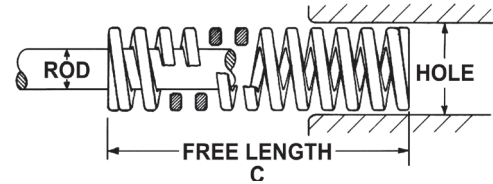
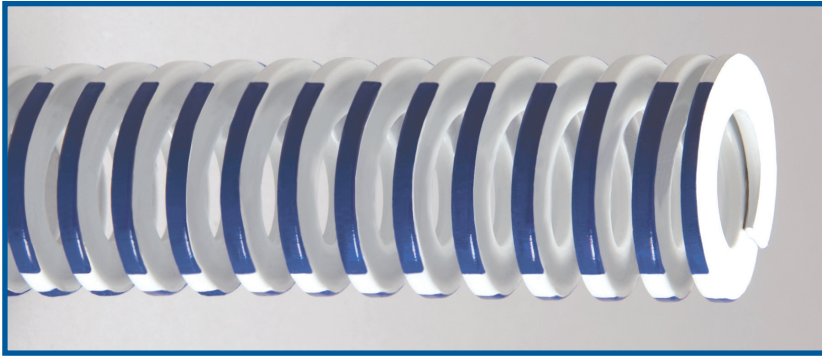


MEDIUM DUTY DIE SPRINGS

COLOR CODED BLUE STRIPE



Hole Diam. (in)	Rod Diam. (in)	Free Length (in)	Wire Size (in)	CATALOG NUMBER	Pounds @ 1/10 inch defl.	Total Deflection Recommended for Long Life (25% of C)		Total Deflection Recommended for Avg. Life (35% of C)		Maximum Operating Deflection (40% of C)		* Max. Comp. Length (in)
						Load lbs.	Defl. in.	Load lbs.	Defl. in.	Load lbs.	Defl. in.	
3/8	3/16	1.00	0.040 X 0.070	9-0604-1	6.2	15.5	0.25	21.7	0.35	24.8	0.40	0.48
		1.25		9-0605-1	5.3	16.6	0.31	23.2	0.44	26.5	0.50	0.56
		1.50		9-0606-1	4.2	15.6	0.38	21.8	0.53	24.9	0.60	0.68
		1.75		9-0607-1	3.5	15.3	0.44	21.4	0.61	24.5	0.70	0.78
		2.00		9-0608-1	2.9	14.5	0.50	20.3	0.70	23.2	0.80	0.94
		2.50		9-0610-1	2.4	15.3	0.63	21.4	0.88	24.4	1.00	1.12
		3.00		9-0612-1	2.1	15.8	0.75	22.1	1.05	25.2	1.20	1.40
		12.00		9-0648-1	0.6	16.8	3.00	23.5	4.20	26.9	4.80	5.11
1/2	9/32	1.00	0.052 X 0.095	9-0804-1	10.7	26.8	0.25	37.5	0.35	42.8	0.40	0.45
		1.25		9-0805-1	8.2	25.6	0.31	35.9	0.44	41.0	0.50	0.55
		1.50		9-0806-1	6.8	25.5	0.38	35.7	0.53	40.8	0.60	0.66
		1.75		9-0807-1	6.0	26.3	0.44	36.8	0.61	42.0	0.70	0.73
		2.00		9-0808-1	5.3	26.5	0.50	37.1	0.70	42.4	0.80	0.82
		2.50		9-0810-1	4.3	26.9	0.63	37.6	0.88	43.0	1.00	1.02
		3.00		9-0812-1	3.4	25.5	0.75	35.7	1.05	40.8	1.20	1.25
		3.50		9-0814-1	2.9	25.4	0.88	35.5	1.23	40.6	1.40	1.42
		4.50		9-0818-1	2.4	27.0	1.13	37.8	1.58	43.2	1.80	1.82
		5.50		9-0822-1	2.0	27.5	1.38	38.5	1.93	44.0	2.20	2.22
		6.50		9-0826-1	1.4	22.8	1.63	31.9	2.28	36.4	2.60	2.65
		7.50		9-0830-1	1.2	22.5	1.88	31.5	2.63	36.0	3.00	3.27
12.00	9-0848-1	0.7	21.0	3.00	29.4	4.20	33.6	4.80	5.24			
5/8	11/32	1.00	0.068 X 0.117	9-1004-1	17.0	42.5	0.25	59.5	0.35	68.0	0.40	0.50
		1.25		9-1005-1	13.0	40.6	0.31	56.9	0.44	65.0	0.50	0.62
		1.50		9-1006-1	11.1	41.6	0.38	58.3	0.53	66.6	0.60	0.69
		1.75		9-1007-1	9.6	42.0	0.44	58.8	0.61	67.2	0.70	0.80
		2.00		9-1008-1	8.8	44.0	0.50	61.6	0.70	70.4	0.80	0.89
		2.50		9-1010-1	6.3	39.4	0.63	55.1	0.88	63.0	1.00	1.16
		3.00		9-1012-1	5.6	42.0	0.75	58.8	1.05	67.2	1.20	1.27
		3.50		9-1014-1	4.8	42.0	0.88	58.8	1.23	67.2	1.40	1.46
		4.00		9-1016-1	4.4	44.0	1.00	61.6	1.40	70.4	1.60	1.65
		12.00		9-1048-1	1.5	45.6	3.00	63.8	4.20	73.0	4.80	4.83
3/4	3/8	1.00	0.085 X 0.155	9-1204-1	31.8	79.5	0.25	111.3	0.35	127.2	0.40	0.50
		1.25		9-1205-1	25.6	80.0	0.31	112.0	0.44	128.0	0.50	0.65
		1.50		9-1206-1	20.0	75.0	0.38	105.0	0.53	120.0	0.60	0.77
		1.75		9-1207-1	17.6	77.0	0.44	107.8	0.61	123.2	0.70	0.88
		2.00		9-1208-1	14.4	72.0	0.50	100.8	0.70	115.2	0.80	1.03
		2.50		9-1210-1	12.0	75.0	0.63	105.0	0.88	120.0	1.00	1.28
		3.00		9-1212-1	9.6	72.0	0.75	100.8	1.05	115.2	1.20	1.49
		3.50		9-1214-1	8.0	70.0	0.88	98.0	1.23	112.0	1.40	1.74
		4.00		9-1216-1	7.2	72.0	1.00	100.8	1.40	115.2	1.60	1.99
		4.50		9-1218-1	6.4	72.0	1.13	100.8	1.58	115.2	1.80	2.24
		5.00		9-1220-1	6.0	75.0	1.25	105.0	1.75	120.0	2.00	2.48
		5.50		9-1222-1	5.5	75.6	1.38	105.9	1.93	121.0	2.20	2.72
		6.00		9-1224-1	5.0	75.0	1.50	105.0	2.10	120.0	2.40	2.97
		6.50		9-1226-1	4.5	73.1	1.63	102.4	2.28	117.0	2.60	3.20
		7.50		9-1230-1	3.8	71.3	1.88	99.8	2.63	114.0	3.00	3.64
		12.00		9-1248-1	2.4	72.0	3.00	100.8	4.20	115.2	4.80	5.84

* NOTE: For design purposes only. We do not recommend deflecting a spring to maximum deflection.