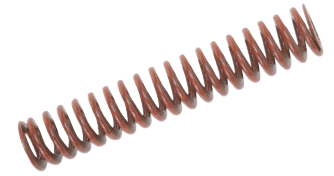
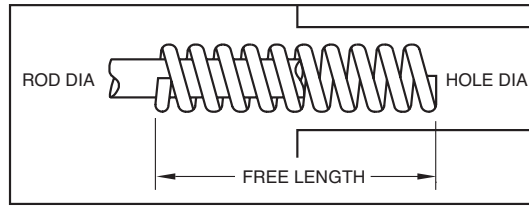




SPRINGS

MEDIUM-HEAVY DUTY: INCH STANDARD

Recommended Deflection:
 20% = Long Life
 25% = Average Life
 30% = Maximum Operating Deflection



Hole Diameter	Rod Diameter	Free Length	CATALOG NUMBER	Approx. Load at 1/10' Deflec. (lbs)	Load at 20% Deflec. (lbs)	Load at 30% Deflec. (lbs)
3/8	3/16	1.00	HS37L1	9.0	18.0	27.0
		1.25	HS37L1.25	7.3	18.3	27.4
		1.50	HS37L1.5	6.7	20.1	30.2
		1.75	HS37L1.75	5.8	20.3	30.5
		2.00	HS37L2	5.0	20.0	30.0
		2.50	HS37L2.5	4.2	21.0	31.5
		3.00	HS37L3	3.0	18.0	27.0
		12.00	HS37L12	.9	21.6	32.4
1/2	9/32	1.00	HS50L1	16.8	33.6	50.4
		1.25	HS50L1.25	13.0	32.5	48.8
		1.50	HS50L1.5	9.5	28.5	42.8
		1.75	HS50L1.75	8.5	29.8	44.6
		2.00	HS50L2	7.5	30.0	45.0
		2.50	HS50L2.5	6.0	30.0	45.0
		3.00	HS50L3	5.7	34.2	51.3
		3.50	HS50L3.5	4.0	28.0	42.0
5/8	11/32	1.00	HS62L1	30.0	60.0	90.0
		1.25	HS62L1.25	21.5	53.8	80.6
		1.50	HS62L1.5	19.0	57.0	85.5
		1.75	HS62L1.75	16.8	58.8	88.2
		2.00	HS62L2	14.8	59.2	88.8
		2.50	HS62L2.5	11.5	57.5	86.3
		3.00	HS62L3	10.0	60.0	90.0
		3.50	HS62L3.5	8.5	59.5	89.3
		4.00	HS62L4	7.6	60.8	91.2
		12.00	HS62L12	2.7	64.8	97.2
3/4	3/8	1.00	HS75L1	50.0	100.0	150.0
		1.25	HS75L1.25	38.0	95.0	142.5
		1.50	HS75L1.5	32.0	96.0	144.0
		1.75	HS75L1.75	28.8	100.8	151.2
		2.00	HS75L2	24.8	99.2	148.8
		2.50	HS75L2.5	19.2	96.0	144.0
		3.00	HS75L3	14.4	86.4	129.6
		3.50	HS75L3.5	12.8	89.6	134.4
		4.00	HS75L4	12.0	96.0	144.0
		4.50	HS75L4.5	11.2	100.8	151.2
		5.00	HS75L5	9.0	90.0	135.0
		5.50	HS75L5.5	8.0	88.0	132.0
		6.00	HS75L6	7.5	90.0	135.0
		12.00	HS75L12	3.6	86.4	129.6
1	1/2	1.00	HS100L1	76.0	152.0	228.0
		1.25	HS100L1.25	62.4	156.0	234.0
		1.50	HS100L1.5	49.6	148.8	223.2
		1.75	HS100L1.75	44.0	154.0	231.0
		2.00	HS100L2	40.0	160.0	240.0
		2.50	HS100L2.5	31.0	155.0	232.5

Hole Diameter	Rod Diameter	Free Length	CATALOG NUMBER	Approx. Load at 1/10' Deflec. (lbs)	Load at 20% Deflec. (lbs)	Load at 30% Deflec. (lbs)
1	1/2	3.00	HS100L3	25.0	150.0	225.0
		3.50	HS100L3.5	21.6	151.2	226.8
		4.00	HS100L4	18.4	147.2	220.8
		4.50	HS100L4.5	17.0	153.0	229.5
		5.00	HS100L5	14.4	144.0	216.0
		5.50	HS100L5.5	12.8	140.8	211.2
		6.00	HS100L6	12.0	144.0	216.0
		7.00	HS100L7	10.0	140.0	210.0
1-1/4	5/8	8.00	HS100L8	8.8	140.8	211.2
		12.00	HS100L12	6.2	148.8	223.2
		1.50	HS125L1.5	114.4	343.2	514.8
		1.75	HS125L1.75	100.8	352.8	529.2
1-1/2	3/4	2.00	HS125L2	86.4	345.6	518.4
		2.50	HS125L2.5	62.4	312.0	468.0
		3.00	HS125L3	51.2	307.2	460.8
		3.50	HS125L3.5	44.0	308.0	462.0
		4.00	HS125L4	36.8	294.4	441.6
		4.50	HS125L4.5	32.0	288.0	432.0
		5.00	HS125L5	29.0	290.0	435.0
		5.50	HS125L5.5	26.4	290.4	435.6
		6.00	HS125L6	25.0	300.0	450.0
		7.00	HS125L7	20.0	280.0	420.0
		8.00	HS125L8	18.4	294.4	441.6
		10.00	HS125L10	14.5	290.0	435.0
		12.00	HS125L12	12.4	297.6	446.4
		1-1/2	1	2.00	HS150L2	108.0
2.50	HS150L2.5			85.6	428.0	642.0
3.00	HS150L3			62.4	374.4	561.6
3.50	HS150L3.5			52.8	369.6	554.4
4.00	HS150L4			48.0	384.0	576.0
4.50	HS150L4.5			43.2	388.8	583.2
5.00	HS150L5			36.8	368.0	552.0
5.50	HS150L5.5			34.4	378.4	567.6
6.00	HS150L6			30.4	364.8	547.2
7.00	HS150L7			26.4	369.6	554.2
8.00	HS150L8			22.0	352.0	528.0
10.00	HS150L10			17.6	352.0	528.0
2	1	12.00	HS150L12	14.4	345.6	518.4
		2.50	HS200L2.5	118.4	592.0	888.0
		3.00	HS200L3	96.0	576.0	864.0
		3.50	HS200L3.5	80.0	560.0	840.0
		4.00	HS200L4	66.4	531.2	796.8
		4.50	HS200L4.5	60.0	540.0	810.0
		5.00	HS200L5	56.0	560.0	840.0
		5.50	HS200L5.5	50.4	554.4	831.6
		6.00	HS200L6	47.2	566.4	849.6
		7.00	HS200L7	40.0	560.0	840.0
		8.00	HS200L8	35.2	563.2	844.8
		10.00	HS200L10	26.0	520.0	780.0
12.00	HS200L12	22.4	537.6	806.4		

Note: All pressure ratings are approximate and are subject to +10% over amounts shown for deflection.