

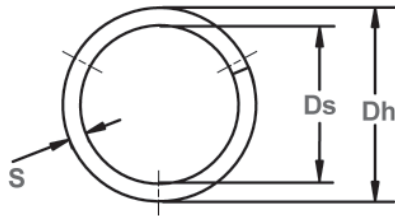


SST Wave Springs

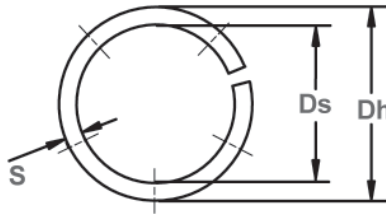
Single Turn, Inch

Ideal for short deflection applications with low to medium forces. Offered in a number of waves and material thicknesses. Designed for a wide range of bore and rod diameters.

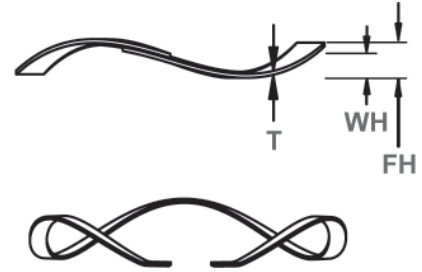
Wave Spring Measurements



Overlap: Sizes -50 to -162
3 Waves



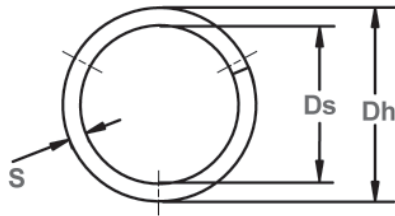
Gap: Sizes -175 & up
*Multiple Waves
(see table)



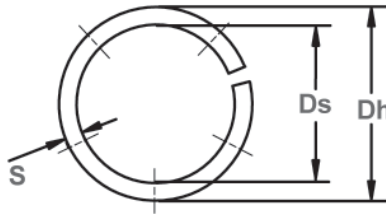
Optional End Design
(Patent Pending)

WAVE SPRING NO.	OPERATES IN HOUSING DIAMETER	SHAFT DIAMETER CLEARANCE	LOAD (lb)	WORK HEIGHT	FREE HEIGHT Ref.	NO. OF WAVES*	THICKNESS	SECTION	SPRING RATE Ref. Lb/in.
	Dh	Ds		WH	FH		T	S	
SST-50	.500	.400	7	.050	.085	3	.008	.040	200
SST-62	.625	.480	10	.050	.095	3	.010	.058	222
SST-75	.750	.500	14	.062	.160	3	.010	.078	143
SST-87	.875	.620	16	.062	.130	3	.012	.094	235
SST-100	1.000	.780	18	.062	.160	3	.012	.094	184
SST-112	1.125	.840	20	.078	.130	3	.016	.133	385
SST-125	1.250	.960	22	.078	.150	3	.016	.133	306
SST-137	1.375	1.090	24	.078	.190	3	.016	.133	214
SST-150	1.500	1.170	26	.078	.170	3	.018	.143	283
SST-162	1.625	1.310	28	.078	.200	3	.018	.143	230
SST-175	1.750	1.440	30	.078	.140	4	.018	.143	484
SST-187	1.875	1.560	32	.078	.150	4	.018	.143	444
SST-200	2.000	1.680	34	.093	.140	4	.024	.150	723
SST-212	2.125	1.800	36	.093	.150	4	.024	.150	632
SST-225	2.250	1.930	38	.093	.170	4	.024	.150	494
SST-237	2.375	1.990	40	.093	.160	4	.024	.178	597
SST-250	2.500	2.120	42	.093	.170	4	.024	.178	545
SST-262	2.625	2.240	44	.093	.190	4	.024	.178	454
SST-275	2.750	2.340	46	.109	.170	4	.030	.188	754
SST-287	2.875	2.470	48	.109	.180	4	.030	.188	676
SST-300	3.000	2.590	50	.109	.190	4	.030	.188	617
SST-312	3.125	2.710	52	.109	.210	4	.030	.188	515
SST-325	3.250	2.750	54	.109	.200	4	.030	.233	593
SST-337	3.375	2.840	56	.109	.220	4	.030	.233	505
SST-350	3.500	3.000	58	.109	.230	4	.030	.233	479
SST-362	3.625	3.120	60	.109	.240	4	.030	.233	458
SST-375	3.750	3.250	62	.109	.260	4	.030	.233	411
SST-387	3.875	3.370	64	.109	.300	4	.030	.233	335
SST-400	4.000	3.500	66	.109	.190	5	.030	.233	815
SST-412	4.125	3.620	67	.109	.200	5	.030	.233	736
SST-425	4.250	3.740	69	.109	.210	5	.030	.233	683
SST-437	4.375	3.860	70	.109	.210	5	.030	.233	693
SST-450	4.500	3.990	72	.109	.230	5	.030	.233	595
SST-462	4.625	4.110	73	.125	.270	5	.030	.233	503
SST-475	4.750	4.240	75	.125	.310	5	.030	.233	405
SST-487	4.875	4.370	76	.125	.290	5	.030	.233	461

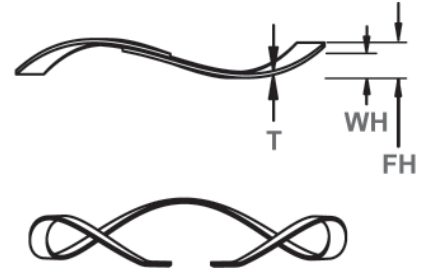
Wave Spring Measurements



Overlap: Sizes -50 to -162
3 Waves



Gap: Sizes -175 & up
*Multiple Waves
(see table)



Optional End Design
(Patent Pending)

WAVE SPRING NO.	OPERATES IN HOUSING DIAMETER		SHAFT DIAMETER CLEARANCE	LOAD (lb)	WORK HEIGHT		FREE HEIGHT Ref.	NO. OF WAVES*	THICKNESS	SECTION	SPRING RATE Ref. Lb/in.
	Dh	Ds			WH	FH			T	S	
SST-500	5.000	4.490		78	.125	.310	5	.030	.233	422	
SST-512	5.125	4.610		80	.125	.340	5	.030	.233	372	
SST-525	5.250	4.740		82	.125	.370	5	.030	.233	335	
SST-537	5.375	4.860		84	.125	.380	5	.030	.233	329	
SST-550	5.500	4.990		86	.125	.250	6	.030	.233	688	
SST-562	5.625	5.110		88	.125	.270	6	.030	.233	607	
SST-575	5.750	5.240		90	.125	.280	6	.030	.233	581	
SST-587	5.875	5.360		92	.125	.300	6	.030	.233	526	
SST-600	6.000	5.490		94	.125	.300	6	.030	.233	537	
SST-612	6.125	5.610		96	.125	.310	6	.030	.233	519	
SST-625	6.250	5.730		98	.125	.340	6	.030	.233	456	
SST-637	6.375	5.860		100	.125	.350	6	.030	.233	444	
SST-650	6.500	5.980		102	.125	.390	6	.030	.233	385	
SST-675	6.750	6.230		104	.125	.420	6	.030	.233	353	
SST-700	7.000	6.160		106	.156	.320	6	.032	.375	646	
SST-725	7.250	6.440		108	.156	.350	6	.032	.375	557	
SST-750	7.500	6.690		110	.156	.360	6	.032	.375	539	
SST-775	7.750	6.940		114	.156	.380	6	.032	.375	509	
SST-800	8.000	7.190		118	.156	.390	6	.032	.375	504	
SST-825	8.250	7.440		122	.156	.430	6	.032	.375	445	
SST-850	8.500	7.680		126	.156	.340	7	.032	.375	685	
SST-875	8.750	7.930		130	.156	.340	7	.032	.375	707	
SST-900	9.000	8.180		134	.156	.290	8	.032	.375	1,000	
SST-950	9.500	8.680		142	.156	.240	9	.032	.375	1,690	
SST-1000	10.000	9.170		150	.156	.290	9	.032	.375	1,119	
SST-1050	10.500	9.670		158	.156	.310	9	.032	.375	1,026	
SST-1100	11.000	10.170		166	.156	.350	9	.032	.375	856	
SST-1150	11.500	10.660		174	.156	.360	9	.032	.375	853	
SST-1200	12.000	11.160		182	.156	.440	9	.032	.375	641	
SST-1250	12.500	11.660		190	.156	.350	10	.032	.375	979	
SST-1300	13.000	12.160		198	.156	.410	10	.032	.375	780	
SST-1350	13.500	12.650		206	.156	.430	10	.032	.375	752	
SST-1400	14.000	13.150		214	.156	.300	12	.032	.375	1,486	
SST-1450	14.500	13.650		221	.156	.320	12	.032	.375	1,348	
SST-1500	15.000	14.130		230	.156	.350	12	.032	.375	1,186	
SST-1550	15.500	14.640		239	.156	.310	13	.032	.375	1,552	
SST-1600	16.000	15.140		248	.156	.340	13	.032	.375	1,348	