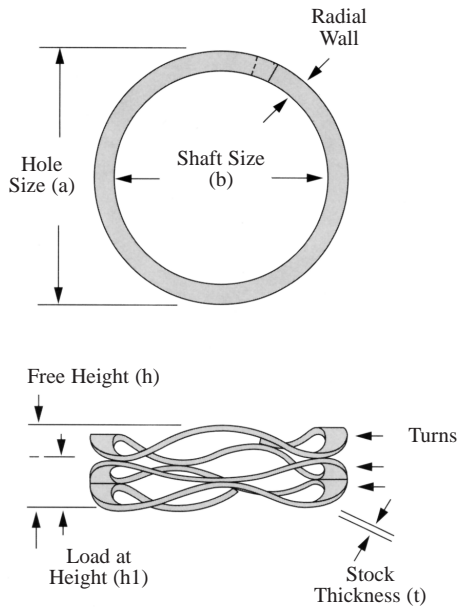


Multiwave Compression Springs



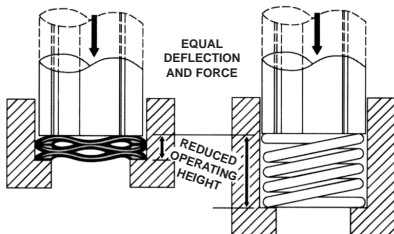
Unique Manufacturing

A single filament of round-edge, pre-tempered, flat wire is used to form the springs from a continuous coil. This results in uniform diameters and wave heights.



Stock and Custom Sizes in Stainless Steel

Multiwave springs replace conventional round wire springs when space is critical; they will occupy only 1/3 to 1/2 of the compressed height space of a traditional round wire spring, while providing more deflection with the same load specifications.



Material

- Stainless steel
- Commercial Type 17-7 PH.
- This material is slightly magnetic and comes with a plain finish.
- Maximum application temperature is 650° F (340°C).
- Certificate of Compliance available upon request.
- Design Comparison

Suggested Uses

All applications requiring tight load deflection specifications where space is critical.

CATALOG NUMBER	Fits in Hole Size (a)	Shaft (b)	Stock Thickness (t)	Free Height Approx. (h)	Load Height (h1)	Nominal Load at Height (h1)	Spring Rate
	mm	mm	mm	mm	mm	N	N/mm
MW0375-0150-04S	9.5	6.4	0.2	3.8	1.58	17.8	7.9
MW0375-0250-04S	9.5	6.4	0.2	6.4	2.74	17.8	4.9
MW0375-0350-04S	9.5	6.4	0.2	8.9	3.81	17.8	3.5
MW0375-0450-04S	9.5	6.4	0.2	11.4	4.95	17.8	2.8
MW0375-0150-07S	9.5	6.4	0.3	3.8	2.06	31.1	7.9
MW0375-0250-07S	9.5	6.4	0.3	6.4	3.68	31.1	4.9
MW0375-0350-07S	9.5	6.4	0.3	8.9	5.13	31.1	3.5
MW0375-0450-07S	9.5	6.4	0.3	11.4	6.66	31.1	2.8
MW0437-0165-04S	11.1	7.1	0.2	4.2	1.6	17.8	6.8
MW0437-0275-04S	11.1	7.1	0.2	7	2.77	17.8	4.2
MW0437-0385-04S	11.1	7.1	0.2	9.8	4.06	17.8	3.2
MW0437-0165-08S	11.1	7.1	0.3	4.2	2.08	62.3	16.8
MW0437-0275-08S	11.1	7.1	0.3	7	3.61	62.3	10.5
MW0437-0385-08S	11.1	7.1	0.3	9.8	5.03	62.3	7.5
MW0500-0180-05S	12.7	7.9	0.2	4.6	1.58	22.2	7.4
MW0500-0300-05S	12.7	7.9	0.2	7.6	2.72	22.2	4.6
MW0500-0420-05S	12.7	7.9	0.2	10.7	3.81	22.2	3.3
MW0500-0180-10S	12.7	7.9	0.3	4.6	1.65	44.5	15.2
MW0500-0300-10S	12.7	7.9	0.3	7.6	2.9	44.5	9.5
MW0500-0420-10S	12.7	7.9	0.3	10.7	4.11	44.5	6.8
MW0562-0195-05S	14.3	9.5	0.2	5	2.03	22.2	7.5
MW0562-0325-05S	14.3	9.5	0.2	8.3	3.43	22.2	4.6
MW0562-0455-05S	14.3	9.5	0.2	11.6	4.83	22.2	3.3
MW0562-0195-11S	14.3	9.5	0.3	5	2.18	48.9	17.7
MW0562-0325-11S	14.3	9.5	0.3	8.3	3.68	48.9	10.7
MW0562-0455-11S	14.3	9.5	0.3	11.6	5.31	48.9	7.9
MW0625-0180-06S	15.9	11.4	0.3	4.6	1.4	26.7	8.4
MW0625-0300-06S	15.9	11.4	0.3	7.6	2.16	26.7	4.9
MW0625-0420-06S	15.9	11.4	0.3	10.7	3.25	26.7	3.7
MW0625-0780-06S	15.9	11.4	0.3	19.8	6.05	26.7	1.9
MW0625-0180-12S	15.9	11.4	0.3	4.6	2.64	53.4	27.7
MW0625-0300-12S	15.9	11.4	0.3	7.6	4.45	53.4	16.8
MW0625-0420-12S	15.9	11.4	0.3	10.7	6.25	53.4	12.1
MW0625-0780-12S	15.9	11.4	0.3	19.8	11.53	53.4	6.5
MW0750-0250-07S	19.1	14	0.2	6.4	3.61	31.1	11.4
MW0750-0417-07S	19.1	14	0.2	10.6	6.25	31.1	7.2
MW0750-0250-13S	19.1	14	0.3	6.4	4.04	57.8	25
MW0750-0417-13S	19.1	14	0.3	10.6	6.86	57.8	15.4
MW0750-0250-22S	19.1	14	0.3	6.4	4.29	97.9	47.6
MW0750-0417-22S	19.1	14	0.3	10.6	7.39	97.9	30.6
MW0875-0250-12S	22.2	15.2	0.3	6.4	2.97	53.4	15.8
MW0875-0417-12S	22.2	15.2	0.3	10.6	5.26	53.4	10
MW0875-0250-18S	22.2	15.2	0.3	6.4	3.15	80.1	25.9
MW0875-0417-18S	22.2	15.2	0.3	10.6	5.44	80.1	15.6
MW0875-0250-25S	22.2	15.2	0.4	6.4	4.22	111.2	52.2
MW0875-0417-25S	22.2	15.2	0.4	10.6	7.06	111.2	31.5
MW0875-0583-25S	22.2	15.2	0.4	14.8	10.03	111.2	23.3
MW1000-0250-12S	25.4	18.5	0.3	6.4	2.13	53.4	12.6
MW1000-0417-12S	25.4	18.5	0.3	10.6	3.68	53.4	7.7
MW1000-0583-12S	25.4	18.5	0.3	14.8	5.11	53.4	5.4
MW1000-0250-18S	25.4	18.5	0.3	6.4	2.21	80.1	19.3
MW1000-0417-18S	25.4	18.5	0.3	10.6	3.76	80.1	11.7
MW1000-0583-18S	25.4	18.5	0.3	14.8	5.39	80.1	8.6
MW1000-0250-25S	25.4	18.5	0.4	6.4	3.33	111.2	36.8
MW1000-0417-25S	25.4	18.5	0.4	10.6	5.77	111.2	23.1
MW1000-0583-25S	25.4	18.5	0.4	14.8	8.1	111.2	16.6

