10.10			1.000	48.497	21.633	0.554	0.398
SSC-080K-1			31.75	6.649	96.211	17.28	11.60			1.250	37.967	21.630	0.680	0.457
SSC-080K-2			34.93	5.954	96.217	18.77	12.45			1.375	33.999	21.631	0.739	0.490
SSC-080K-3			38.10	5.423	96.204	20.36	13.25			1.500	30.967	21.628	0.802	0.522
SSC-080K-4	21.46	2.03	44.45	4.550	96.187	23.31	15.10	0.845	0.080	1.750	25.982	21.624	0.918	0.594
SSC-080K-5			50.80	3.844	96.215	25.77	17.00			2.000	21.950	21.631	1.015	0.669
SSC-080K-6			57.15	3.413	96.212	28.96	18.35			2.250	19.489	21.630	1.140	0.722
SSC-080K-7			63.50	3.060	96.237	32.05	19.95			2.500	17.474	21.635	1.262	0.785
SSC-080K-8			69.85	2.707	96.234	34.30	21.95			2.750	15.458	21.635	1.350	0.864
SSC-080K-9			76.20	2.534	96.216	38.23	23.60			3.000	14.470	21.631	1.505	0.929
SSC-080K-10			88.90	2.107	96.206	43.24	27.50			3.500	12.032	21.628	1.702	1.083

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-085K-00			19.05	15.080	115.060	11.42	9.05			0.750	86.109	25.867	0.450	0.356
SSC-085K-0			25.40	10.683	115.056	14.63	10.80			1.000	61.002	25.866	0.576	0.425
SSC-085K-1			31.75	8.056	115.040	17.47	12.90			1.250	46.001	25.862	0.688	0.508
SSC-085K-2			34.93	7.355	115.032	19.29	13.65			1.375	41.999	25.861	0.759	0.537
SSC-085K-3			38.10	6.649	115.028	20.80	14.70			1.500	37.967	25.860	0.819	0.579
SSC-085K-4			44.45	5.604	115.050	23.92	16.90			1.750	32.000	25.865	0.942	0.665
SSC-085K-5	21.46	2.16	50.80	4.728	115.032	26.47	18.70	0.845	0.085	2.000	26.998	25.861	1.042	0.736
SSC-085K-6			57.15	4.197	115.040	29.74	20.85			2.250	23.966	25.862	1.171	0.821
SSC-085K-7			63.50	3.765	115.021	32.95	22.80			2.500	21.499	25.858	1.297	0.898
SSC-085K-8			69.85	3.413	115.052	36.14	24.40			2.750	19.489	25.865	1.423	0.961
SSC-085K-9			76.20	3.148	115.059	39.65	26.05			3.000	17.976	25.867	1.561	1.026
SSC-085K-10			88.90	2.618	115.035	44.96	30.25			3.500	14.950	25.861	1.770	1.191
SSC-085K-11			101.60	2.284	115.068	51.22	34.10			4.000	13.042	25.869	2.017	1.343
SSC-091K-1			38.10	8.581	140.557	21.72	16.45			1.500	48.999	31.599	0.855	0.648
SSC-091K-2			44.45	7.180	140.584	24.87	18.55			1.750	40.999	31.605	0.979	0.730
SSC-091K-3			50.80	6.129	140.599	27.86	20.85			2.000	34.998	31.608	1.097	0.821
SSC-091K-4	21.46	2.31	57.15	5.423	140.618	31.22	23.10	0.845	0.091	2.250	30.967	31.613	1.229	0.910
SSC-091K-5			63.50	4.904	140.598	34.83	24.75			2.500	28.003	31.608	1.371	0.974
SSC-091K-6			69.85	4.374	140.624	37.70	27.45			2.750	24.977	31.614	1.484	1.081
SSC-091K-7			76.20	4.021	140.614	41.23	30.10			3.000	22.961	31.612	1.623	1.185
SSC-098K-00			25.40	17.863	174.700	15.62	13.20			1.000	102.001	39.275	0.615	0.520
SSC-098K-0			31.75	13.660	174.711	18.96	15.65			1.250	78.001	39.277	0.746	0.616
SSC-098K-1			38.10	11.383	174.729	22.75	18.55			1.500	64.999	39.281	0.896	0.730
SSC-098K-2			44.45	9.457	174.765	25.97	20.70			1.750	54.001	39.289	1.022	0.815
SSC-098K-3	21.46	2.49	50.80	8.056	174.735	29.11	23.30	0.845	0.098	2.000	46.001	39.282	1.146	0.917
SSC-098K-4			57.15	7.005	174.775	32.20	25.65			2.250	40.000	39.291	1.268	1.010
SSC-098K-5			63.50	6.296	174.777	35.74	28.20			2.500	35.952	39.292	1.407	1.110
SSC-098K-6			69.85	5.692	174.744	39.15	31.00			2.750	32.503	39.285	1.541	1.220
SSC-098K-7			76.20	5.158	174.753	42.32	33.50			3.000	29.453	39.287	1.666	1.319
SSC-098K-8			88.90	4.462	174.777	49.73	38.60			3.500	25.479	39.292	1.958	1.520
SSC-220150-1			33.30	1.713	41.814	8.89	8.25			1.311	9.782	9.401	0.350	0.325
SSC-220150-2			50.70	1.090	41.823	12.33	11.25			1.996	6.225	9.403	0.485	0.443
SSC-220150-3	22.00	1.50	76.20	0.705	41.807	16.90	15.75	0.866	0.059	3.000	4.026	9.399	0.665	0.620
SSC-220150-4			110.00	0.480	41.837	22.84	21.75			4.331	2.741	9.406	0.899	0.856
SSC-220150-5			162.00	0.325	41.880	33.14	30.75			6.378	1.856	9.415	1.305	1.211
SSC-220200-1			41.00	5.828	92.316	25.16	10.81			1.614	33.279	20.754	0.991	0.426
SSC-220200-2			62.00	3.708	92.329	37.10	14.71			2.441	21.174	20.757	1.461	0.579
SSC-220200-3	22.00	2.00	94.00	2.388	92.320	55.34	20.62	0.866	0.079	3.701	13.636	20.755	2.179	0.812
SSC-220200-4			135.00	1.629	92.348	78.31	28.37			5.315	9.302	20.761	3.083	1.117
SSC-220200-5			200.00	1.099	92.316	116.00	40.12			7.874	6.276	20.754	4.567	1.580
SSC-225250-1			36.00	14.222	169.384	24.09	13.53			1.417	81.210	38.080	0.948	0.533
SSC-225250-2			54.00	9.052	169.363	35.29	18.40			2.126	51.689	38.075	1.389	0.724
SSC-225250-3	22.50	2.50	81.50	5.852	169.415	52.55	25.72	0.886	0.098	3.209	33.416	38.087	2.069	1.013
SSC-225250-4			120.00	3.982	169.434	77.45	35.46			4.724	22.738	38.091	3.049	1.396
SSC-225250-5			175.00	2.691	169.425	112.04	43.93			6.890	15.367	38.089	4.411	1.730

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-232320-1			33.50	38.148	318.154	25.16	17.32			1.319	217.831	71.524	0.991	0.682
SSC-232320-2			49.50	24.218	318.225	36.36	23.60			1.949	138.289	71.540	1.431	0.929
SSC-232320-3	23.20	3.20	74.00	15.688	318.153	53.72	32.95	0.913	0.126	2.913	89.581	71.524	2.115	1.297
SSC-232320-4			105.00	10.688	318.182	75.23	45.37			4.134	61.031	71.531	2.962	1.786
SSC-232320-5			155.00	7.208	318.161	110.86	64.18			6.102	41.159	71.526	4.365	2.527
SSC-240220-1			39.20	6.568	109.292	22.56	12.10			1.543	37.505	24.570	0.888	0.476
SSC-240220-2			59.10	4.188	109.307	33.00	16.50			2.327	23.915	24.574	1.299	0.650
SSC-240220-3	24.00	2.20	75.00	3.236	109.351	41.21	19.67	0.945	0.087	2.953	18.480	24.584	1.622	0.774
SSC-240220-4			98.90	2.424	109.322	53.80	25.30			3.894	13.842	24.577	2.118	0.996
SSC-240220-5			159.00	1.488	109.517	85.40	38.50			6.260	8.497	24.621	3.362	1.516
SSC-063L-1			19.05	4.489	44.037	9.24	5.40			0.750	25.633	9.900	0.364	0.213
SSC-063L-2			25.40	3.205	44.037	11.66	6.20			1.000	18.302	9.900	0.459	0.244
SSC-063L-3			31.75	2.492	44.034	14.08	7.00			1.250	14.230	9.900	0.554	0.276
SSC-063L-4			38.10	2.038	44.041	16.49	7.80			1.500	11.638	9.901	0.649	0.307
SSC-063L-5			44.45	1.725	44.039	18.92	8.60			1.750	9.851	9.901	0.745	0.339
SSC-063L-6	24.64	1.60	50.80	1.495	44.058	21.33	9.40	0.970	0.063	2.000	8.537	9.905	0.840	0.370
SSC-063L-7			57.15	1.318	44.048	23.73	10.20			2.250	7.526	9.903	0.934	0.402
SSC-063L-8			63.50	1.181	44.063	26.19	11.00			2.500	6.744	9.906	1.031	0.433
SSC-063L-9			69.85	1.066	44.047	28.53	11.75			2.750	6.088	9.903	1.123	0.463
SSC-063L-10			76.20	0.974	44.054	30.97	12.55			3.000	5.562	9.904	1.219	0.494
SSC-063L-11			88.90	0.830	44.065	35.81	14.15			3.500	4.740	9.907	1.410	0.557
SSC-063L-12			101.60	0.723	44.067	40.65	15.75			4.000	4.129	9.907	1.600	0.620
SSC-067L-1			19.05	5.522	52.901	9.47	5.53			0.750	31.532	11.893	0.373	0.218
SSC-067L-2			25.40	3.944	52.889	11.99	6.38			1.000	22.521	11.890	0.472	0.251
SSC-067L-3			31.75	3.068	52.892	14.51	7.23			1.250	17.519	11.891	0.571	0.285
SSC-067L-4			38.10	2.510	52.886	17.03	8.08			1.500	14.333	11.890	0.670	0.318
SSC-067L-5			44.45	2.124	52.888	19.55	8.93			1.750	12.129	11.890	0.770	0.352
SSC-067L-6	24.64	1.70	50.80	1.841	52.910	22.06	9.78	0.970	0.067	2.000	10.513	11.895	0.869	0.385
SSC-067L-7			57.15	1.624	52.894	24.58	10.63			2.250	9.274	11.891	0.968	0.419
SSC-067L-8			63.50	1.453	52.889	27.10	11.48			2.500	8.297	11.890	1.067	0.452
SSC-067L-9			69.85	1.315	52.902	29.62	12.33			2.750	7.509	11.893	1.166	0.485
SSC-067L-10			76.20	1.200	52.884	32.13	13.18			3.000	6.853	11.889	1.265	0.519
SSC-067L-11			88.90	1.023	52.920	37.17	14.88			3.500	5.842	11.897	1.463	0.586
SSC-067L-12			101.60	0.891	52.925	42.20	16.58			4.000	5.088	11.899	1.661	0.653
SSC-072L-1			19.05	6.918	63.576	9.86	6.20			0.750	39.503	14.293	0.388	0.244
SSC-072L-2			25.40	4.896	63.599	12.41	7.55			1.000	27.957	14.298	0.489	0.297
SSC-072L-3			31.75	3.789	63.579	14.97	8.60			1.250	21.636	14.294	0.589	0.339
SSC-072L-4			38.10	3.091	63.613	17.52	9.70			1.500	17.651	14.301	0.690	0.382
SSC-072L-5			44.45	2.609	63.607	20.07	10.75			1.750	14.898	14.300	0.790	0.423
SSC-072L-6	24.64	1.83	50.80	2.258	63.585	22.64	11.80	0.970	0.072	2.000	12.894	14.295	0.891	0.465
SSC-072L-7			57.15	1.991	63.612	25.20	12.85			2.250	11.369	14.301	0.992	0.506
SSC-072L-8			63.50	1.779	63.617	27.74	13.95			2.500	10.159	14.302	1.092	0.549
SSC-072L-9			69.85	1.603	63.591	30.18	15.00			2.750	9.154	14.296	1.188	0.591
SSC-072L-10			76.20	1.468	63.608	32.87	16.05			3.000	8.383	14.300	1.294	0.632
SSC-072L-11			88.90	1.249	63.599	37.98	18.20			3.500	7.132	14.298	1.495	0.717
SSC-072L-12			101.60	1.088	63.637	43.11	20.30			4.000	6.213	14.307	1.697	0.799

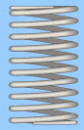
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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-080L-1			19.05	10.591	84.304	11.09	6.90			0.750	60.477	18.953	0.437	0.272
SSC-080L-2			25.40	7.639	84.335	14.36	8.40			1.000	43.620	18.960	0.565	0.331
SSC-080L-3			31.75	5.933	84.308	17.54	9.55			1.250	33.879	18.954	0.691	0.376
SSC-080L-4			38.10	4.835	84.322	20.66	10.75			1.500	27.609	18.957	0.813	0.423
SSC-080L-5			44.45	4.060	84.326	23.68	11.95			1.750	23.184	18.958	0.932	0.470
SSC-080L-6	24.64	2.03	50.80	3.521	84.328	26.85	13.15	0.970	0.080	2.000	20.106	18.958	1.057	0.518
SSC-080L-7			57.15	3.099	84.355	29.93	14.35			2.250	17.696	18.964	1.178	0.565
SSC-080L-8			63.50	2.765	84.333	33.00	15.55			2.500	15.789	18.959	1.299	0.612
SSC-080L-9			69.85	2.501	84.359	36.12	16.75			2.750	14.282	18.965	1.422	0.659
SSC-080L-10			76.20	2.275	84.334	39.13	17.95			3.000	12.991	18.960	1.541	0.707
SSC-080L-11			88.90	1.942	84.360	45.46	20.30			3.500	11.090	18.965	1.790	0.799
SSC-080L-12			101.60	1.691	84.364	51.71	22.70			4.000	9.656	18.966	2.036	0.894
SSC-085L-1			25.40	10.058	100.882	15.37	8.55			1.000	57.433	22.680	0.605	0.337
SSC-085L-2			31.75	7.731	100.890	18.70	9.85			1.250	44.146	22.681	0.736	0.388
SSC-085L-3			38.10	6.276	100.855	22.03	11.10			1.500	35.837	22.674	0.867	0.437
SSC-085L-4			44.45	5.283	100.905	25.35	12.40			1.750	30.167	22.685	0.998	0.488
SSC-085L-5			50.80	4.562	100.866	28.69	13.70			2.000	26.050	22.676	1.130	0.539
SSC-085L-6	24.64	2.16	57.15	4.014	100.912	32.01	14.95	0.970	0.085	2.250	22.921	22.686	1.260	0.589
SSC-085L-7			63.50	3.583	100.897	35.34	16.25			2.500	20.460	22.683	1.391	0.640
SSC-085L-8			69.85	3.236	100.898	38.67	17.50			2.750	18.479	22.683	1.522	0.689
SSC-085L-9			76.20	2.949	100.885	41.99	18.80			3.000	16.840	22.680	1.653	0.740
SSC-085L-10			88.90	2.508	100.922	48.66	21.35			3.500	14.322	22.689	1.916	0.841
SSC-085L-11			101.60	2.181	100.893	55.34	23.90			4.000	12.454	22.682	2.179	0.941
SSC-095L-00			25.40	13.429	140.064	14.97	10.60			1.000	76.682	31.488	0.589	0.417
SSC-095L-0			31.75	10.205	140.013	18.03	12.30			1.250	58.273	31.477	0.710	0.484
SSC-095L-1			38.10	8.275	140.096	21.17	14.00			1.500	47.252	31.495	0.833	0.551
SSC-095L-2			44.45	6.958	140.065	24.32	15.70			1.750	39.732	31.488	0.957	0.618
SSC-095L-3			50.80	6.007	140.083	27.48	17.40			2.000	34.301	31.492	1.082	0.685
SSC-095L-4	24.64	2.41	57.15	5.279	140.105	30.61	19.05	0.970	0.095	2.250	30.144	31.497	1.205	0.750
SSC-095L-5			63.50	4.711	140.105	33.76	20.75			2.500	26.901	31.497	1.329	0.817
SSC-095L-6			69.85	4.252	140.103	36.90	22.45			2.750	24.280	31.497	1.453	0.884
SSC-095L-7			76.20	3.876	140.117	40.05	24.15			3.000	22.133	31.500	1.577	0.951
SSC-095L-8			88.90	3.284	140.095	46.24	27.65			3.500	18.753	31.495	1.820	1.089
SSC-095L-9			101.60	2.844	140.095	52.34	31.05			4.000	16.240	31.495	2.061	1.222
SSC-112L-0			31.75	18.388	220.288	19.77	15.35			1.250	104.999	49.523	0.778	0.604
SSC-112L-1			38.10	14.886	220.313	23.30	18.60			1.500	85.002	49.529	0.917	0.732
SSC-112L-2			44.45	12.434	220.330	26.73	21.45			1.750	71.000	49.533	1.052	0.844
SSC-112L-3			50.80	10.683	220.390	30.17	24.05			2.000	61.002	49.546	1.188	0.947
SSC-112L-4	24.64	2.84	57.15	9.457	220.348	33.85	26.30	0.970	0.112	2.250	54.001	49.537	1.333	1.035
SSC-112L-5			63.50	8.231	220.344	36.73	29.15			2.500	47.001	49.536	1.446	1.148
SSC-112L-6			69.85	7.522	220.395	40.55	31.40			2.750	42.952	49.547	1.596	1.236
SSC-112L-7			76.20	6.830	220.404	43.93	34.25			3.000	39.001	49.549	1.730	1.348
SSC-112L-8			88.90	5.766	220.377	50.68	39.75			3.500	32.925	49.543	1.995	1.565
SSC-112L-9			101.60	5.015	220.409	57.65	41.50			4.000	28.637	49.550	2.270	1.634

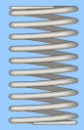
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	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-120L-0			38.10	19.907	261.180	24.98	19.95			1.500	113.672	58.716	0.983	0.785
SSC-120L-1			44.45	16.637	261.201	28.75	23.00			1.750	95.000	58.721	1.132	0.906
SSC-120L-2			50.80	14.360	261.208	32.61	25.80			2.000	81.998	58.722	1.284	1.016
SSC-120L-3	24.64	3.05	57.15	12.434	261.238	36.14	28.80	0.970	0.120	2.250	71.000	58.729	1.423	1.134
SSC-120L-4			63.50	11.208	261.258	40.19	31.85			2.500	64.000	58.734	1.582	1.254
SSC-120L-5			76.20	9.107	261.280	47.51	37.00			3.000	52.003	58.739	1.870	1.457
SSC-120L-6			88.90	7.706	261.310	54.99	42.80			3.500	44.003	58.745	2.165	1.685
SSC-120L-7			101.60	6.649	261.306	62.30	48.90			4.000	37.967	58.744	2.453	1.925
SSC-125L-1			38.10	24.205	294.333	25.94	19.70			1.500	138.215	66.169	1.021	0.776
SSC-125L-2			44.45	20.169	294.266	29.86	22.40			1.750	115.168	66.154	1.176	0.882
SSC-125L-3			50.80	17.289	294.432	33.77	25.05			2.000	98.723	66.191	1.330	0.986
SSC-125L-4	24.64	3.18	57.15	15.128	294.391	37.69	27.75	0.970	0.125	2.250	86.384	66.182	1.484	1.093
SSC-125L-5			63.50	13.447	294.355	41.61	30.40			2.500	76.785	66.174	1.638	1.197
SSC-125L-6			76.20	11.001	294.387	49.44	35.75			3.000	62.818	66.181	1.946	1.407
SSC-125L-7			88.90	9.310	294.382	57.28	41.10			3.500	53.162	66.180	2.255	1.618
SSC-125L-8			101.60	8.068	294.401	65.11	46.45			4.000	46.070	66.185	2.563	1.829
SSC-135L-1			38.10	31.523	368.189	26.42	23.15			1.500	180.001	82.773	1.040	0.911
SSC-135L-2			44.45	26.199	368.358	30.39	26.40			1.750	149.601	82.811	1.196	1.039
SSC-135L-3			50.80	22.416	368.295	34.37	29.70			2.000	127.999	82.796	1.353	1.169
SSC-135L-4	24.64	3.43	57.15	19.579	368.281	38.34	32.95	0.970	0.135	2.250	111.799	82.793	1.509	1.297
SSC-135L-5			63.50	17.390	368.320	42.32	36.25			2.500	99.300	82.802	1.666	1.427
SSC-135L-6			76.20	14.203	368.426	50.26	42.75			3.000	81.102	82.826	1.979	1.683
SSC-135L-7			88.90	12.014	368.349	58.24	49.35			3.500	68.602	82.809	2.293	1.943
SSC-135L-8			101.60	10.403	368.370	66.19	55.85			4.000	59.403	82.813	2.606	2.199
SSC-250200-1			40.50	3.826	79.313	19.77	11.00			1.594	21.848	17.831	0.778	0.433
SSC-250200-2			62.50	2.435	79.332	29.92	15.00			2.461	13.905	17.835	1.178	0.591
SSC-250200-3	25.00	2.00	75.00	1.961	79.355	34.54	17.32	0.984	0.079	2.953	11.200	17.840	1.360	0.682
SSC-250200-4			95.50	1.575	79.317	45.14	21.00			3.760	8.994	17.832	1.777	0.827
SSC-250200-5			139.60	1.071	79.286	65.57	29.00			5.496	6.116	17.825	2.581	1.142
SSC-270200-1			58.00	2.978	75.879	32.52	10.83			2.283	17.005	17.059	1.280	0.426
SSC-270200-2			88.50	1.898	75.844	48.54	14.71			3.484	10.838	17.051	1.911	0.579
SSC-270200-3	27.00	2.00	125.00	1.323	75.887	67.64	19.36	1.063	0.079	4.921	7.555	17.061	2.663	0.762
SSC-270200-4			135.00	1.228	75.817	73.26	20.54			5.315	7.013	17.045	2.884	0.809
SSC-270200-5			195.00	0.829	75.845	103.51	28.51			7.677	4.734	17.051	4.075	1.122
SSC-270200-6			290.00	0.569	75.808	156.77	39.69			11.417	3.250	17.043	6.172	1.563
SSC-275250-1			49.00	7.288	140.075	29.78	13.52			1.929	41.616	31.491	1.172	0.532
SSC-275250-2			74.50	4.638	140.068	44.30	18.38			2.933	26.484	31.489	1.744	0.724
SSC-275250-3	27.50	2.50	115.00	2.998	140.037	68.29	25.69	1.083	0.098	4.528	17.120	31.482	2.689	1.011
SSC-275250-4			165.00	2.038	139.990	96.31	35.43			6.496	11.638	31.472	3.792	1.395
SSC-275250-5			240.00	1.379	140.024	138.46	49.98			9.449	7.875	31.479	5.451	1.968

Spring rates and loads are for music wire.
For Stainless Steel, multiply figures shown by 0.833

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COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-082M-1			22.22	7.463	80.750	11.40	7.30			0.875	42.615	18.154	0.449	0.287
SSC-082M-2			25.40	6.306	80.780	12.59	8.10			1.000	36.009	18.161	0.496	0.319
SSC-082M-3			31.75	4.884	80.781	15.21	9.30			1.250	27.889	18.161	0.599	0.366
SSC-082M-4			38.10	3.972	80.790	17.76	10.40			1.500	22.681	18.163	0.699	0.409
SSC-082M-5	27.81	2.08	44.45	3.344	80.758	20.30	11.55	1.095	0.082	1.750	19.095	18.156	0.799	0.455
SSC-082M-6			50.80	2.893	80.773	22.88	12.65			2.000	16.520	18.159	0.901	0.498
SSC-082M-7			63.50	2.275	80.763	28.00	14.90			2.500	12.991	18.157	1.102	0.587
SSC-082M-8			76.20	1.873	80.782	33.07	17.10			3.000	10.696	18.161	1.302	0.673
SSC-082M-9			88.90	1.598	80.763	38.36	19.40			3.500	9.125	18.157	1.510	0.764
SSC-082M-10			101.60	1.383	80.795	43.18	21.60			4.000	7.898	18.164	1.700	0.850
SSC-093M-1			22.22	11.313	117.203	11.86	8.70			0.875	64.599	26.349	0.467	0.343
SSC-093M-2			25.40	9.561	117.218	13.14	9.70			1.000	54.595	26.352	0.517	0.382
SSC-093M-3			31.75	7.443	117.227	16.00	11.05			1.250	42.501	26.354	0.630	0.435
SSC-093M-4			38.10	6.007	117.257	18.58	12.50			1.500	34.301	26.361	0.731	0.492
SSC-093M-5	27.81	2.36	44.45	5.061	117.213	21.29	13.90	1.095	0.093	1.750	28.900	26.351	0.838	0.547
SSC-093M-6			50.80	4.361	117.224	23.92	15.35			2.000	24.902	26.353	0.942	0.604
SSC-093M-7			63.50	3.415	117.271	29.16	18.20			2.500	19.501	26.364	1.148	0.716
SSC-093M-8			76.20	2.802	117.264	34.35	21.05			3.000	16.000	26.362	1.352	0.829
SSC-093M-9			88.90	2.391	117.255	39.86	23.90			3.500	13.653	26.360	1.569	0.941
SSC-093M-10			101.60	2.073	117.249	45.04	26.75			4.000	11.838	26.359	1.773	1.053
SSC-105M-1			25.40	14.337	162.582	14.06	11.45			1.000	81.867	36.550	0.554	0.451
SSC-105M-2			31.75	10.875	162.690	16.79	13.35			1.250	62.098	36.575	0.661	0.526
SSC-105M-3			38.10	8.756	162.686	19.52	15.20			1.500	49.999	36.574	0.769	0.598
SSC-105M-4			44.45	7.355	162.693	22.33	17.00			1.750	41.999	36.575	0.879	0.669
SSC-105M-5	27.81	2.67	50.80	6.333	162.695	25.11	18.85	1.095	0.105	2.000	36.163	36.576	0.989	0.742
SSC-105M-6			63.50	4.945	162.691	30.60	22.60			2.500	28.237	36.575	1.205	0.890
SSC-105M-7			76.20	4.060	162.684	36.13	26.30			3.000	23.184	36.573	1.422	1.035
SSC-105M-8			88.90	3.442	162.669	41.64	30.00			3.500	19.655	36.570	1.639	1.181
SSC-105M-9			101.60	2.989	162.691	47.17	33.75			4.000	17.068	36.575	1.857	1.329
SSC-105M-10			114.30	2.640	162.703	52.67	37.45			4.500	15.075	36.578	2.074	1.474
SSC-112M-00			25.40	20.490	196.704	15.80	11.75			1.000	117.001	44.221	0.622	0.463
SSC-112M-0			38.10	12.474	196.715	22.33	15.45			1.500	71.229	44.224	0.879	0.608
SSC-112M-1			44.45	10.415	196.739	25.56	17.30			1.750	59.472	44.229	1.006	0.681
SSC-112M-2			50.80	8.959	196.740	28.84	19.20			2.000	51.158	44.229	1.135	0.756
SSC-112M-3	27.81	2.84	57.15	7.859	196.711	32.12	21.05	1.095	0.112	2.250	44.877	44.223	1.265	0.829
SSC-112M-4			63.50	6.943	196.765	35.16	23.00			2.500	39.646	44.235	1.384	0.906
SSC-112M-5			76.20	5.731	196.745	41.87	26.65			3.000	32.725	44.231	1.648	1.049
SSC-112M-6			88.90	4.862	196.765	48.43	30.35			3.500	27.763	44.235	1.907	1.195
SSC-112M-7			101.60	4.209	196.771	54.85	34.10			4.000	24.035	44.236	2.159	1.343
SSC-112M-8			114.30	3.720	196.788	61.40	37.85			4.500	21.242	44.240	2.417	1.490

Spring rates and loads are for music wire.
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COMPRESSION SPRINGS

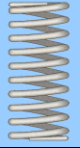
MUSIC WIRE AND STAINLESS STEEL



Part Number	Metric							Inches						
	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height	Outside Diameter	Wire Diameter	Free Length	Spring Rate	Load at L1	Loaded Length	Solid Height
	De	d	Lo	k	P1	L1	Ls	De	d	Lo	k	P1	L1	Ls
	mm	mm	mm	N/mm	N	mm	mm	in	in	in	lb/in	lbs	in	in
SSC-120M-1			25.40	26.792	233.358	16.69	12.75			1.000	152.987	52.462	0.657	0.502
SSC-120M-2			38.10	16.201	233.456	23.69	17.00			1.500	92.511	52.484	0.933	0.669
SSC-120M-3			44.45	13.523	233.407	27.19	19.00			1.750	77.219	52.472	1.070	0.748
SSC-120M-4			50.80	11.611	233.381	30.70	21.15			2.000	66.301	52.467	1.209	0.833
SSC-120M-5	27.81	3.05	57.15	10.160	233.477	34.17	23.25	1.095	0.120	2.250	58.016	52.488	1.345	0.915
SSC-120M-6			63.50	9.032	233.477	37.65	25.35			2.500	51.575	52.488	1.482	0.998
SSC-120M-7			76.20	7.404	233.448	44.67	29.55			3.000	42.278	52.482	1.759	1.163
SSC-120M-8			88.90	6.266	233.471	51.64	33.80			3.500	35.780	52.487	2.033	1.331
SSC-120M-9			101.60	5.433	233.456	58.63	38.05			4.000	31.024	52.483	2.308	1.498
SSC-120M-10			114.30	4.786	233.509	65.51	42.30			4.500	27.329	52.495	2.579	1.665
SSC-125M-0			38.10	19.579	263.142	24.66	17.15			1.500	111.799	59.157	0.971	0.675
SSC-125M-1			44.45	15.902	263.178	27.90	19.50			1.750	90.803	59.165	1.098	0.768
SSC-125M-2			50.80	13.818	263.095	31.76	21.70			2.000	78.903	59.147	1.250	0.854
SSC-125M-3			57.15	12.066	263.159	35.34	24.25			2.250	68.899	59.161	1.391	0.955
SSC-125M-4	27.81	3.18	63.50	10.665	263.106	38.83	26.50	1.095	0.125	2.500	60.899	59.149	1.529	1.043
SSC-125M-5			76.20	8.739	263.219	46.08	30.30			3.000	49.901	59.174	1.814	1.193
SSC-125M-6			88.90	7.338	263.214	53.03	37.10			3.500	41.902	59.173	2.088	1.461
SSC-125M-7			101.60	6.305	263.171	59.86	39.80			4.000	36.003	59.164	2.357	1.567
SSC-125M-8			114.30	5.587	263.204	67.19	44.60			4.500	31.903	59.171	2.645	1.756
SSC-280160-1			55.00	1.036	38.860	17.49	8.80			2.165	5.916	8.737	0.689	0.346
SSC-280160-2			68.50	1.036	38.860	30.99	8.80			2.697	5.916	8.737	1.220	0.346
SSC-280160-3			85.00	0.659	38.848	26.05	12.00			3.346	3.763	8.734	1.026	0.472
SSC-280160-4	28.00	1.60	106.00	0.659	38.848	47.05	12.00	1.102	0.063	4.173	3.763	8.734	1.852	0.472
SSC-280160-5			130.00	0.428	38.995	38.89	16.80			5.118	2.444	8.767	1.531	0.661
SSC-280160-6			181.00	0.381	38.805	79.15	18.40			7.126	2.176	8.724	3.116	0.724
SSC-280160-7			206.00	0.268	38.761	61.37	24.80			8.110	1.531	8.714	2.416	0.976
SSC-280160-8			292.00	0.233	38.741	125.73	28.00			11.496	1.331	8.710	4.950	1.102
SSC-282320-1			42.50	19.535	265.871	28.89	17.32			1.673	111.548	59.771	1.137	0.682
SSC-282320-2			63.50	12.435	265.860	42.12	23.56			2.500	71.006	59.768	1.658	0.928
SSC-282320-3	28.20	3.20	94.50	8.045	265.887	61.45	32.92	1.110	0.126	3.720	45.939	59.774	2.419	1.296
SSC-282320-4			135.00	5.468	265.799	86.39	45.40			5.315	31.224	59.755	3.401	1.787
SSC-282320-5			200.00	3.695	265.781	128.07	64.11			7.874	21.099	59.751	5.042	2.524
SSC-112N-1			38.10	9.706	177.814	19.78	14.70			1.500	55.423	39.975	0.779	0.579
SSC-112N-2			50.80	6.974	177.837	25.30	18.15			2.000	39.823	39.980	0.996	0.715
SSC-112N-3	30.94	2.84	63.50	5.441	177.812	30.82	21.65	1.218	0.112	2.500	31.069	39.974	1.213	0.852
SSC-112N-4			76.20	4.462	177.855	36.34	25.10			3.000	25.479	39.984	1.431	0.988
SSC-112N-5			88.90	3.781	177.858	41.86	28.55			3.500	21.591	39.985	1.648	1.124
SSC-112N-6			101.60	3.280	177.842	47.38	32.00			4.000	18.730	39.981	1.865	1.260
SSC-125N-1			38.10	14.795	238.052	22.01	16.95			1.500	84.482	53.517	0.867	0.667
SSC-125N-2			50.80	10.567	238.075	28.27	21.10			2.000	60.340	53.522	1.113	0.831
SSC-125N-3	30.94	3.18	63.50	8.219	238.104	34.53	25.25	1.218	0.125	2.500	46.932	53.528	1.359	0.994
SSC-125N-4			76.20	6.725	238.132	40.79	29.45			3.000	38.401	53.535	1.606	1.159
SSC-125N-5			88.90	5.690	238.127	47.05	33.60			3.500	32.491	53.533	1.852	1.323
SSC-125N-6			101.60	4.932	238.166	53.31	37.75			4.000	28.163	53.542	2.099	1.486

Spring rates and loads are for music wire.
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Solid Height

The solid height of a spring shall generally be calculated from the following formula:-

Solid Height

$$L_s = Nt \times d \text{ (Closed \& Ground ends)}$$

$$L_s = (Nt+1)d \text{ (Closed \& Unground ends)}$$

Solid height of a compression spring is defined as the length of the spring when under sufficient load to bring all coils into contact with the adjacent coils and additional load causes no further deflection.

Basic formula used in designing springs - Compression Spring

$$\delta = \frac{8N_a D^3 P}{Gd^4} \quad \tau = \chi \tau_0$$

$$k = \frac{P}{\delta} = \frac{Gd^4}{8N_a D^3}$$

$$U = \frac{P\delta}{2} = \frac{k\delta^2}{2}$$

$$\tau_0 = \frac{8DP}{\pi d^3} \quad \tau_0 = \frac{Gd\delta}{\pi N_a D^2}$$

$$d = \sqrt[3]{\frac{DP}{\pi\tau_0}} = \sqrt[3]{\frac{8\chi DP}{\pi\tau}}$$

$$N_a = \frac{Gd^4\delta}{8D^3P} = \frac{Gd^4}{8D^3k}$$

Tolerances

Outside Diameter Size (mm)	Tolerance (mm)
1.20 – 2.36	+/- 0.08
2.37 – 6.10	+ 0.08 / - 0.13
6.11 – 7.59	+/- 0.13
7.60 – 12.70	+/- 0.20
12.71 – 21.59	+/- 0.38
21.60 – 28.58	+/- 0.51
28.59 – 30.94	+/- 0.64
30.95 – 37.08	+/- 0.76
37.09 – 42.85	+/- 1.02

- Ends squareness within 3°
- Spring rate: +/- 10%
- Solid height: +5% ,no lower limit

How to specify part number ?

For example, if you need part SSC-038D-3 and material is music wire. Please indicate SSC-038D-3M. If material is stainless steel, please indicate SSC-038D-3S.

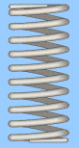
Table 1: Meaning of Symbol

Symbol	Meaning	Unit
d	Diameter of material	mm
Di	Inside diameter of a coil	mm
De	Outside diameter of a coil	mm
Dm	Mean diameter of a coil	mm
Na	Number of active turns	-
G	Modulus of transverse elasticity	kg/mm ² , lb/in ²
P	Load acting on spring	kg, lb
δ	Deflection of spring	mm
k	Spring constant	kg/mm, lb/in
τ ₀	Torsional stress	kg/mm ² , lb/in ²
τ	Corrected torsional	kg/mm ²
χ	Stress correction factor	-
U	Energy stored in spring	kg*mm ³
Lo	Free Length	mm
Ls	Solid Height	mm
s	Pitch	mm



COMPRESSION SPRINGS

MUSIC WIRE AND STAINLESS STEEL



NOTE :

All the part number that start with the following codes are only available in music wire. Stainless Steel products are available on request.

SSC-WR, SSC-WF, SSC-WL, SSC-WT, SSC-WM, SSC-WH, SSC-WB

For these series of compression springs, it is not advisable to compress the spring to the solid height L_s . The maximum allowable deflection for each type is listed in the chart. It is express as a percentage of the free length L_o .

Part Type	Maximum deflection
SSC-WR	60%
SSC-WF	45%
SSC-WL	40%
SSC-WT	40%
SSC-WM	35%
SSC-WH	30%
SSC-WB	25%

Conversions :

From	To	Multiplier
Meter	Inches	39.3701
Inches	Millimeter	25.4
Millimeter	Inches	0.0393
Newton	Kilogram	0.102
Newton	Pounds	0.22467
Newton	Gram	102
Pounds	Newton	4.448
Pounds	Kilogram	0.4536
Pounds	Gram	453.6
Gram	Newton	0.009807
Gram	Kilogram	0.001
Gram	Pounds	0.0022046
kg/mm	lb/in	55.998
kg/mm	N/mm	9.807
lb/in	kg/mm	0.017858
lb/in	N/mm	0.175133
N/mm	kg/mm	0.101968
N/mm	lb/in	5.7099
kg mm	lb in	0.086796
kg mm	N m	0.009807
lb in	kg mm	11.52125
lb in	N m	0.1129889
N m	kg mm	101.968
N m	lb in	8.850413