

MP Series DIE Springs – BLUE (Medium Pressure)

Hole Dia. (O.D)	Part Number	Rod Dia. (I.D.)	Free Length		Load at 50% Deflection		Load at 1/10" Deflection		
			in.	mm.	lb.	kg.	lb.	kg.	
3/8" 9.5mm	MP-02	3/16" 4.8 mm	1	25.4	28.	12.7	5.6	2.54	
	MP02A		1 ¼	31.78	30.	13.6	4.8	2.18	
	MP-03		1 ½	38.1	28.5	12.93	3.8	1.72	
	MP-03A		1 ¾	44.45	29.8	13.52	3.4	1.54	
	MP-04		2	50.8	28.	12.7	2.8	1.27	
	MP-05		2 ½	63.5	30.	13.61	2.4	1.09	
	Wire .039 x .070		MP-06	3	76.2	27.	12.25	1.8	.82
	MP-024	12	304.8	36.	16.33	.6	.27		
½" 12.7 mm	MP-12	9/32" 7.1 mm	1	25.4	50.	22.68	10.	4.54	
	MP-12A		1 ¼	31.78	57.5	26.08	9.2	4.17	
	MP-13		1 ½	38.1	57.	25.86	7.6	3.45	
	MP-13A		1 ¾	44.45	59.5	26.99	6.8	3.08	
	MP-14		2	50.8	64.	29.03	6.4	2.9	
	MP-15		2 ½	63.5	65.	29.48	5.2	2.36	
	Wire .052 x .093		MP-16	3	76.2	60.	27.22	4.	1.81
			MP-17	3 ½	88.9	52.5	23.81	3.	1.36
			MP-19	4 ½	114.3	56.3	25.4	2.5	1.3
			MP-111	5 ½	139.7	57.8	26.3	2.4	.95
			MP-113	6 ½	165.1	52.	23.6	4.6	.73
			MP-115	7 ½	190.5	41.	18.6	4.4	.5
			MP-124	12	304.8	48.	21.78	.8	.36
5/8" 15.9 mm	MP-22	11/32" 8.7 mm	1	25.4	65.5	29.71	13.1	5.94	
	MP-22A		1 ¼	31.78	80.	36.29	12.8	5.81	
	MP-23		1 ½	38.1	81.	36.74	10.8	4.9	
	MP-23A		1 ¾	44.5	84.	38.10	9.6	4.35	
	MP-24		2	50.8	88	39.92	8.8	3.99	
	MP-25		2 ½	63.5	75.	34.02	6.	2.72	
	MP-26		3	76.2	84.	38.10	5.6	2.54	
	Wire .069 x .109		MP-27	3 ½	88.9	84.	38.10	4.8	2.18
			MP-28	4	101.6	88	39.92	4.4	2.
	MP-224	12	304.8	84.	38.10	1.4	.64		
¾" 19.1 mm	MP-32	3/8" 9.5 mm	1	25.4	156.	70.76	31.2	14.52	
	MP-32A		1 ¼	31.78	160.	72.58	25.6	11.61	
	MP-33		1 ½	38.1	150.	68.04	20.	9.07	
	MP-33A		1 ¾	44.5	154.	69.85	17.6	7.98	
	MP-34		2	50.8	144.	65.32	14.4	6.53	

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Wire .075 x .165	MP-35		2 ½	63.5	150.	68.04	12.	5.44	
	MP-36		3	76.2	144.	65.32	9.6	4.35	
	MP-37		3 ½	88.9	140.	63.5	8.	3.63	
	MP-38		4	101.6	144.	65.32	7.2	3.27	
	MP-39		4 ½	114.3	144.	65.32	6.4	2.9	
	MP-310		5	127.	140.	63.5	5.6	2.54	
	MP-311		5 ½	139.7	132.	59.87	4.8	2.18	
	MP-312		6	152.4	120.	54.43	4.	1.81	
	MP-313		6 ½	165.1	126.8	54.9	3.9	1.7	
	MP-315		7 ½	190.5	123.8	56.3	3.3	1.5	
	MP-324		12	304.8	144.	65.32	2.4	1.09	
Wire .100 x .215	MP-42	½" 12.7 mm	1	25.4	268.	121.56	53.6	24.31	
	MP-42A		1 ¼	31.78	272.5	123.61	43.6	19.78	
	MP-43		1 ½	38.1	252.	114.31	33.6	15.24	
	MP-43A		1 ¾	44.5	252.	114.31	28.8	13.06	
	MP-44		2	50.8	232.	105.24	23.2	10.52	
	MP-45		2 ½	63.5	250.	113.4	20.	9.07	
	MP-46		3	76.2	228.	103.42	15.2	6.89	
	MP-47		3 ½	88.9	224.	101.61	12.8	5.81	
	MP-48		4	101.6	240.	108.86	12.	5.44	
	MP-49		4 ½	114.3	234.	106.14	10.4	4.72	
	MP-410		5	127.	240.	108.86	9.6	4.35	
	MP-411		5 ½	139.7	242.	109.77	8.8	3.99	
	MP-412		6	152.4	240.	108.86	8.	3.63	
	MP-414		7	177.8	252.	114.31	7.2	3.27	
	MP-416		8	203.2	224.	101.61	5.6	2.54	
MP-424		12	304.8	240.	108.86	4.	1.81		
Wire .115 x .285	MP-53	5/8" 15.9 mm	1 ½	38.1	372.	168.74	49.6	22.5	
	MP-53A		1 ¾	44.5	371.	168.29	42.4	19.23	
	MP-54		2	50.8	352.	159.67	35.2	15.97	
	MP-55		2 ½	63.5	360.	1633	28.8	13.06	
	MP-56		3	76.2	360.	163.3	24.	10.89	
	MP-57		3 ½	88.9	250.	158.76	20.	9.07	
	MP-58		4	101.6	352.	159.67	17.6	7.98	
	MP-59		4 ½	114.3	360.	163.3	16.	7.26	
	MP-510		5	127.	340.	154.22	13.6	6.17	
	MP-511		5 ½	139.7	352.	159.67	12.8	5.81	
	MP-512		6	152.4	360.	163.3	12.	5.44	
	MP-514		7	177.8	364.	165.11	10.4	4.72	
	MP-516		8	203.2	352.	159.637	8.8	3.99	
	MP-520		10	254.	360.	163.3	7.2	3.27	
	MP-524		12	304.8	336.	152.41	5.6	2.54	
Wire .135 x .345	MP-64	¾" 19.1 mm	2	50.8	448.	203.21	44.8	20.32	
	MP-65		2 ½	63.5	460.	208.66	36.8	16.69	
	MP-66		3	76.2	504.	228.61	33.6	15.24	
	MP-67		3 ½	88.9	462.	209.56	26.4	11.98	
	MP-68		4	101.6	432.	195.96	21.6	9.8	
	MP-69		4 ½	114.3	468.	212.28	20.8	9.43	
	MP-610		5	127.	500.	226.8	20.	9.07	

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	MP-611		5 ½	139.7	462.	209.56	16.8	7.62	
	MP-612		6	152.4	432.	195.96	14.4	6.53	
	MP-614		7	177.8	476.	215.91	13.6	6.17	
	MP-616		8	203.2	512.	232.24	12.8	5.81	
	MP-620		10	254.	440.	199.58	8.8	3.99	
	MP-624		12	304.8	480.	217.73	8.	3.63	
2" 5.8 mm Wire .195 x .468	MP-85	1" 25.5 mm	2 ½	63.5	1120.	508.03	89.6	40.64	
	MP-86		3	76.2	1152.	522.55	76.8	34.84	
	MP-87		3 ½	88.9	1134.	514.38	64.8	29.39	
	MP-88		4	101.6	1104.	500.77	55.2	25.04	
	MP-89		4 ½	114.3	1062.	481.72	47.2	21.41	
	MP-810		5	127.	1040.	471.74	41.6	18.87	
	MP-811		5 ½	139.7	1078.	488.98	39.2	17.78	
	MP-812		6	152.4	1056.	479.	35.2	15.97	
	MP-814		7	177.8	1092.	495.33	31.2	14.15	
	MP-816		8	203.2	1024.	464.49	25.6	11.61	
	MP-820		10	254.	1040.	471.74	20.8	9.43	
	MP-824		12	304.8	1008.	457.23	16.8	7.62	