



# SPRINGMAX™ DIE SPRINGS

Your Choice  
for Longer  
Spring Life



*Strength. Performance. Innovation.*

# MAXIMIZE PERFORMANCE WITH SPRINGMAX™ DIE SPRINGS.



***The quality of a die spring can greatly enhance or diminish the performance of a stamping line. SpringMax™ die springs by Wilson Tool are manufactured to deliver consistently superior performance, longer. A simple design and high quality materials combine to make SpringMax die springs the better choice for longer spring life.***



### Simply Designed Better.

SpringMax die springs are engineered with a simple design. Rectangular sections with rounded corners take advantage of available space between coils, allowing more wire per spring. Significantly reducing stress and increasing spring life by several times that of other die springs. The coils are stress relieved and then compressed to solid for enhanced strength. High speed coiling on state-of-the-art coiling machines guarantees consistency in quality and design.

### High Quality Materials for High Quality Results.

To ensure the highest quality product only the highest quality raw materials are used to manufacture SpringMax die springs. Pre-tempered chrome silicon wire improves dimensional accuracy and reduces the risk of failure from high stress cracking. Each spring is coated with vinyl for corrosion resistance.

### Color Coding Makes Identification Easy.

SpringMax die springs are color coded per ISO standards for quick and easy identification of duty rating. Refer to the color conversion chart for coding.

### Die Spring Color Conversion Chart

Associated Spring Raymond\*

BLUE	RED	YELLOW	GREEN
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Wilson SpringMax™

GREEN	BLUE	RED	YELLOW
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*\*Associated Spring Raymond is a trademark of Barnes Group, Inc. Wilson SpringMax is not affiliated in any way with Associated Spring Raymond or Barnes Group, Inc.*

### Quantity Price Breaks.

Quantity price breaks are available at: 1, 2, 3, 4, 5-9, 10-14, 15-34, 35+  
Non-stock items will require a bag quantity purchase.

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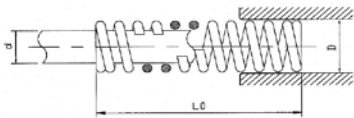


# MEDIUM LOAD SPRINGS

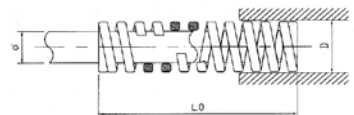
## SIZES 3/8" TO 2 1/2"

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (40% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>3/8" TO 5/8" ROUND WIRE CONSTRUCTION</b>									
3/8	3/16	1.00	2.54	M37-100	2.6	10.4	0.40	14.0	0.54
		1.25	31.8	M37-125	2.0	10.0	0.50	13.6	0.68
		1.50	38.1	M37-150	1.6	9.7	0.60	13.3	0.82
		1.75	44.4	M37-175	1.4	9.6	0.70	13.2	0.97
		2.00	50.8	M37-200	1.2	9.6	0.80	13.2	1.11
		2.50	63.5	M37-250	0.9	9.3	1.00	13.0	1.40
		3.00	76.2	M37-300	0.8	9.1	1.20	12.6	1.66
		12.00	304.8	M37-1200	0.2	8.6	4.80	11.9	6.62
1/2	9/32	1.00	25.4	M50-100	5.1	20.3	0.40	27.0	0.53
		1.25	31.8	M50-125	3.8	19.2	0.50	26.0	0.67
		1.50	38.1	M50-150	3.1	18.7	0.60	25.9	0.83
		1.75	44.4	M50-175	2.6	18.1	0.70	25.0	0.96
		2.00	50.8	M50-200	2.2	17.7	0.80	24.1	1.09
		2.50	63.5	M50-250	1.7	17.3	1.00	23.9	1.38
		3.00	76.2	M50-300	1.4	17.3	1.20	23.9	1.67
		12.00	304.8	M50-1200	0.3	16.1	4.80	22.5	6.70
5/8	11/32	1.00	25.4	M62-100	10.2	40.8	0.40	54.0	0.53
		1.25	31.8	M62-125	7.7	39.4	0.50	51.4	0.67
		1.50	38.1	M62-150	6.0	36.1	0.60	48.8	0.81
		1.75	44.4	M62-175	2.6	34.8	0.70	46.9	0.94
		2.00	50.8	M62-200	4.3	34.7	0.80	46.9	1.09
		2.50	63.5	M62-250	3.4	33.8	1.00	46.7	1.38
		3.00	76.2	M62-300	2.7	32.8	1.20	45.1	1.65
		12.00	304.8	M62-1200	0.6	30.5	4.80	42.9	6.75
<b>3/4" TO 1" RECTANGULAR WIRE CONSTRUCTION</b>									
3/4	3/8	1.00	25.4	M75-100	32.0	128	0.40	162	0.51
		1.25	31.8	M75-125	24.4	123	0.50	158	0.65
		1.50	38.1	M75-150	19.3	116	0.60	150	0.78
		1.75	44.4	M75-175	16.2	113	0.70	150	0.92
		2.00	50.8	M75-200	14.2	113	0.80	150	1.06
		2.50	63.5	M75-250	11.0	111	1.00	147	1.33
		3.00	76.2	M75-300	9.2	111	1.20	147	1.62
		3.50	88.9	M75-350	7.7	108	1.40	144	1.87
		4.00	101.6	M75-400	6.8	108	1.60	144	2.16
		4.50	114.3	M75-450	5.9	106	1.80	143	2.42
		5.00	127.0	M75-500	5.3	106	2.00	143	2.69
		12.00	304.8	M75-1200	2.2	104	4.80	140	6.48
1	1/2	1.00	25.4	M100-100	61.0	244	0.40	311	0.51
		1.25	31.8	M100-125	46.0	231	0.50	299	0.65
		1.50	38.1	M100-150	36.9	221	0.60	292	0.79
		1.75	44.4	M100-175	30.5	213	0.70	281	0.92
		2.00	50.8	M100-200	26.5	212	0.80	280	1.06
		2.50	63.5	M100-250	20.4	204	1.00	270	1.32
		3.00	76.2	M100-300	16.7	200	1.20	265	1.59
		3.50	88.9	M100-350	14.1	197	1.40	261	1.85
		4.00	101.6	M100-400	12.1	193	1.60	255	2.11
		4.50	114.3	M100-450	10.7	192	1.80	254	2.37
		5.00	127.0	M100-500	9.6	192	2.00	254	2.65
		12.00	304.8	M100-1200	4.0	192	4.80	255	6.50

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (40% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>1 1/4" TO 2 1/2" RECTANGULAR WIRE CONSTRUCTION</b>									
1 1/4	5/8	1.50	3.81	M125-150	57.8	347	0.60	433	0.75
		1.75	44.4	M125-175	47.5	332	0.70	415	0.87
		2.00	50.8	M125-200	40.7	325	0.80	411	1.01
		2.50	63.5	M125-250	31.4	315	1.00	400	1.26
		3.00	76.2	M125-300	26.2	315	1.20	400	1.53
		3.50	88.9	M125-350	22.2	311	1.40	400	1.80
		4.00	101.6	M125-400	19.2	307	1.60	397	2.07
		4.50	114.3	M125-450	16.9	304	1.80	397	2.35
		5.00	127.0	M125-500	15.0	300	2.00	390	2.60
		5.50	139.7	M125-550	13.5	297	2.20	386	2.86
		6.00	152.4	M125-600	12.3	295	2.40	383	3.11
		12.00	304.8	M125-1200	5.9	284	4.80	366	6.18
1 1/2	3/4	2.00	50.8	M150-200	60.3	483	0.80	609	1.01
		2.50	63.5	M150-250	45.8	458	1.00	582	1.27
		3.00	76.2	M150-300	37.6	451	1.20	575	1.53
		3.50	88.9	M150-350	31.8	445	1.40	572	1.80
		4.00	101.6	M150-400	27.3	437	1.60	565	2.07
		4.50	114.3	M150-450	24.1	433	1.80	561	2.33
		5.00	127.0	M150-500	21.6	432	2.00	559	2.59
		5.50	139.7	M150-550	19.4	427	2.20	559	2.88
		6.00	152.4	M150-600	17.6	423	2.40	549	3.12
		7.00	177.8	M150-700	15.0	420	2.80	546	3.64
		8.00	203.2	M150-800	13.0	416	3.20	528	4.06
		12.00	304.8	M150-1200	8.5	407	4.80	516	6.10
2	1	2.50	63.5	M200-250	89.7	897	1.00	1148	1.28
		3.00	76.2	M200-300	71.8	861	1.20	1098	1.53
		3.50	88.9	M200-350	59.8	837	1.40	1076	1.80
		4.00	101.6	M200-400	51.3	821	1.60	1062	2.07
		4.50	114.3	M200-450	44.8	806	1.80	1044	2.33
		5.00	127.0	M200-500	39.9	797	2.00	1029	2.58
		5.50	139.7	M200-550	36.0	792	2.20	1029	2.86
		6.00	152.4	M200-600	32.6	782	2.40	1017	3.12
		7.00	177.8	M200-700	27.6	773	2.80	1007	3.65
		8.00	203.2	M200-800	23.7	758	3.20	984	4.15
		10.00	254.0	M200-1000	18.8	752	4.00	978	5.20
		12.00	304.8	M200-1200	15.4	738	4.80	960	6.23
2 1/2	1 1/2	3.00	76.2	M250-300	110.0	1320	1.20	1640	1.49
		3.50	88.9	M250-350	90.1	1261	1.40	1575	1.75
		4.00	101.6	M250-400	76.4	1222	1.60	1528	2.00
		4.50	114.3	M250-450	66.2	1192	1.80	1490	2.25
		5.00	127.0	M250-500	58.0	1160	2.00	1456	2.51
		6.00	152.4	M250-600	47.7	1145	2.40	1440	3.02
		7.00	177.8	M250-700	40.1	1122	2.80	1412	3.52
		8.00	203.2	M250-800	34.5	1104	3.20	1390	4.03
		10.00	254.0	M250-1000	26.8	1072	4.00	1345	5.02
		12.00	304.8	M250-1200	22.1	1061	4.80	1330	6.02



Sizes 3/8" to 5/8" Round Wire Construction



Sizes 3/4" to 2" Rectangular Wire Construction

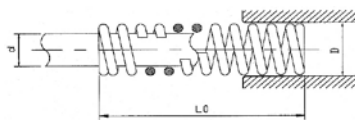


# MEDIUM-HIGH LOAD SPRINGS

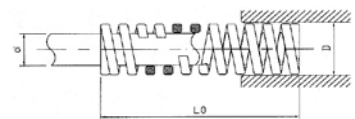
## SIZES 3/8" TO 2 1/2"

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (37% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>3/8" TO 5/8" ROUND WIRE CONSTRUCTION</b>									
3/8	3/16	1.00	25.4	MH37-100	7.2	26.9	0.37	30.8	0.43
		1.25	31.8	MH37-125	5.6	26.1	0.47	30.0	0.54
		1.50	38.1	MH37-150	4.5	25.3	0.56	29.3	0.65
		1.75	44.4	MH37-175	3.8	24.9	0.66	28.8	0.76
		2.00	50.8	MH37-200	3.3	24.5	0.75	28.4	0.87
		2.50	63.5	MH37-250	2.6	24.1	0.94	28.3	1.10
		3.00	76.2	MH37-300	2.1	23.7	1.12	28.0	1.33
		12.00	304.8	MH37-1200	0.5	23.0	4.50	27.6	5.42
1/2	9/32	1.00	25.4	MH50-100	13.0	48.8	0.37	55.9	0.43
		1.25	31.8	MH50-125	10.0	46.8	0.47	54.9	0.55
		1.50	38.1	MH50-150	8.1	45.8	0.56	54.6	0.67
		1.75	44.4	MH50-175	6.7	44.2	0.66	53.2	0.79
		2.00	50.8	MH50-200	5.8	43.7	0.75	53.0	0.91
		2.50	63.5	MH50-250	4.5	42.4	0.94	52.0	1.15
		3.00	76.2	MH50-300	3.7	41.7	1.12	50.8	1.37
		12.00	304.8	MH50-1200	0.9	39.8	4.50	50.5	5.72
5/8	11/32	1.00	25.4	MH62-100	19.3	72.4	0.37	81.0	0.42
		1.25	31.8	MH62-125	14.3	67.0	0.47	75.8	0.53
		1.50	38.1	MH62-150	11.5	64.7	0.56	74.8	0.65
		1.75	44.4	MH62-175	9.5	62.5	0.66	72.4	0.76
		2.00	50.8	MH62-200	8.1	61.0	0.75	70.7	0.87
		2.50	63.5	MH62-250	6.3	58.9	0.94	69.0	1.10
		3.00	76.2	MH62-300	5.1	57.6	1.12	68.1	1.33
		12.00	304.8	MH62-1200	1.2	54.0	4.50	66.0	5.50
<b>3/4" TO 1" RECTANGULAR WIRE CONSTRUCTION</b>									
3/4	3/8	1.00	25.4	MH75-100	51.5	193	0.38	227	0.44
		1.25	31.8	MH75-125	38.9	182	0.47	212	0.55
		1.50	38.1	MH75-150	31.3	176	0.56	206	0.66
		1.75	44.4	MH75-175	25.8	169	0.66	197	0.76
		2.00	50.8	MH75-200	22.2	167	0.75	194	0.87
		2.50	63.5	MH75-250	17.3	165	0.94	189	1.09
		3.00	76.2	MH75-300	14.2	160	1.12	186	1.31
		3.50	88.9	MH75-350	12.2	160	1.31	186	1.54
		4.00	101.6	MH75-400	10.6	159	1.50	186	1.75
		4.50	114.3	MH75-450	9.3	157	1.69	184	1.98
		5.00	127.0	MH75-500	8.3	156	1.87	184	2.21
		12.00	304.8	MH75-1200	3.5	156	4.05	183	5.35
1	1/2	1.00	25.4	MH100-100	95.1	357	0.37	409	0.43
		1.25	31.8	MH100-125	71.3	334	0.47	385	0.54
		1.50	38.1	MH100-150	56.4	317	0.56	367	0.65
		1.75	44.4	MH100-175	47.5	312	0.66	366	0.77
		2.00	50.8	MH100-200	41.1	308	0.75	366	0.89
		2.50	63.5	MH100-250	31.5	295	0.94	350	1.11
		3.00	76.2	MH100-300	25.8	290	1.12	346	1.34
		3.50	88.9	MH100-350	21.7	285	1.31	336	1.55
		4.00	101.6	MH100-400	18.8	282	1.50	333	1.77
		4.50	114.3	MH100-450	16.6	280	1.69	332	2.00
		5.00	127.0	MH100-500	15.0	280	1.87	332	2.25
		12.00	304.8	MH100-1200	6.0	269	4.50	320	5.35

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (37% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>1 1/4" TO 2 1/2" RECTANGULAR WIRE CONSTRUCTION</b>									
1 1/4	5/8	1.50	3.81	MH125-150	94.7	533	0.56	606	0.65
		1.75	44.4	MH125-175	77.9	511	0.66	584	0.75
		2.00	50.8	MH125-200	66.2	496	0.75	569	0.86
		2.50	63.5	MH125-250	50.1	470	0.94	531	1.06
		3.00	76.2	MH125-300	40.5	456	1.12	514	1.27
		3.50	88.9	MH125-350	34.2	445	1.31	510	1.49
		4.00	101.6	MH125-400	29.6	444	1.50	510	1.71
		4.50	114.3	MH125-450	26.3	444	1.69	510	1.94
		5.00	127.0	MH125-500	23.7	444	1.87	510	2.18
		5.50	139.7	MH125-550	21.4	441	2.06	510	2.39
		6.00	152.4	MH125-600	19.4	437	2.25	506	2.61
		12.00	304.8	MH125-1200	9.5	428	4.50	498	5.25
1 1/2	3/4	2.00	50.8	MH150-200	97.5	731	0.75	809	0.83
		2.50	63.5	MH150-250	73.6	690	0.94	765	1.04
		3.00	76.2	MH150-300	60.1	676	1.12	757	1.26
		3.50	88.9	MH150-350	50.1	658	1.31	736	1.47
		4.00	101.6	MH150-400	43.4	651	1.50	733	1.69
		4.50	114.3	MH150-450	38.0	641	1.69	720	1.89
		5.00	127.0	MH150-500	34.0	638	1.87	720	2.12
		5.50	139.7	MH150-550	31.0	638	2.06	720	2.33
		6.00	152.4	MH150-600	28.0	630	2.25	714	2.55
		7.00	177.8	MH150-700	23.7	622	2.62	709	2.99
		8.00	203.2	MH150-800	20.6	618	3.00	707	3.42
		12.00	304.8	MH150-1200	13.6	612	4.50	703	5.17
2	1	2.50	63.5	MH200-250	121.0	1133	0.94	1272	1.05
		3.00	76.2	MH200-300	95.6	1076	1.12	1197	1.25
		3.50	88.9	MH200-350	80.2	1053	1.31	1180	1.46
		4.00	101.6	MH200-400	69.5	1043	1.50	1180	1.70
		4.50	114.3	MH200-450	61.2	1033	1.69	1180	1.93
		5.00	127.0	MH200-500	54.0	1013	1.87	1160	2.13
		5.50	139.7	MH200-550	49.0	1009	2.06	1155	2.36
		6.00	152.4	MH200-600	44.6	1004	2.25	1160	2.59
		7.00	177.8	MH200-700	37.9	995	2.62	1155	3.05
		8.00	203.2	MH200-800	32.8	984	3.00	1140	3.47
		9.00	228.6	MH200-900	29.0	979	3.38	1140	3.93
		12.00	304.8	MH200-1200	21.5	968	4.50	1135	5.27
2 1/2	1 1/2	3.00	76.2	MH250-300	174.0	1954	1.12	2240	1.29
		3.50	88.9	MH250-350	143.0	1872	1.31	2160	1.52
		4.00	101.6	MH250-400	121.0	1814	1.50	2104	1.74
		4.50	114.3	MH250-450	106.0	1792	1.69	2103	1.98
		5.00	127.0	MH250-500	93.7	1757	1.87	2080	2.22
		6.00	152.4	MH250-600	75.8	1706	2.25	2024	2.67
		7.00	177.8	MH250-700	63.7	1672	2.62	1987	3.12
		8.00	203.2	MH250-800	54.9	1647	3.00	1960	3.57
		9.00	228.6	MH250-900	48.7	1643	3.38	1960	4.06
		10.00	254.0	MH250-1000	43.8	1642	3.75	1960	4.56
		12.00	304.8	MH250-1200	36.2	1629	4.50	1960	5.45



Sizes 3/8" to 5/8" Round Wire Construction



Sizes 3/4" to 2" Rectangular Wire Construction



**Local**  
Tel: 651-286-6001  
Fax: 651-286-5959

**Toll Free U.S.A. & Canada**  
Tel: 800-944-4671  
Fax: 800-944-4679

**Toll Free Mexico**  
Tel: 001-800-741-2510  
Fax: 001-800-544-2096

**Website & Email**  
www.wilsontool.com  
stamping@wilsontool.com

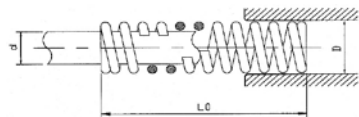


# HEAVY SPRINGS

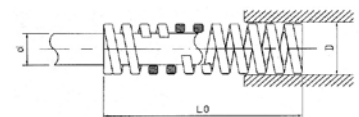
## SIZES 3/8" TO 2 1/2"

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (30% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>3/8" TO 5/8" ROUND WIRE CONSTRUCTION</b>									
3/8	3/16	1.00	25.4	H37-100	12.1	36	0.30	43	0.35
		1.25	31.8	H37-125	9.4	35	0.38	43	0.46
		1.50	38.1	H37-150	7.6	34	0.45	42	0.55
		1.75	44.4	H37-175	6.5	34	0.53	42	0.66
		2.00	50.8	H37-200	5.6	33	0.60	42	0.75
		2.50	63.5	H37-250	4.4	33	0.75	42	0.97
		3.00	76.2	H37-300	3.6	32	0.90	42	1.15
		12.00	304.8	H37-1200	0.9	31	3.60	41	4.74
1/2	9/32	1.00	25.4	H50-100	22.5	68	0.30	78	0.34
		1.25	31.8	H50-125	17.2	64	0.38	76	0.44
		1.50	38.1	H50-150	13.8	62	0.45	74	0.53
		1.75	44.4	H50-175	11.5	61	0.53	73	0.63
		2.00	50.8	H50-200	10.1	61	0.60	73	0.75
		2.50	63.5	H50-250	7.9	59	0.75	73	0.95
		3.00	76.2	H50-300	6.5	58	0.90	73	1.15
		12.00	304.8	H50-1200	1.5	55	3.60	72	4.73
5/8	11/32	1.00	25.4	H62-100	49.7	149	0.30	170	0.34
		1.25	31.8	H62-125	36.6	137	0.38	160	0.43
		1.50	38.1	H62-150	29.6	133	0.45	160	0.54
		1.75	44.4	H62-175	24.0	126	0.53	151	0.63
		2.00	50.8	H62-200	20.8	125	0.60	151	0.74
		2.50	63.5	H62-250	16.2	122	0.75	151	0.94
		3.00	76.2	H62-300	13.3	120	0.90	151	1.15
		12.00	304.8	H62-1200	3.1	112	3.60	150	4.83
<b>3/4" TO 1" RECTANGULAR WIRE CONSTRUCTION</b>									
3/4	3/8	1.00	25.4	H75-100	132.0	396	0.30	436	0.33
		1.25	31.8	H75-125	99.6	374	0.38	418	0.42
		1.50	38.1	H75-150	79.3	357	0.45	404	0.51
		1.75	44.4	H75-175	65.0	345	0.53	383	0.59
		2.00	50.8	H75-200	55.9	335	0.60	375	0.67
		2.50	63.5	H75-250	43.9	329	0.75	377	0.86
		3.00	76.2	H75-300	36.1	325	0.90	373	1.03
		3.50	88.9	H75-350	30.7	322	1.05	371	1.21
		4.00	101.6	H75-400	26.7	320	1.20	371	1.39
		4.50	114.3	H75-450	23.6	319	1.35	371	1.58
		5.00	127.0	H75-500	21.2	318	1.50	371	1.75
		12.00	304.8	H75-1200	8.6	309	3.60	360	4.18
1	1/2	1.25	31.8	H100-125	158.0	592	0.38	663	0.42
		1.50	38.1	H100-150	125.0	564	0.45	639	0.51
		1.75	44.4	H100-175	105.0	558	0.53	642	0.61
		2.00	50.8	H100-200	89.8	539	0.60	638	0.71
		2.50	63.5	H100-250	69.4	521	0.75	618	0.89
		3.00	76.2	H100-300	57.2	515	0.90	618	1.08
		3.50	88.9	H100-350	48.2	506	1.05	618	1.28
		4.00	101.6	H100-400	42.0	504	1.20	618	1.47
		4.50	114.3	H100-450	37.2	502	1.35	618	1.66
		5.00	127.0	H100-500	33.2	498	1.50	618	1.86
		5.50	139.7	H100-550	30.0	498	1.65	618	2.06
		12.00	304.8	H100-1200	13.8	494	3.60	618	4.60

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (30% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>1 1/4" TO 2" RECTANGULAR WIRE CONSTRUCTION</b>									
1 1/4	5/8	1.50	38.1	H125-150	215.0	967	0.45	1052	0.49
		1.75	44.4	H125-175	177.0	940	0.53	1026	0.58
		2.00	50.8	H125-200	150.0	902	0.60	1007	0.67
		2.50	63.5	H125-250	117.0	876	0.75	1004	0.86
		3.00	76.2	H125-300	94.7	852	0.90	985	1.04
		3.50	88.9	H125-350	79.1	831	1.05	973	1.23
		4.00	101.6	H125-400	69.1	829	1.20	974	1.41
		4.50	114.3	H125-450	60.8	821	1.35	960	1.59
		5.00	127.0	H125-500	54.7	821	1.50	985	1.80
		5.50	139.7	H125-550	49.0	809	1.65	965	1.97
		6.00	152.4	H125-600	44.9	808	1.80	965	2.15
		12.00	304.8	H125-1200	21.8	785	3.60	951	4.36
1 1/2	3/4	2.00	50.8	H150-200	201.0	1207	0.60	1388	0.69
		2.50	63.5	H150-250	153.0	1150	0.75	1350	0.88
		3.00	76.2	H150-300	125.0	1125	0.90	1340	1.07
		3.50	88.9	H150-350	106.0	1108	1.05	1340	1.27
		4.00	101.6	H150-400	90.7	1088	1.20	1333	1.47
		4.50	114.3	H150-450	80.5	1086	1.35	1340	1.69
		5.00	127.0	H150-500	71.5	1072	1.50	1337	1.87
		5.50	139.7	H150-550	64.0	1065	1.65	1335	2.08
		6.00	152.4	H150-600	59.1	1064	1.80	1347	2.28
		7.00	177.8	H150-700	50.3	1056	2.10	1343	2.67
		8.00	203.2	H150-800	43.8	1051	2.40	1347	3.07
		12.00	304.8	H150-1200	28.7	1033	3.60	1339	4.65
2	1	2.50	63.5	H200-250	242.0	1815	0.75	2080	0.86
		3.00	76.2	H200-300	193.0	1737	0.90	2007	1.04
		3.50	88.9	H200-350	161.0	1686	1.05	1960	1.22
		4.00	101.6	H200-400	140.0	1678	1.20	1960	1.43
		4.50	114.3	H200-450	123.0	1658	1.35	1960	1.63
		5.00	127.0	H200-500	108.0	1622	1.50	1935	1.79
		5.50	139.7	H200-550	97.0	1600	1.65	1910	1.97
		6.00	152.4	H200-600	88.1	1586	1.80	1910	2.15
		7.00	177.8	H200-700	75.1	1583	2.10	1910	2.55
		8.00	203.2	H200-800	65.9	1582	2.40	1910	2.91
		10.00	254.0	H200-1000	51.6	1548	3.00	1875	3.62
		12.00	304.8	H200-1200	42.7	1537	3.60	1875	4.45



Sizes 3/8" to 5/8" Round Wire Construction



Sizes 3/4" to 2" Rectangular Wire Construction

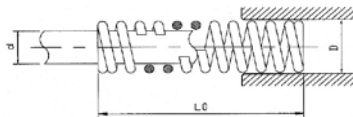


# EXTRA-HEAVY SPRINGS

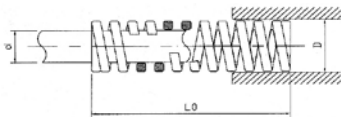
## SIZES 3/8" TO 2 1/2"

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (25% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>3/8" TO 5/8" ROUND WIRE CONSTRUCTION</b>									
3/8	3/16	1.00	25.4	EH37-100	18.7	46.8	0.25	0.6	0.33
		1.25	31.8	EH37-125	14.3	45.0	0.31	0.6	0.41
		1.50	38.1	EH37-150	12.1	45.0	0.38	0.6	0.52
		1.75	44.4	EH37-175	10.1	44.2	0.44	0.6	0.60
		2.00	50.8	EH37-200	8.8	43.8	0.50	0.6	0.68
		2.50	63.5	EH37-250	7.0	43.5	0.63	0.6	0.86
		3.00	76.2	EH37-300	5.8	43.3	0.75	0.6	1.05
		12.00	304.8	EH37-1200	1.4	42.0	3.00	0.6	4.20
1/2	9/32	1.00	25.4	EH50-100	33.5	84	0.25	119	0.35
		1.25	31.8	EH50-125	25.3	79	0.31	110	0.43
		1.50	38.1	EH50-150	20.7	78	0.38	110	0.52
		1.75	44.4	EH50-175	17.5	77	0.44	110	0.61
		2.00	50.8	EH50-200	15.5	77	0.50	110	0.72
		2.50	63.5	EH50-250	12.4	77	0.63	110	0.90
		3.00	76.2	EH50-300	10.1	76	0.75	110	1.12
		3.50	88.9	EH50-350	8.6	75	0.88	110	1.31
12.00	304.8	EH50-1200	2.4	72	3.00	108	4.47		
5/8	11/32	1.00	25.4	EH62-100	72.1	180	0.25	256	0.35
		1.25	31.8	EH62-125	53.3	167	0.31	230	0.43
		1.50	38.1	EH62-150	43.0	161	0.38	221	0.51
		1.75	44.4	EH62-175	36.0	158	0.44	220	0.60
		2.00	50.8	EH62-200	31.4	157	0.50	220	0.71
		2.50	63.5	EH62-250	24.5	153	0.63	218	0.88
		3.00	76.2	EH62-300	20.1	151	0.75	216	1.06
		3.50	88.9	EH62-350	17.1	150	0.88	215	1.26
4.00	101.6	EH62-400	14.9	149	1.00	215	1.45		
12.00	304.8	EH62-1200	4.8	145	3.00	214	4.43		
<b>3/4" TO 1" RECTANGULAR WIRE CONSTRUCTION</b>									
3/4	3/8	1.00	25.4	EH75-100	184.0	460	0.25	551	0.30
		1.25	31.8	EH75-125	138.0	431	0.31	535	0.39
		1.50	38.1	EH75-150	112.0	419	0.38	535	0.48
		1.75	44.4	EH75-175	92.8	406	0.44	529	0.57
		2.00	50.8	EH75-200	80.1	401	0.50	527	0.66
		2.50	63.5	EH75-250	62.5	391	0.63	525	0.84
		3.00	76.2	EH75-300	51.5	386	0.75	522	1.02
		3.50	88.9	EH75-350	43.4	380	0.88	516	1.19
		4.00	101.6	EH75-400	37.5	375	1.00	508	1.36
		4.50	114.3	EH75-450	33.0	371	1.13	508	1.52
		5.00	127.0	EH75-500	29.7	371	1.25	505	1.71
		5.50	139.7	EH75-550	27.0	371	1.38	505	1.87
6.00	152.4	EH75-600	24.4	366	1.50	505	2.04		
12.00	304.8	EH75-1200	12.1	363	3.00	505	4.16		
1	1/2	1.25	31.8	EH100-125	202.0	637	0.31	799	0.40
		1.50	38.1	EH100-150	160.0	600	0.38	768	0.48
		1.75	44.4	EH100-175	132.0	589	0.44	749	0.57
		2.00	50.8	EH100-200	113.0	564	0.50	733	0.65
		2.50	63.5	EH100-250	87.9	549	0.63	735	0.84
		3.00	76.2	EH100-300	71.4	536	0.75	720	1.01
		3.50	88.9	EH100-350	60.2	526	0.88	720	1.18
		4.00	101.6	EH100-400	52.0	520	1.00	715	1.35
		4.50	114.3	EH100-450	46.2	520	1.13	715	1.55
		5.00	127.0	EH100-500	41.2	515	1.25	715	1.72
		5.50	139.7	EH100-550	38.0	515	1.38	715	1.91
		6.00	152.4	EH100-600	34.4	515	1.50	715	2.11
7.00	177.8	EH100-700	29.3	512	1.75	715	2.48		
8.00	203.2	EH100-800	25.5	510	2.00	715	2.48		
12.00	304.8	EH100-1200	16.9	507	3.00	715	4.31		

Hole Dia. D	Rod Dia.	Free Length (in)	Free Length (mm)	Catalog Number	RATE Pounds required to deflect 1/10 in.	LOAD DEFLECTION TABLE			
						Maximum Operating (25% of Lo)		Total travel to solid	
						Load lbs.	Deflect in.	Load lbs.	Deflect in.
<b>1 1/4" TO 2" RECTANGULAR WIRE CONSTRUCTION</b>									
1 1/4	5/8	1.50	38.1	EH125-150	279.0	1047	0.38	1231	0.44
		1.75	44.4	EH125-175	231.0	1011	0.44	1225	0.53
		2.00	50.8	EH125-200	197.0	986	0.50	1222	0.62
		2.50	63.5	EH125-250	153.0	953	0.63	1220	0.80
		3.00	76.2	EH125-300	123.0	925	0.75	1200	0.97
		3.50	88.9	EH125-350	104.0	911	0.88	1195	1.15
		4.00	101.6	EH125-400	89.1	891	1.00	1160	1.30
		4.50	114.3	EH125-450	77.8	875	1.13	1160	1.46
		5.00	127.0	EH125-500	69.8	873	1.25	1160	1.64
		5.50	139.7	EH125-550	64.0	870	1.38	1160	1.85
		6.00	152.4	EH125-600	57.9	869	1.50	1160	2.00
		7.00	177.8	EH125-700	49.0	858	1.75	1160	2.33
8.00	203.2	EH125-800	42.8	856	2.00	1160	2.69		
10.00	254.0	EH125-1000	34.1	853	2.50	1160	3.42		
12.00	304.8	EH125-1200	28.3	849	3.00	1160	4.14		
1 1/2	3/4	2.00	50.8	EH150-200	320.0	1598	0.50	1964	0.62
		2.50	63.5	EH150-250	241.0	1504	0.63	1885	0.78
		3.00	76.2	EH150-300	193.0	1448	0.75	1834	0.95
		3.50	88.9	EH150-350	161.0	1411	0.88	1802	1.12
		4.00	101.6	EH150-400	140.0	1395	1.00	1813	1.30
		4.50	114.3	EH150-450	122.0	1373	1.13	1796	1.47
		5.00	127.0	EH150-500	109.0	1356	1.25	1779	1.64
		5.50	139.7	EH150-550	98.0	1348	1.38	1774	1.81
		6.00	152.4	EH150-600	88.8	1332	1.50	1754	1.97
		7.00	177.8	EH150-700	75.1	1314	1.75	1733	2.31
		8.00	203.2	EH150-800	65.1	1302	2.00	1730	2.65
		10.00	254.0	EH150-1000	71.7	1293	2.50	1730	3.35
12.00	304.8	EH150-1200	42.9	1287	3.00	1730	4.06		
2	1	2.50	63.5	EH200-250	413.0	2583	0.63	3140	0.76
		3.00	76.2	EH200-300	327.0	2453	0.75	3013	0.92
		3.50	88.9	EH200-350	271.0	2369	0.88	2929	1.08
		4.00	101.6	EH200-400	231.0	2309	1.00	2872	1.24
		4.50	114.3	EH200-450	201.0	2265	1.13	2828	1.41
		5.00	127.0	EH200-500	178.0	2230	1.25	2794	1.57
		5.50	139.7	EH200-550	161.0	2214	1.38	2790	1.75
		6.00	152.4	EH200-600	145.0	2181	1.50	2745	1.89
		7.00	177.8	EH200-700	123.0	2147	1.75	2712	2.21
		8.00	203.2	EH200-800	106.0	2122	2.00	2686	2.53
		10.00	254.0	EH200-1000	83.5	2088	2.50	2653	3.18
		12.00	304.8	EH200-1200	68.9	2067	3.00	2633	3.82



Sizes 3/8" to 5/8" Round Wire Construction



Sizes 3/4" to 2" Rectangular Wire Construction



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