

Smalley narrow section wave springs were originally designed to pre-load packings in telescoping hydraulic cylinders. They have also found other applications where working space is highly limited. This Smalley Wave Spring series is designed to fit into a bore with a light snap to assure perfect concentricity between the wave spring and assembly. When these narrow section wave springs are compressed, radial expansion is taken up by the gap in the spring to eliminate binding.

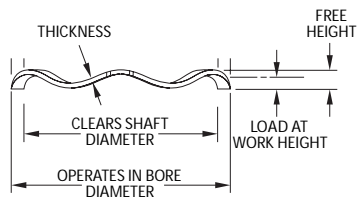
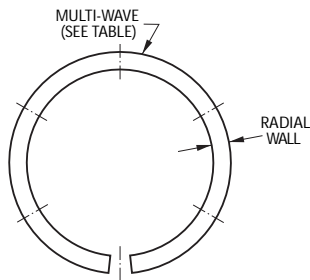
Stock Items in carbon steel and 17-7 PH/C stainless steel. Springs listed below are 4 waves and up, **Gap Type**.

GAP TYPE

SSR-0325-N to SSR-0775-N

Product Dimensions

All dimensions in inches unless otherwise specified.



Smalley Part Number ^{1,4}	Operates in Bore Diameter	Clears Shaft Diameter	Load (lb)	Work Height	Free Height ²	Number of Waves	Thickness	Radial Wall	Spring Rate ^{2,3}
SSR-0325-N	3.250	2.820	54	.109	.200	4	.030	.188	593
SSR-0337-N	3.375	2.940	56	.109	.220	4	.030	.188	505
SSR-0350-N	3.500	3.070	58	.109	.260	4	.030	.188	384
SSR-0362-N	3.625	3.190	60	.109	.270	4	.030	.188	373
SSR-0375-N	3.750	3.320	62	.109	.280	4	.030	.188	363
SSR-0387-N	3.875	3.440	64	.109	.310	4	.030	.188	318
SSR-0400-N	4.000	3.570	66	.109	.200	5	.030	.188	725
SSR-0412-N	4.125	3.690	67	.109	.200	5	.030	.188	736
SSR-0425-N	4.250	3.820	69	.109	.240	5	.030	.188	527
SSR-0437-N	4.375	3.940	70	.109	.210	5	.030	.188	693
SSR-0450-N	4.500	4.070	72	.109	.280	5	.030	.188	421
SSR-0462-N	4.625	4.190	73	.125	.270	5	.030	.188	503
SSR-0475-N	4.750	4.320	75	.125	.320	5	.030	.188	385
SSR-0487-N	4.875	4.440	76	.125	.320	5	.030	.188	390
SSR-0500-N	5.000	4.570	78	.125	.350	5	.030	.188	347
SSR-0512-N	5.125	4.690	80	.125	.350	5	.030	.188	356
SSR-0525-N	5.250	4.820	82	.125	.360	5	.030	.188	349
SSR-0537-N	5.375	4.940	84	.125	.440	5	.030	.188	267
SSR-0550-N	5.500	5.070	86	.125	.280	6	.030	.188	555
SSR-0562-N	5.625	5.190	88	.125	.290	6	.030	.188	533
SSR-0575-N	5.750	5.320	90	.125	.340	6	.030	.188	419
SSR-0587-N	5.875	5.440	92	.125	.340	6	.030	.188	428
SSR-0600-N	6.000	5.570	94	.125	.340	6	.030	.188	437
SSR-0612-N	6.125	5.690	96	.125	.280	7	.030	.188	619
SSR-0625-N	6.250	5.820	98	.125	.280	7	.030	.188	632
SSR-0637-N	6.375	5.940	100	.125	.300	7	.030	.188	571
SSR-0650-N	6.500	6.070	102	.125	.300	7	.030	.188	583
SSR-0675-N	6.750	6.320	104	.125	.300	7	.030	.188	594
SSR-0700-N	7.000	6.480	106	.156	.320	7	.030	.233	646
SSR-0725-N	7.250	6.730	108	.156	.330	7	.030	.233	621
SSR-0750-N	7.500	6.980	110	.156	.360	7	.030	.233	539
SSR-0775-N	7.750	7.230	114	.156	.380	7	.030	.233	509

¹ Add suffix "-S17" for 17-7 stainless steel.

² Reference dimension.

³ Spring rate is measured in lb/in.

⁴ See pages 106-107 for How to Order.

