



Springs Medium Duty (Blue)

Raymond
Die Springs

Hole Dia. OD	Rod Dia. ID	Free Length	Catalog Number	Load at 1/10" Deflec. (lbs.)	Max. Operating Deflection 40% of free length	
					Load	Deflec.
					(lbs.)	(in.)
3/8	3/16	1"	037M0100	6.0	24.0	0.40
		1-1/4"	037M0125	5.4	27.0	0.50
		1-1/2"	037M0150	4.0	24.0	0.60
		1-3/4"	037M0175	3.4	23.8	0.70
		2"	037M0200	2.8	22.4	0.80
		2-1/2"	037M0250	2.4	24.0	1.00
		3"	037M0300	2.1	25.2	1.20
		12"	037M1200	0.6	28.8	4.80
1/2	9/32	1"	050M0100	11.0	44.0	0.40
		1-1/4"	050M0125	8.2	41.0	0.50
		1-1/2"	050M0150	6.8	40.8	0.60
		1-3/4"	050M0175	6.0	42.0	0.70
		2"	050M0200	5.5	44.0	0.80
		2-1/2"	050M0250	4.5	45.0	1.00
		3"	050M0300	3.5	42.0	1.20
		3-1/2"	050M0350	3.0	42.0	1.40
		4-1/2"	050M0450	2.5	45.0	1.80
		5-1/2"	050M0550	2.1	46.2	2.20
		6-1/2"	050M0650	1.4	36.4	2.60
		7-1/2"	050M0750	1.2	36.0	3.00
12"	050M1200	0.7	33.6	4.80		
5/8	11/32	1"	062M0100	16.4	65.6	0.40
		1-1/4"	062M0125	12.8	64.0	0.50
		1-1/2"	062M0150	10.8	64.8	0.60
		1-3/4"	062M0175	9.6	67.2	0.70
		2"	062M0200	8.8	70.4	0.80
		2-1/2"	062M0250	6.0	60.0	1.00
		3"	062M0300	5.6	67.2	1.20
		3-1/2"	062M0350	4.8	67.2	1.40
		4"	062M0400	4.4	70.4	1.60
		12"	062M1200	1.6	76.8	4.80
3/4	3/8	1"	075M0100	31.2	124.8	0.40
		1-1/4"	075M0125	25.6	128.0	0.50
		1-1/2"	075M0150	20.0	120.0	0.60
		1-3/4"	075M0175	17.6	123.2	0.70
		2"	075M0200	14.4	115.2	0.80
		2-1/2"	075M0250	12.0	120.0	1.00
		3"	075M0300	9.6	115.2	1.20
		3-1/2"	075M0350	8.0	112.0	1.40
		4"	075M0400	7.2	115.2	1.60
		4-1/2"	075M0450	6.4	115.2	1.80
		5"	075M0500	6.0	120.0	2.00
		5-1/2"	075M0550	5.5	121.0	2.20
		6"	075M0600	5.0	120.0	2.40
		6-1/2"	075M0650	4.5	117.0	2.60
		7-1/2"	075M0750	3.8	114.0	3.00
		12"	075M1200	2.4	115.2	4.80
1"	1/2	1"	100M0100	55.0	220.0	0.40
		1-1/4"	100M0125	45.0	225.0	0.50
		1-1/2"	100M0150	35.0	210.0	0.60
		1-3/4"	100M0175	30.0	210.0	0.70
		2"	100M0200	26.0	208.0	0.80

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					Load	Deflec.
					(lbs.)	(in.)
1"	1/2	2-1/2"	100M0250	20.0	200.0	1.00
		3"	100M0300	16.5	198.0	1.20
		3-1/2"	100M0350	15.0	210.0	1.40
		4"	100M0400	12.0	192.0	1.60
		4-1/2"	100M0450	10.4	187.2	1.80
		5"	100M0500	9.6	192.0	2.00
		5-1/2"	100M0550	8.8	193.6	2.20
		6"	100M0600	8.0	192.0	2.40
		7"	100M0700	7.2	201.6	2.80
		8"	100M0800	6.0	192.0	3.20
		12"	100M1200	4.0	192.0	4.80
		1-1/4	5/8	1-1/2"	125M0150	49.6
1-3/4"	125M0175			42.4	296.8	0.70
2"	125M0200			35.2	281.6	0.80
2-1/2"	125M0250			28.8	288.0	1.00
3"	125M0300			24.0	288.0	1.20
3-1/2"	125M0350			20.0	280.0	1.40
4"	125M0400			17.6	281.6	1.60
4-1/2"	125M0450			16.0	288.0	1.80
5"	125M0500			13.6	272.0	2.00
5-1/2"	125M0550			12.8	281.6	2.20
6"	125M0600			12.0	288.0	2.40
7"	125M0700			10.4	291.2	2.80
8"	125M0800			8.8	281.6	3.20
10"	125M1000			7.2	288.0	4.00
12"	125M1200	6.0	288.0	4.80		
1-1/2	3/4	2"	150M0200	53.0	424.0	0.80
		2-1/2"	150M0250	45.0	450.0	1.00
		3"	150M0300	36.0	432.0	1.20
		3-1/2"	150M0350	30.0	420.0	1.40
		4"	150M0400	27.0	432.0	1.60
		4-1/2"	150M0450	23.0	414.0	1.80
		5"	150M0500	21.0	420.0	2.00
		5-1/2"	150M0550	18.5	407.0	2.20
		6"	150M0600	17.0	408.0	2.40
		7"	150M0700	14.5	406.0	2.80
		8"	150M0800	12.8	409.6	3.20
		10"	150M1000	10.0	400.0	4.00
12"	150M1200	8.0	384.0	4.80		
2"	1"	2-1/2"	200M0250	100.0	1000.0	1.00
		3"	200M0300	83.0	996.0	1.20
		3-1/2"	200M0350	64.8	907.2	1.40
		4"	200M0400	60.0	960.0	1.60
		4-1/2"	200M0450	53.0	954.0	1.80
		5"	200M0500	47.0	940.0	2.00
		5-1/2"	200M0550	39.2	862.4	2.20
		6"	200M0600	39.0	936.0	2.40
		7"	200M0700	31.2	873.6	2.80
		8"	200M0800	28.5	912.0	3.20
		10"	200M1000	20.8	832.0	4.00
		12"	200M1200	17.5	840.0	4.80