

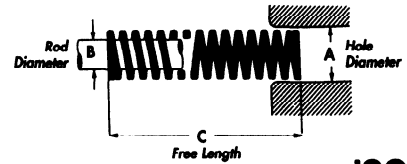


READY SuperSprings™



HEAVY LOAD

Vacuum degassed,
valve spring quality alloy steel



Sizes: 3/8" to 5/8"

Round and Rectangular Wire Construction

ISO
Color: Red

Hole Dia. in.	Rod Dia. in.	Free Length in.	CATALOG NUMBER	RATE Pounds Required to Deflect 1/10 in.	LOAD - DEFLECTION TABLE							
					Total Deflection Recommended for Long Life (20% of C)		Total Deflection Recommended for Average Life (25% of C)		Maximum Operating Deflection (30% of C)		Total Travel to Solid	
					Load lbs.	Deflection inches	Load lbs.	Deflection inches	Load lbs.	Deflection inches	Load lbs.	Deflection inches
Round Wire Construction												
3/8	3/16	1	9-0604-H	12.03	24.03	0.20	30.06	0.24	36.06	0.30	42.72	0.35
		1 1/4	9-0605-H	9.27	23.70	0.26	29.61	0.31	35.54	0.38	43.39	0.46
		1 1/2	9-0606-H	7.48	22.75	0.30	28.42	0.37	34.11	0.43	41.82	0.55
		1 3/4	9-0607-H	6.58	23.07	0.35	28.82	0.43	34.58	0.51	44.51	0.67
		2	9-0608-H	5.51	22.50	0.39	28.12	0.51	33.75	0.59	41.82	0.75
		2 1/2	9-0610-H	4.33	22.17	0.51	27.72	0.63	33.25	0.75	43.39	0.98
		3	9-0612-H	3.54	21.54	0.59	26.93	0.75	32.33	0.91	41.14	1.14
		12	9-0648-H	0.84	20.91	2.40	26.15	2.99	31.36	3.58	41.14	4.72
1/2	9/32	1	9-0804-H	22.14	44.29	0.20	55.37	0.24	66.43	0.30	77.11	0.34
		1 1/4	9-0805-H	16.92	43.35	0.26	54.18	0.31	65.02	0.38	74.42	0.43
		1 1/2	9-0806-H	13.60	41.30	0.30	51.62	0.37	61.94	0.43	73.29	0.53
		1 3/4	9-0807-H	11.30	39.84	0.35	49.80	0.43	59.76	0.51	72.39	0.63
		2	9-0808-H	9.95	40.56	0.39	50.70	0.51	60.84	0.59	75.54	0.75
		2 1/2	9-0810-H	7.76	39.84	0.51	49.78	0.63	59.73	0.75	74.64	0.94
		3	9-0812-H	6.41	38.92	0.59	48.63	0.75	58.36	0.91	74.19	1.14
		3 1/2	9-0814-H	5.40	38.53	0.71	48.18	0.87	57.80	1.06	71.49	1.30
		12	9-0848-H	1.52	36.76	2.40	45.95	2.99	55.13	3.58	72.39	4.72
5/8	11/32	1	9-1004-H	48.84	97.73	0.20	122.17	0.24	146.61	0.30	169.96	0.34
		1 1/4	9-1005-H	35.80	91.68	0.26	114.61	0.31	137.54	0.38	157.60	0.43
		1 1/2	9-1006-H	29.06	88.35	0.30	110.43	0.37	132.51	0.43	159.17	0.54
		1 3/4	9-1007-H	23.61	83.16	0.35	103.93	0.43	124.73	0.51	148.38	0.62
		2	9-1008-H	20.57	83.90	0.39	104.88	0.51	125.85	0.59	152.20	0.73
		2 1/2	9-1010-H	15.91	81.36	0.51	101.69	0.63	122.03	0.75	149.28	0.93
		3	9-1012-H	12.98	79.09	0.59	98.88	0.75	118.64	0.91	150.85	1.14
		3 1/2	9-1014-H	11.07	78.66	0.71	98.34	0.87	118.01	1.06	152.43	1.36
		4	9-1016-H	9.67	78.89	0.79	98.61	1.02	118.32	1.22	154.68	1.57
		12	9-1048-H	3.04	74.33	2.40	92.92	2.99	111.49	3.58	148.61	4.80
Rectangular Wire Construction												
3/8	3/16	1	9-0604-HE	4.95	24.75	0.20	30.93	0.24	37.14	0.30	44.13	0.35
		1 1/4	9-0605-HE	3.92	25.09	0.26	31.36	0.31	37.63	0.38	45.92	0.46
		1 1/2	9-0606-HE	3.83	29.12	0.30	36.40	0.37	43.66	0.43	53.54	0.55
		1 3/4	9-0607-HE	3.36	29.57	0.35	36.96	0.43	44.35	0.51	57.12	0.67
		2	9-0608-HE	2.87	29.25	0.39	36.56	0.51	43.86	0.59	54.43	0.75
		2 1/2	9-0610-HE	2.40	30.69	0.51	38.35	0.63	46.01	0.75	60.03	0.98
		3	9-0612-HE	1.68	25.54	0.59	31.92	0.75	38.30	0.91	48.83	1.14
		12	9-0648-HE	0.47	28.69	2.40	35.86	2.99	43.05	3.58	56.45	4.72
1/2	9/32	1	9-0804-HE	9.43	47.15	0.20	58.93	0.24	70.74	0.30	81.98	0.34
		1 1/4	9-0805-HE	7.44	47.60	0.26	59.49	0.31	71.39	0.38	81.76	0.43
		1 1/2	9-0806-HE	6.56	49.88	0.30	62.36	0.37	74.82	0.43	88.70	0.53
		1 3/4	9-0807-HE	5.51	48.50	0.35	60.61	0.43	72.73	0.51	88.26	0.63
		2	9-0808-HE	4.39	44.78	0.39	55.98	0.51	67.18	0.59	83.33	0.75
		2 1/2	9-0810-HE	3.36	43.01	0.51	53.76	0.63	64.51	0.75	80.64	0.94
		3	9-0812-HE	2.96	44.93	0.59	56.18	0.75	67.42	0.91	85.79	1.14
		3 1/2	9-0814-HE	2.55	45.45	0.71	56.83	0.87	68.19	1.06	84.22	1.30
		12	9-0848-HE	0.63	38.26	2.40	47.82	2.99	57.39	3.58	75.26	4.72
5/8	11/32	1	9-1004-HE	16.96	84.78	0.20	105.97	0.24	127.19	0.30	147.61	0.34
		1 1/4	9-1005-HE	11.83	75.69	0.26	94.62	0.31	113.55	0.38	130.14	0.43
		1 1/2	9-1006-HE	10.86	82.57	0.30	103.22	0.37	123.85	0.43	148.74	0.54
		1 3/4	9-1007-HE	9.59	84.36	0.35	105.46	0.43	126.56	0.51	150.53	0.62
		2	9-1008-HE	8.31	84.76	0.39	105.95	0.51	127.14	0.59	153.66	0.73
		2 1/2	9-1010-HE	6.79	86.87	0.51	108.60	0.63	130.32	0.75	159.49	0.93
		3	9-1012-HE	5.76	87.49	0.59	109.38	0.75	131.26	0.91	166.88	1.14
		3 1/2	9-1014-HE	4.86	86.53	0.71	108.15	0.87	129.79	1.06	167.78	1.36
		4	9-1016-HE	4.32	88.19	0.79	110.25	1.02	132.29	1.22	172.93	1.57
		12	9-1048-HE	1.59	97.01	2.40	121.27	2.99	145.53	3.58	193.98	4.80