



MBA

Springs - Die



High tensile strength chromium alloy steels.

Heat Resistance: Up to +230 °C (Loss of load occurs above +120 °C).

Spring Ends: Squared and ground.

For compressed length, Subtract Deflection from Free Length.

Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R204104	10.00 <i>0.394</i>	5.00 <i>0.197</i>	25.00 <i>0.984</i>	16.00	80 / 5	100 / 6.3	120 / 7.5	152 / 9.5
# R203104	10.00 <i>0.394</i>	5.00 <i>0.197</i>	25.00 <i>0.984</i>	10.00	62.5 / 6.3	75 / 7.5	87.5 / 8.8	103 / 10.3
# R205104	10.00 <i>0.394</i>	5.00 <i>0.197</i>	25.00 <i>0.984</i>	22.10	82.9 / 3.8	110.5 / 5	138.1 / 6.3	165.8 / 7.5
# R206104	10.00 <i>0.394</i>	5.00 <i>0.197</i>	25.00 <i>0.984</i>	36.80	138 / 3.8	156.4 / 4.3	184 / 5	228.2 / 6.2

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205105	10.00 <i>0.394</i>	5.00 <i>0.197</i>	32.00 <i>1.260</i>	17.50	84 / 4.8	112 / 6.4	140 / 8	168 / 9.6
# R203105	10.00 <i>0.394</i>	5.00 <i>0.197</i>	32.00 <i>1.260</i>	8.50	68 / 8	81.6 / 9.6	95.2 / 11.2	111.4 / 13.1
# R204105	10.00 <i>0.394</i>	5.00 <i>0.197</i>	32.00 <i>1.260</i>	13.00	83.2 / 6.4	104 / 8	124.8 / 9.6	158.6 / 12.2
# R206105	10.00 <i>0.394</i>	5.00 <i>0.197</i>	32.00 <i>1.260</i>	27.90	133.9 / 4.8	151.8 / 5.4	178.6 / 6.4	223.2 / 8
# R204106	10.00 <i>0.394</i>	5.00 <i>0.197</i>	38.00 <i>1.496</i>	11.90	90.4 / 7.6	113.1 / 9.5	135.7 / 11.4	171.4 / 14.4
# R205106	10.00 <i>0.394</i>	5.00 <i>0.197</i>	38.00 <i>1.496</i>	17.10	97.5 / 5.7	130 / 7.6	162.5 / 9.5	194.9 / 11.4
# R206106	10.00 <i>0.394</i>	5.00 <i>0.197</i>	38.00 <i>1.496</i>	23.70	135.1 / 5.7	153.1 / 6.5	180.1 / 7.6	225.2 / 9.5
# R203106	10.00 <i>0.394</i>	5.00 <i>0.197</i>	38.00 <i>1.496</i>	6.80	64.6 / 9.5	77.5 / 11.4	90.4 / 13.3	106.1 / 15.6
# R204107	10.00 <i>0.394</i>	5.00 <i>0.197</i>	44.00 <i>1.732</i>	10.30	90.6 / 8.8	113.3 / 11	136 / 13.2	172 / 16.7
# R206107	10.00 <i>0.394</i>	5.00 <i>0.197</i>	44.00 <i>1.732</i>	19.20	126.7 / 6.6	143.6 / 7.5	169 / 8.8	211.2 / 11

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203107	10.00 <i>0.394</i>	5.00 <i>0.197</i>	44.00 <i>1.732</i>	6.00	66 / 11	79.2 / 13.2	92.4 / 15.4	108 / 18
# R205107	10.00 <i>0.394</i>	5.00 <i>0.197</i>	44.00 <i>1.732</i>	15.00	99 / 6.6	132 / 8.8	165 / 11	198 / 13.2
# R205108	10.00 <i>0.394</i>	5.00 <i>0.197</i>	51.00 <i>2.008</i>	12.80	97.9 / 7.7	130.6 / 10.2	163.2 / 12.8	195.8 / 15.3
# R204108	10.00 <i>0.394</i>	5.00 <i>0.197</i>	51.00 <i>2.008</i>	8.90	90.8 / 10.2	113.5 / 12.8	136.2 / 15.3	172.7 / 19.4
# R206108	10.00 <i>0.394</i>	5.00 <i>0.197</i>	51.00 <i>2.008</i>	16.50	126.2 / 7.7	143.1 / 8.7	168.3 / 10.2	214.5 / 13
# R203108	10.00 <i>0.394</i>	5.00 <i>0.197</i>	51.00 <i>2.008</i>	5.00	63.8 / 12.8	76.5 / 15.3	89.3 / 17.9	104.5 / 20.9
# R206110	10.00 <i>0.394</i>	5.00 <i>0.197</i>	64.00 <i>2.520</i>	13.20	126.7 / 9.6	143.6 / 10.9	169 / 12.8	211.2 / 16
# R203110	10.00 <i>0.394</i>	5.00 <i>0.197</i>	64.00 <i>2.520</i>	4.30	68.8 / 16	82.6 / 19.2	96.3 / 22.4	111.8 / 26
# R205110	10.00 <i>0.394</i>	5.00 <i>0.197</i>	64.00 <i>2.520</i>	10.70	102.7 / 9.6	137 / 12.8	171.2 / 16	205.4 / 19.2
# R204110	10.00 <i>0.394</i>	5.00 <i>0.197</i>	64.00 <i>2.520</i>	7.50	96 / 12.8	120 / 16	144 / 19.2	182.3 / 24.3

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Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203112	10.00 <i>0.394</i>	5.00 <i>0.197</i>	76.00 <i>2.992</i>	3.20	60.8 / 19	73 / 22.8	85.1 / 26.6	99.8 / 31.2
# R206112	10.00 <i>0.394</i>	5.00 <i>0.197</i>	76.00 <i>2.992</i>	10.90	124.3 / 11.4	140.8 / 12.9	165.7 / 15.2	207.1 / 19
# R205112	10.00 <i>0.394</i>	5.00 <i>0.197</i>	76.00 <i>2.992</i>	7.50	85.5 / 11.4	114 / 15.2	142.5 / 19	171 / 22.8
# R204112	10.00 <i>0.394</i>	5.00 <i>0.197</i>	76.00 <i>2.992</i>	5.30	80.6 / 15.2	100.7 / 19	120.8 / 22.8	153.2 / 28.9
# R203148	10.00 <i>0.394</i>	5.00 <i>0.197</i>	305.00 <i>12.008</i>	1.10	83.9 / 76.3	100.7 / 91.5	17.4 / 106.8	137.5 / 125
# R205148	10.00 <i>0.394</i>	5.00 <i>0.197</i>	305.00 <i>12.008</i>	2.10	96.1 / 45.8	128.1 / 61	160.1 / 76.3	192.2 / 91.5
# R206148	10.00 <i>0.394</i>	5.00 <i>0.197</i>	305.00 <i>12.008</i>	2.60	119 / 45.8	134.8 / 51.9	158.6 / 61	197.6 / 76
# R204148	10.00 <i>0.394</i>	5.00 <i>0.197</i>	305.00 <i>12.008</i>	1.60	97.6 / 61	122 / 76.3	146.4 / 91.5	185.6 / 116
R204204	12.50 <i>0.492</i>	6.30 <i>0.248</i>	25.00 <i>0.984</i>	30.00	150 / 5	187.5 / 6.3	225 / 7.5	285 / 9.5
# R203204	12.50 <i>0.492</i>	6.30 <i>0.248</i>	25.00 <i>0.984</i>	17.90	111.9 / 6.3	134.3 / 7.5	156.6 / 8.8	184.4 / 10.3

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206204	12.50 <i>0.492</i>	6.30 <i>0.248</i>	25.00 <i>0.984</i>	58.50	219.4 / 3.8	248.6 / 4.3	292.5 / 5	362.7 / 6.2
# R205204	12.50 <i>0.492</i>	6.30 <i>0.248</i>	25.00 <i>0.984</i>	42.10	157.9 / 3.8	210.5 / 5	263.1 / 6.3	315.8 / 7.5
# R203205	12.50 <i>0.492</i>	6.30 <i>0.248</i>	32.00 <i>1.260</i>	16.40	131.2 / 8	157.4 / 9.6	183.7 / 11.2	214.8 / 13.1
# R205205	12.50 <i>0.492</i>	6.30 <i>0.248</i>	32.00 <i>1.260</i>	33.20	159.4 / 4.8	212.5 / 6.4	265.6 / 8	318.7 / 9.6
# R206205	12.50 <i>0.492</i>	6.30 <i>0.248</i>	32.00 <i>1.260</i>	43.90	210.7 / 4.8	238.8 / 5.4	281 / 6.4	351.2 / 8
# R204205	12.50 <i>0.492</i>	6.30 <i>0.248</i>	32.00 <i>1.260</i>	24.80	158.7 / 6.4	198.4 / 8	238.1 / 9.6	302.6 / 12.2
# R205206	12.50 <i>0.492</i>	6.30 <i>0.248</i>	38.00 <i>1.496</i>	29.30	167 / 5.7	222.7 / 7.6	278.4 / 9.5	334 / 11.4
# R204206	12.50 <i>0.492</i>	6.30 <i>0.248</i>	38.00 <i>1.496</i>	21.40	162.6 / 7.6	203.3 / 9.5	244 / 11.4	308.2 / 14.4
# R206206	12.50 <i>0.492</i>	6.30 <i>0.248</i>	38.00 <i>1.496</i>	36.00	205.2 / 5.7	232.6 / 6.5	273.6 / 7.6	342 / 9.5
# R203206	12.50 <i>0.492</i>	6.30 <i>0.248</i>	38.00 <i>1.496</i>	13.60	129.2 / 9.5	155 / 11.4	180.9 / 13.3	212.2 / 15.6

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206207	12.50 <i>0.492</i>	6.30 <i>0.248</i>	44.00 <i>1.732</i>	30.30	200 / 6.6	226.6 / 7.5	266.6 / 8.8	333.3 / 11
# R205207	12.50 <i>0.492</i>	6.30 <i>0.248</i>	44.00 <i>1.732</i>	24.60	162.4 / 6.6	216.5 / 8.8	270.6 / 11	324.7 / 13.2
# R203207	12.50 <i>0.492</i>	6.30 <i>0.248</i>	44.00 <i>1.732</i>	12.10	133.1 / 11	159.7 / 13.2	186.3 / 15.4	217.8 / 18
# R204207	12.50 <i>0.492</i>	6.30 <i>0.248</i>	44.00 <i>1.732</i>	18.50	162.8 / 8.8	203.5 / 11	244.2 / 13.2	309 / 16.7
# R205208	12.50 <i>0.492</i>	6.30 <i>0.248</i>	51.00 <i>2.008</i>	19.60	149.9 / 7.7	199.9 / 10.2	249.9 / 12.8	299.9 / 15.3
# R206208	12.50 <i>0.492</i>	6.30 <i>0.248</i>	51.00 <i>2.008</i>	26.20	200.4 / 7.7	227.2 / 8.7	267.2 / 10.2	340.6 / 13
# R204208	12.50 <i>0.492</i>	6.30 <i>0.248</i>	51.00 <i>2.008</i>	15.50	158.1 / 10.2	197.6 / 12.8	237.2 / 15.3	300.7 / 19.4
# R203208	12.50 <i>0.492</i>	6.30 <i>0.248</i>	51.00 <i>2.008</i>	11.40	145.4 / 12.8	174.4 / 15.3	203.5 / 17.9	238.3 / 20.9
# R206210	12.50 <i>0.492</i>	6.30 <i>0.248</i>	64.00 <i>2.520</i>	21.20	203.5 / 9.6	230.7 / 10.9	271.4 / 12.8	339.2 / 16
# R205210	12.50 <i>0.492</i>	6.30 <i>0.248</i>	64.00 <i>2.520</i>	15.00	144 / 9.6	192 / 12.8	240 / 16	288 / 19.2

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R204210	12.50 <i>0.492</i>	6.30 <i>0.248</i>	64.00 <i>2.520</i>	12.10	154.9 / 12.8	193.6 / 16	232.3 / 19.2	294 / 24.3
# R203210	12.50 <i>0.492</i>	6.30 <i>0.248</i>	64.00 <i>2.520</i>	9.30	148.8 / 16	178.6 / 19.2	208.3 / 22.4	244.6 / 26.3
# R204212	12.50 <i>0.492</i>	6.30 <i>0.248</i>	76.00 <i>2.992</i>	10.20	155 / 15.2	193.8 / 19	232.6 / 22.8	294.8 / 28.9
# R203212	12.50 <i>0.492</i>	6.30 <i>0.248</i>	76.00 <i>2.992</i>	7.10	134.9 / 19	161.9 / 22.8	188.9 / 26.6	221.5 / 31.2
# R205212	12.50 <i>0.492</i>	6.30 <i>0.248</i>	76.00 <i>2.992</i>	13.20	150.5 / 11.4	200.6 / 15.2	250.8 / 19	301 / 22.8
# R206212	12.50 <i>0.492</i>	6.30 <i>0.248</i>	76.00 <i>2.992</i>	17.10	194.9 / 11.4	220.9 / 12.9	259.9 / 15.2	324.9 / 19
# R206214	12.50 <i>0.492</i>	6.30 <i>0.248</i>	89.00 <i>3.504</i>	14.50	193.6 / 13.4	219.4 / 15.1	258.1 / 17.8	319 / 22
# R203214	12.50 <i>0.492</i>	6.30 <i>0.248</i>	89.00 <i>3.504</i>	5.40	120.2 / 22.3	144.2 / 26.7	168.2 / 31.2	197.1 / 36.5
# R205214	12.50 <i>0.492</i>	6.30 <i>0.248</i>	89.00 <i>3.504</i>	11.40	152.2 / 13.4	202.9 / 17.8	253.7 / 22.3	304.4 / 26.7
# R204214	12.50 <i>0.492</i>	6.30 <i>0.248</i>	89.00 <i>3.504</i>	8.40	149.5 / 17.8	186.9 / 22.3	224.3 / 26.7	283.9 / 33.8

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205248	12.50 <i>0.492</i>	6.30 <i>0.248</i>	305.00 <i>12.008</i>	2.80	128.1 / 45.8	170.8 / 61	213.5 / 76.3	256.2 / 91.5
# R206248	12.50 <i>0.492</i>	6.30 <i>0.248</i>	305.00 <i>12.008</i>	4.30	196.7 / 45.8	223 / 51.9	262.3 / 61	326.8 / 76
# R204248	12.50 <i>0.492</i>	6.30 <i>0.248</i>	305.00 <i>12.008</i>	2.10	128.1 / 61	160.1 / 76.3	192.2 / 91.5	243.6 / 116
# R203248	12.50 <i>0.492</i>	6.30 <i>0.248</i>	305.00 <i>12.008</i>	1.40	106.8 / 76.3	128.1 / 91.5	149.5 / 106.8	175 / 125
# R206304	16.00 <i>0.630</i>	8.00 <i>0.315</i>	25.00 <i>0.984</i>	118.00	442.5 / 3.8	501.5 / 4.3	590 / 5	731.6 / 6.2
# R204304	16.00 <i>0.630</i>	8.00 <i>0.315</i>	25.00 <i>0.984</i>	49.40	247 / 5	308.8 / 6.3	370.5 / 7.5	469.3 / 9.5
# R205304	16.00 <i>0.630</i>	8.00 <i>0.315</i>	25.00 <i>0.984</i>	75.70	283.9 / 3.8	378.5 / 5	473.1 / 6.3	567.8 / 7.5
# R203304	16.00 <i>0.630</i>	8.00 <i>0.315</i>	25.00 <i>0.984</i>	23.40	146.8 / 6.3	175.5 / 7.5	204.8 / 8.8	241 / 10.3
# R204305	16.00 <i>0.630</i>	8.00 <i>0.315</i>	32.00 <i>1.260</i>	37.10	237.4 / 6.4	296.8 / 8	356.2 / 9.6	452.6 / 12.2
# R203305	16.00 <i>0.630</i>	8.00 <i>0.315</i>	32.00 <i>1.260</i>	22.90	183.2 / 8	219.8 / 9.6	256.5 / 11.2	300 / 13.1

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205305	16.00 <i>0.630</i>	8.00 <i>0.315</i>	32.00 <i>1.260</i>	52.80	253.4 / 4.8	337.9 / 6.4	422.4 / 8	506.9 / 9.6
# R206305	16.00 <i>0.630</i>	8.00 <i>0.315</i>	32.00 <i>1.260</i>	89.00	427.2 / 4.8	484.2 / 5.4	569.6 / 6.4	712 / 8
# R204306	16.00 <i>0.630</i>	8.00 <i>0.315</i>	38.00 <i>1.496</i>	33.90	257.6 / 7.6	322.1 / 9.5	386.5 / 11.4	488.2 / 14.4
# R203306	16.00 <i>0.630</i>	8.00 <i>0.315</i>	38.00 <i>1.496</i>	19.30	183.4 / 9.5	220 / 11.4	256.7 / 13.3	301.1 / 15.6
# R205306	16.00 <i>0.630</i>	8.00 <i>0.315</i>	38.00 <i>1.496</i>	48.50	276.5 / 5.7	368.6 / 7.6	460.8 / 9.5	552.9 / 11.4
# R206306	16.00 <i>0.630</i>	8.00 <i>0.315</i>	38.00 <i>1.496</i>	72.10	411 / 5.7	465.8 / 6.5	548 / 7.6	685 / 9.5
# R205307	16.00 <i>0.630</i>	8.00 <i>0.315</i>	44.00 <i>1.732</i>	42.80	282.5 / 6.6	376.6 / 8.8	470.8 / 11	565 / 13.2
# R206307	16.00 <i>0.630</i>	8.00 <i>0.315</i>	44.00 <i>1.732</i>	60.90	401.9 / 6.6	455.5 / 7.5	535.9 / 8.8	669.9 / 11
# R203307	16.00 <i>0.630</i>	8.00 <i>0.315</i>	44.00 <i>1.732</i>	17.10	188.1 / 11	225.7 / 13.2	263.3 / 15.4	307.8 / 18
# R204307	16.00 <i>0.630</i>	8.00 <i>0.315</i>	44.00 <i>1.732</i>	30.00	264 / 8.8	330 / 11	396 / 13.2	501 / 16.7

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205308	16.00 <i>0.630</i>	8.00 <i>0.315</i>	51.00 <i>2.008</i>	37.10	283.8 / 7.7	378.4 / 10.2	473 / 12.8	567.6 / 15.3
# R206308	16.00 <i>0.630</i>	8.00 <i>0.315</i>	51.00 <i>2.008</i>	52.30	400.1 / 7.7	453.4 / 8.7	533.5 / 10.2	679.9 / 13
# R203308	16.00 <i>0.630</i>	8.00 <i>0.315</i>	51.00 <i>2.008</i>	15.70	200.2 / 12.8	240.2 / 15.3	280.2 / 17.9	328.1 / 20.9
# R204308	16.00 <i>0.630</i>	8.00 <i>0.315</i>	51.00 <i>2.008</i>	26.40	269.3 / 10.2	336.6 / 12.8	403.9 / 15.3	512.2 / 19.4
# R206310	16.00 <i>0.630</i>	8.00 <i>0.315</i>	64.00 <i>2.520</i>	41.20	395.5 / 9.6	448.3 / 10.9	527.4 / 12.8	659.2 / 16
# R203310	16.00 <i>0.630</i>	8.00 <i>0.315</i>	64.00 <i>2.520</i>	10.70	171.2 / 16	205.4 / 19.2	239.7 / 22.4	281.4 / 26.3
# R204310	16.00 <i>0.630</i>	8.00 <i>0.315</i>	64.00 <i>2.520</i>	20.50	262.4 / 12.8	328 / 16	393.6 / 19.2	498.2 / 24.3
# R205310	16.00 <i>0.630</i>	8.00 <i>0.315</i>	64.00 <i>2.520</i>	30.30	290.9 / 9.6	387.8 / 12.8	484.8 / 16	581.8 / 19.2
# R204312	16.00 <i>0.630</i>	8.00 <i>0.315</i>	76.00 <i>2.992</i>	17.80	270.6 / 15.2	338.2 / 19	405.8 / 22.8	514.4 / 28.9
# R203312	16.00 <i>0.630</i>	8.00 <i>0.315</i>	76.00 <i>2.992</i>	10.00	190 / 19	228 / 22.8	266 / 26.6	312 / 31.2

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205312	16.00 <i>0.630</i>	8.00 <i>0.315</i>	76.00 <i>2.992</i>	35.70	293 / 11.4	390.6 / 15.2	488.3 / 19	586 / 22.8
# R206312	16.00 <i>0.630</i>	8.00 <i>0.315</i>	76.00 <i>2.992</i>	34.10	388.7 / 11.4	440.6 / 12.9	518.3 / 15.2	647.9 / 19
# R204314	16.00 <i>0.630</i>	8.00 <i>0.315</i>	89.00 <i>3.504</i>	15.20	270.6 / 17.8	338.2 / 22.3	405.8 / 26.7	513.8 / 33.8
# R205314	16.00 <i>0.630</i>	8.00 <i>0.315</i>	89.00 <i>3.504</i>	21.70	289.7 / 13.4	386.3 / 17.8	482.8 / 22.3	579.4 / 26.7
# R206314	16.00 <i>0.630</i>	8.00 <i>0.315</i>	89.00 <i>3.504</i>	29.50	393.8 / 13.4	446.3 / 15.1	525.1 / 17.8	649 / 22
# R203314	16.00 <i>0.630</i>	8.00 <i>0.315</i>	89.00 <i>3.504</i>	8.60	191.4 / 22.3	229 / 26.7	267.9 / 31.2	313.9 / 36.5
# R204316	16.00 <i>0.630</i>	8.00 <i>0.315</i>	102.00 <i>4.016</i>	13.50	275.4 / 20.4	344.3 / 25.5	413.1 / 30.6	523.8 / 38.8
# R203316	16.00 <i>0.630</i>	8.00 <i>0.315</i>	102.00 <i>4.016</i>	7.80	198.9 / 25.5	238.7 / 30.6	278.5 / 35.7	326 / 41.8
# R206316	16.00 <i>0.630</i>	8.00 <i>0.315</i>	102.00 <i>4.016</i>	25.60	391.7 / 15.3	443.9 / 17.3	522.2 / 20.4	665.6 / 26
# R205316	16.00 <i>0.630</i>	8.00 <i>0.315</i>	102.00 <i>4.016</i>	19.30	295.3 / 15.3	393.7 / 20.4	492.2 / 25.5	590.6 / 30.6

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205348	16.00 <i>0.630</i>	8.00 <i>0.315</i>	305.00 <i>12.008</i>	7.10	324.8 / 45.8	433.1 / 61	541.4 / 76.3	649.7 / 91.5
# R206348	16.00 <i>0.630</i>	8.00 <i>0.315</i>	305.00 <i>12.008</i>	8.40	384.3 / 45.8	435.5 / 51.9	512.4 / 61	638.4 / 76
# R204348	16.00 <i>0.630</i>	8.00 <i>0.315</i>	305.00 <i>12.008</i>	4.80	292.8 / 61	366 / 76.3	439.2 / 91.5	556.8 / 116
# R203348	16.00 <i>0.630</i>	8.00 <i>0.315</i>	305.00 <i>12.008</i>	2.50	190.6 / 76.3	228.8 / 91.5	266.9 / 106.8	312.5 / 125
# R206404	20.00 <i>0.787</i>	10.00 <i>0.394</i>	25.00 <i>0.984</i>	293.00	1098.8 / 3.8	1245.3 / 4.3	1465 / 5	1816.6 / 6.2
# R203404	20.00 <i>0.787</i>	10.00 <i>0.394</i>	25.00 <i>0.984</i>	55.80	348.8 / 6.3	418.5 / 7.5	488.3 / 8.8	569.2 / 10.2
# R204404	20.00 <i>0.787</i>	10.00 <i>0.394</i>	25.00 <i>0.984</i>	98.00	490 / 5	612.5 / 6.3	735 / 7.5	921.2 / 9.4
# R205404	20.00 <i>0.787</i>	10.00 <i>0.394</i>	25.00 <i>0.984</i>	216.00	810 / 3.8	1080 / 5	1350 / 6.3	1620 / 7.5
# R203405	20.00 <i>0.787</i>	10.00 <i>0.394</i>	32.00 <i>1.260</i>	45.00	360 / 8	432 / 9.6	504 / 11.2	562.5 / 12.5
# R206405	20.00 <i>0.787</i>	10.00 <i>0.394</i>	32.00 <i>1.260</i>	224.00	1075.2 / 4.8	1218.6 / 5.4	1433.6 / 6.4	1792 / 8

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R204405	20.00 <i>0.787</i>	10.00 <i>0.394</i>	32.00 <i>1.260</i>	72.60	464.6 / 6.4	580.8 / 8	697 / 9.6	871.2 / 12
# R205405	20.00 <i>0.787</i>	10.00 <i>0.394</i>	32.00 <i>1.260</i>	168.00	806.4 / 4.8	10752 / 6.4	1344 / 8	1612.8 / 9.6
# R204406	20.00 <i>0.787</i>	10.00 <i>0.394</i>	38.00 <i>1.496</i>	56.00	425.6 / 7.6	532 / 9.5	638.4 / 11.4	784 / 14
# R203406	20.00 <i>0.787</i>	10.00 <i>0.394</i>	38.00 <i>1.496</i>	33.30	316.4 / 9.5	379.6 / 11.4	442.9 / 13.3	499.5 / 15
# R205406	20.00 <i>0.787</i>	10.00 <i>0.394</i>	38.00 <i>1.496</i>	129.00	735.3 / 5.7	980.4 / 7.6	1225.5 / 9.5	1419 / 11
# R206406	20.00 <i>0.787</i>	10.00 <i>0.394</i>	38.00 <i>1.496</i>	177.00	1008.9 / 5.7	1143.4 / 6.5	1345.2 / 7.6	1681.5 / 9.5
# R206407	20.00 <i>0.787</i>	10.00 <i>0.394</i>	44.00 <i>1.732</i>	149.00	983.4 / 6.6	1114.5 / 7.5	1311.2 / 8.8	1639 / 11
# R204407	20.00 <i>0.787</i>	10.00 <i>0.394</i>	44.00 <i>1.732</i>	47.50	418 / 8.8	522.5 / 11	627 / 13.2	783.8 / 16.5
# R203407	20.00 <i>0.787</i>	10.00 <i>0.394</i>	44.00 <i>1.732</i>	30.00	330 / 11	396 / 13.2	462 / 15.4	540 / 18
# R205407	20.00 <i>0.787</i>	10.00 <i>0.394</i>	44.00 <i>1.732</i>	112.00	739.2 / 6.6	985.6 / 8.8	1232 / 11	1456 / 13

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205408	20.00 <i>0.787</i>	10.00 <i>0.394</i>	51.00 <i>2.008</i>	94.00	719.1 / 7.7	958.8 / 10.2	1198.5 / 12.8	1410 / 15
# R206408	20.00 <i>0.787</i>	10.00 <i>0.394</i>	51.00 <i>2.008</i>	128.00	979.2 / 7.7	1109.8 / 8.7	1305.6 / 10.2	1664 / 13
# R204408	20.00 <i>0.787</i>	10.00 <i>0.394</i>	51.00 <i>2.008</i>	41.70	425.3 / 10.2	531.7 / 12.8	638 / 15.3	792.3 / 19
# R203408	20.00 <i>0.787</i>	10.00 <i>0.394</i>	51.00 <i>2.008</i>	24.50	312.4 / 12.8	374.9 / 15.3	437.3 / 17.9	490 / 20
# R206410	20.00 <i>0.787</i>	10.00 <i>0.394</i>	64.00 <i>2.520</i>	99.00	950.4 / 9.6	1077.1 / 10.9	1267.2 / 12.8	1584 / 16
# R203410	20.00 <i>0.787</i>	10.00 <i>0.394</i>	64.00 <i>2.520</i>	20.00	320 / 16	384 / 19.2	448 / 22.4	500 / 25
# R205410	20.00 <i>0.787</i>	10.00 <i>0.394</i>	64.00 <i>2.520</i>	72.10	692.2 / 9.6	922.9 / 12.8	1153.6 / 16	1369.9 / 19
# R204410	20.00 <i>0.787</i>	10.00 <i>0.394</i>	64.00 <i>2.520</i>	32.30	413.4 / 12.8	516.8 / 16	620.2 / 19.2	775.2 / 24
# R206412	20.00 <i>0.787</i>	10.00 <i>0.394</i>	76.00 <i>2.992</i>	81.70	931.4 / 11.4	1055.6 / 12.9	1241.8 / 15.2	1552.3 / 19
# R204412	20.00 <i>0.787</i>	10.00 <i>0.394</i>	76.00 <i>2.992</i>	25.10	381.5 / 15.2	476.9 / 19	572.3 / 22.8	702.8 / 28

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205412	20.00 <i>0.787</i>	10.00 <i>0.394</i>	76.00 <i>2.992</i>	59.70	680.6 / 11.4	907.4 / 15.2	1134.3 / 19	1373.1 / 23
# R203412	20.00 <i>0.787</i>	10.00 <i>0.394</i>	76.00 <i>2.992</i>	16.00	304 / 19	364.8 / 22.8	425.6 / 26.6	480 / 30
# R204414	20.00 <i>0.787</i>	10.00 <i>0.394</i>	89.00 <i>3.504</i>	22.00	391.6 / 17.8	489.5 / 22.3	587.4 / 26.7	726 / 33
# R206414	20.00 <i>0.787</i>	10.00 <i>0.394</i>	89.00 <i>3.504</i>	69.50	927.8 / 13.4	1051.5 / 15.1	1237.1 / 17.8	1529 / 22
# R203414	20.00 <i>0.787</i>	10.00 <i>0.394</i>	89.00 <i>3.504</i>	14.00	311.5 / 22.3	373.8 / 26.7	436.1 / 31.2	490 / 35
# R205414	20.00 <i>0.787</i>	10.00 <i>0.394</i>	89.00 <i>3.504</i>	50.50	674.2 / 13.4	898.9 / 17.8	1123.6 / 22.3	1363.5 / 27
# R205416	20.00 <i>0.787</i>	10.00 <i>0.394</i>	102.00 <i>4.016</i>	44.20	676.3 / 15.3	901.7 / 20.4	1127.1 / 25.5	1370.2 / 31
# R204416	20.00 <i>0.787</i>	10.00 <i>0.394</i>	102.00 <i>4.016</i>	19.80	403.9 / 20.4	504.9 / 25.5	605.9 / 30.6	752.4 / 38
# R206416	20.00 <i>0.787</i>	10.00 <i>0.394</i>	102.00 <i>4.016</i>	60.60	927.2 / 15.3	1050.8 / 17.3	1236.2 / 20.4	1575.6 / 26
# R203416	20.00 <i>0.787</i>	10.00 <i>0.394</i>	102.00 <i>4.016</i>	12.00	306 / 25.5	367.2 / 30.6	428.4 / 35.7	492 / 41

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206418	20.00 <i>0.787</i>	10.00 <i>0.394</i>	115.00 <i>4.528</i>	53.00	914.3 / 17.3	1036.2 / 19.6	1219 / 23	1537 / 29
# R205418	20.00 <i>0.787</i>	10.00 <i>0.394</i>	115.00 <i>4.528</i>	38.40	662.4 / 17.3	883.2 / 23	1104 / 28.8	1344 / 35
# R204418	20.00 <i>0.787</i>	10.00 <i>0.394</i>	115.00 <i>4.528</i>	18.10	416.3 / 23	520.4 / 28.8	624.5 / 34.5	778.3 / 43
# R203418	20.00 <i>0.787</i>	10.00 <i>0.394</i>	115.00 <i>4.528</i>	10.90	313.4 / 28.8	376.1 / 34.5	438.7 / 40.3	501.4 / 46
# R206420	20.00 <i>0.787</i>	10.00 <i>0.394</i>	127.00 <i>5.000</i>	47.50	904.9 / 19.1	1025.5 / 21.6	1206.5 / 25.4	1520 / 32
# R204420	20.00 <i>0.787</i>	10.00 <i>0.394</i>	127.00 <i>5.000</i>	16.60	421.6 / 25.4	527.1 / 31.8	632.5 / 38.1	796.8 / 48
# R203420	20.00 <i>0.787</i>	10.00 <i>0.394</i>	127.00 <i>5.000</i>	9.50	301.6 / 31.8	362 / 38.1	422.3 / 44.5	484.5 / 51
# R205420	20.00 <i>0.787</i>	10.00 <i>0.394</i>	127.00 <i>5.000</i>	34.10	649.6 / 19.1	866.1 / 25.4	1082.7 / 31.8	1295.8 / 38
# R203422	20.00 <i>0.787</i>	10.00 <i>0.394</i>	139.00 <i>5.472</i>	8.40	291.9 / 34.8	350.3 / 41.7	408.7 / 48.7	470.4 / 56
# R204422	20.00 <i>0.787</i>	10.00 <i>0.394</i>	139.00 <i>5.472</i>	15.10	419.8 / 27.8	524.7 / 34.8	629.7 / 41.7	785.2 / 52

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206422	20.00 <i>0.787</i>	10.00 <i>0.394</i>	139.00 <i>5.472</i>	43.00	896.9 / 20.9	1016.1 / 23.6	1195.4 / 27.8	1505 / 35
# R205422	20.00 <i>0.787</i>	10.00 <i>0.394</i>	139.00 <i>5.472</i>	31.00	646.4 / 20.9	861.8 / 27.8	1077.3 / 34.8	1302 / 42
# R206424	20.00 <i>0.787</i>	10.00 <i>0.394</i>	152.00 <i>5.984</i>	39.00	889.2 / 22.8	1007.8 / 25.8	1185.6 / 30.4	1482 / 38
# R203424	20.00 <i>0.787</i>	10.00 <i>0.394</i>	152.00 <i>5.984</i>	7.50	285 / 38	342 / 45.6	399 / 53.2	457.5 / 61
# R205424	20.00 <i>0.787</i>	10.00 <i>0.394</i>	152.00 <i>5.984</i>	28.20	643 / 22.8	857.3 / 30.4	1071.6 / 38	1297.2 / 46
# R204424	20.00 <i>0.787</i>	10.00 <i>0.394</i>	152.00 <i>5.984</i>	13.20	401.3 / 30.4	501.6 / 38	601.9 / 45.6	752.4 / 57
# R205448	20.00 <i>0.787</i>	10.00 <i>0.394</i>	305.00 <i>12.008</i>	15.00	686.3 / 45.8	915 / 61	1143.8 / 76.3	1365 / 91
# R206448	20.00 <i>0.787</i>	10.00 <i>0.394</i>	305.00 <i>12.008</i>	21.20	969.9 / 45.8	1099.2 / 51.9	1293.2 / 61	1611.2 / 76
# R204448	20.00 <i>0.787</i>	10.00 <i>0.394</i>	305.00 <i>12.008</i>	6.10	372.1 / 61	465.1 / 76.3	558.2 / 91.5	695.4 / 114
# R203448	20.00 <i>0.787</i>	10.00 <i>0.394</i>	305.00 <i>12.008</i>	4.00	305 / 76.3	366 / 91.5	427 / 106.8	488 / 122

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203504	25.00 <i>0.984</i>	12.50 <i>0.492</i>	25.00 <i>0.984</i>	100.00	625 / 6.3	750 / 7.5	875 / 8.8	1020 / 10.2
# R204504	25.00 <i>0.984</i>	12.50 <i>0.492</i>	25.00 <i>0.984</i>	147.00	735 / 5	918.8 / 6.3	1102.5 / 7.5	1381.8 / 9.4
# R205504	25.00 <i>0.984</i>	12.50 <i>0.492</i>	25.00 <i>0.984</i>	375.00	1406.3 / 3.8	1875 / 5	2343.8 / 6.3	2812.5 / 7.5
# R206505	25.00 <i>0.984</i>	12.50 <i>0.492</i>	32.00 <i>1.260</i>	374.40	1797.1 / 4.8	2036.7 / 5.4	2396.2 / 6.4	2995.2 / 8
# R203505	25.00 <i>0.984</i>	12.50 <i>0.492</i>	32.00 <i>1.260</i>	80.30	642.4 / 8	770.9 / 9.6	899.4 / 11.2	1003.8 / 12.5
# R205505	25.00 <i>0.984</i>	12.50 <i>0.492</i>	32.00 <i>1.260</i>	297.00	1425.6 / 4.8	1900.8 / 6.4	2376 / 8	2851.2 / 9.6
# R204505	25.00 <i>0.984</i>	12.50 <i>0.492</i>	32.00 <i>1.260</i>	118.00	755.2 / 6.4	944 / 8	1132.8 / 9.6	1416 / 12
# R206506	25.00 <i>0.984</i>	12.50 <i>0.492</i>	38.00 <i>1.496</i>	346.00	1972.2 / 5.7	2235.2 / 6.5	2629.6 / 7.6	3287 / 9.5
# R203506	25.00 <i>0.984</i>	12.50 <i>0.492</i>	38.00 <i>1.496</i>	62.00	589 / 9.5	706.8 / 11.4	824.6 / 13.3	930 / 15
# R204506	25.00 <i>0.984</i>	12.50 <i>0.492</i>	38.00 <i>1.496</i>	93.00	706.8 / 7.6	883.5 / 9.5	1060.2 / 11.4	1302 / 14

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205506	25.00 <i>0.984</i>	12.50 <i>0.492</i>	38.00 <i>1.496</i>	219.00	1248.3 / 5.7	1664.4 / 7.6	2080.5 / 9.5	2409 / 11
# R203507	25.00 <i>0.984</i>	12.50 <i>0.492</i>	44.00 <i>1.732</i>	52.90	581.9 / 11	698.3 / 13.2	814.7 / 15.4	952.2 / 18
# R206507	25.00 <i>0.984</i>	12.50 <i>0.492</i>	44.00 <i>1.732</i>	244.00	1610.4 / 6.6	1825.1 / 7.5	2147.2 / 8.8	2684 / 11
# R204507	25.00 <i>0.984</i>	12.50 <i>0.492</i>	44.00 <i>1.732</i>	80.80	711 / 8.8	888.8 / 11	1066.6 / 13.2	1333.2 / 16.5
# R205507	25.00 <i>0.984</i>	12.50 <i>0.492</i>	44.00 <i>1.732</i>	187.00	1234.2 / 6.6	1645.6 / 8.8	2057 / 11	2431 / 13
# R203508	25.00 <i>0.984</i>	12.50 <i>0.492</i>	51.00 <i>2.008</i>	44.00	561 / 12.8	673.2 / 15.3	785.4 / 17.9	880 / 20
# R204508	25.00 <i>0.984</i>	12.50 <i>0.492</i>	51.00 <i>2.008</i>	68.60	699.7 / 10.2	874.7 / 12.8	1049.6 / 15.3	1303.4 / 19
# R206508	25.00 <i>0.984</i>	12.50 <i>0.492</i>	51.00 <i>2.008</i>	207.50	1587.4 / 7.7	1799 / 8.7	2116.5 / 10.2	2697.5 / 13
# R205508	25.00 <i>0.984</i>	12.50 <i>0.492</i>	51.00 <i>2.008</i>	156.00	1193.4 / 7.7	1591.2 / 10.2	1989 / 12.8	2340 / 15
# R205510	25.00 <i>0.984</i>	12.50 <i>0.492</i>	64.00 <i>2.520</i>	123.00	1180.8 / 9.6	1574.4 / 12.8	1968 / 16	2337 / 19

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R204510	25.00 <i>0.984</i>	12.50 <i>0.492</i>	64.00 <i>2.520</i>	53.00	678.4 / 12.8	848 / 16	17.6 / 19.2	1272 / 24
# R203510	25.00 <i>0.984</i>	12.50 <i>0.492</i>	64.00 <i>2.520</i>	35.20	563.2 / 16	675.8 / 19.2	788.5 / 22.4	880 / 25
# R206510	25.00 <i>0.984</i>	12.50 <i>0.492</i>	64.00 <i>2.520</i>	161.00	1545.6 / 9.6	1751.7 / 10.9	2060.8 / 12.8	2576 / 16
# R204512	25.00 <i>0.984</i>	12.50 <i>0.492</i>	76.00 <i>2.992</i>	43.20	656.6 / 15.2	820.8 / 19	985 / 22.8	1209.6 / 28
# R203512	25.00 <i>0.984</i>	12.50 <i>0.492</i>	76.00 <i>2.992</i>	28.00	532 / 19	638.4 / 22.8	744.8 / 26.6	840 / 30
# R205512	25.00 <i>0.984</i>	12.50 <i>0.492</i>	76.00 <i>2.992</i>	99.00	1128.6 / 11.4	1504.8 / 15.2	1881 / 19	2277 / 23
# R206512	25.00 <i>0.984</i>	12.50 <i>0.492</i>	76.00 <i>2.992</i>	130.80	149.1 / 11.4	1689.9 / 12.9	1988.2 / 15.2	2485.2 / 19
# R206514	25.00 <i>0.984</i>	12.50 <i>0.492</i>	89.00 <i>3.504</i>	110.50	1475.2 / 13.4	1671.9 / 15.1	1966.9 / 17.8	2431 / 22
# R204514	25.00 <i>0.984</i>	12.50 <i>0.492</i>	89.00 <i>3.504</i>	38.20	680 / 17.8	850 / 22.3	1019.9 / 26.7	1260.6 / 33
# R205514	25.00 <i>0.984</i>	12.50 <i>0.492</i>	89.00 <i>3.504</i>	84.00	1121.4 / 13.4	1495.2 / 17.8	1869 / 22.3	2268 / 27

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203514	25.00 <i>0.984</i>	12.50 <i>0.492</i>	89.00 <i>3.504</i>	24.00	534 / 22.3	640.8 / 26.7	747.6 / 31.2	840 / 35
# R203516	25.00 <i>0.984</i>	12.50 <i>0.492</i>	102.00 <i>4.016</i>	21.10	538.1 / 25.5	645.7 / 30.6	753.3 / 35.7	865.1 / 41
# R204516	25.00 <i>0.984</i>	12.50 <i>0.492</i>	102.00 <i>4.016</i>	33.00	673.2 / 20.4	841.5 / 25.5	1009.8 / 30.6	1254 / 38
# R205516	25.00 <i>0.984</i>	12.50 <i>0.492</i>	102.00 <i>4.016</i>	73.00	1116.9 / 15.3	1489.2 / 20.4	1861.5 / 25.5	2263 / 31
# R206516	25.00 <i>0.984</i>	12.50 <i>0.492</i>	102.00 <i>4.016</i>	96.30	1473.4 / 15.3	1669.8 / 17.3	1964.5 / 20.4	2503.8 / 26
# R205518	25.00 <i>0.984</i>	12.50 <i>0.492</i>	115.00 <i>4.528</i>	65.00	1121.3 / 17.3	1495 / 23	1868.8 / 28.8	2275 / 35
# R204518	25.00 <i>0.984</i>	12.50 <i>0.492</i>	115.00 <i>4.528</i>	28.00	644 / 23	805 / 28.8	966 / 34.5	1204 / 43
# R206518	25.00 <i>0.984</i>	12.50 <i>0.492</i>	115.00 <i>4.528</i>	85.70	1478.3 / 17.3	1675.4 / 19.6	1971.1 / 23	2485.3 / 29
# R203518	25.00 <i>0.984</i>	12.50 <i>0.492</i>	115.00 <i>4.528</i>	18.70	537.6 / 28.8	645.2 / 34.5	752.7 / 40.3	860.2 / 46
# R204520	25.00 <i>0.984</i>	12.50 <i>0.492</i>	127.00 <i>5.000</i>	25.90	657.9 / 25.4	822.3 / 31.8	986.8 / 38.1	1243.2 / 48

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203520	25.00 <i>0.984</i>	12.50 <i>0.492</i>	127.00 <i>5.000</i>	16.70	530.2 / 31.8	636.3 / 38.1	742.3 / 44.5	851.7 / 51
# R206520	25.00 <i>0.984</i>	12.50 <i>0.492</i>	127.00 <i>5.000</i>	76.30	1453.5 / 19.1	1647.3 / 21.6	1938 / 25.4	2441.6 / 32
# R205520	25.00 <i>0.984</i>	12.50 <i>0.492</i>	127.00 <i>5.000</i>	57.70	1099.2 / 19.1	1465.6 / 25.4	1832 / 31.8	2192.6 / 38
# R204522	25.00 <i>0.984</i>	12.50 <i>0.492</i>	139.00 <i>5.472</i>	23.20	645 / 27.8	806.2 / 34.8	967.4 / 41.7	1206.4 / 52
# R203522	25.00 <i>0.984</i>	12.50 <i>0.492</i>	139.00 <i>5.472</i>	15.30	531.7 / 34.8	638 / 41.7	744.3 / 48.7	856.8 / 56
# R205522	25.00 <i>0.984</i>	12.50 <i>0.492</i>	139.00 <i>5.472</i>	52.70	1098.8 / 20.9	1465.1 / 27.8	1831.3 / 34.8	2213.4 / 42
# R204524	25.00 <i>0.984</i>	12.50 <i>0.492</i>	152.00 <i>5.984</i>	20.80	632.3 / 30.4	790.4 / 38	948.5 / 45.6	1185.6 / 57
# R205524	25.00 <i>0.984</i>	12.50 <i>0.492</i>	152.00 <i>5.984</i>	47.80	1089.8 / 22.8	1453.1 / 30.4	1816.4 / 38	2198.8 / 46
# R206524	25.00 <i>0.984</i>	12.50 <i>0.492</i>	152.00 <i>5.984</i>	63.50	1447.8 / 22.8	1640.8 / 25.8	1930.4 / 30.4	2413 / 38
# R203524	25.00 <i>0.984</i>	12.50 <i>0.492</i>	152.00 <i>5.984</i>	14.00	532 / 38	638.4 / 45.6	744.8 / 53.2	854 / 61

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206528	25.00 <i>0.984</i>	12.50 <i>0.492</i>	178.00 <i>7.008</i>	53.90	1439.1 / 26.7	1631 / 30.3	1918.8 / 35.6	2371.6 / 44
# R204528	25.00 <i>0.984</i>	12.50 <i>0.492</i>	178.00 <i>7.008</i>	17.80	633.7 / 35.6	792.1 / 44.5	950.5 / 53.4	1192.6 / 67
# R203528	25.00 <i>0.984</i>	12.50 <i>0.492</i>	178.00 <i>7.008</i>	12.50	556.3 / 44.5	667.5 / 53.4	778.8 / 62.3	887.5 / 71
# R205528	25.00 <i>0.984</i>	12.50 <i>0.492</i>	178.00 <i>7.008</i>	41.00	1094.7 / 26.7	1459.6 / 35.6	1824.5 / 44.5	2173 / 53
# R206532	25.00 <i>0.984</i>	12.50 <i>0.492</i>	203.00 <i>7.992</i>	47.00	1431.2 / 30.5	1622 / 34.5	1908.2 / 40.6	2397 / 51
# R203532	25.00 <i>0.984</i>	12.50 <i>0.492</i>	203.00 <i>7.992</i>	10.40	527.8 / 50.8	633.4 / 60.9	738.9 / 71.1	842.4 / 81
# R205532	25.00 <i>0.984</i>	12.50 <i>0.492</i>	203.00 <i>7.992</i>	435.80	1090.1 / 30.5	1453.5 / 40.6	1816.9 / 50.8	2183.8 / 61
# R204532	25.00 <i>0.984</i>	12.50 <i>0.492</i>	203.00 <i>7.992</i>	15.80	641.5 / 40.6	801.9 / 50.8	962.2 / 60.9	1200.8 / 76
# R206548	25.00 <i>0.984</i>	12.50 <i>0.492</i>	305.00 <i>12.008</i>	30.90	1413.7 / 45.8	1602.2 / 51.9	1884.9 / 61	2348.4 / 76
# R205548	25.00 <i>0.984</i>	12.50 <i>0.492</i>	305.00 <i>12.008</i>	22.90	1047.7 / 45.8	1396.9 / 61	1746.1 / 76.3	2083.9 / 91

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203548	25.00 <i>0.984</i>	12.50 <i>0.492</i>	305.00 <i>12.008</i>	7.00	533.8 / 76.3	640.5 / 91.5	747.3 / 106.8	854 / 122
# R204548	25.00 <i>0.984</i>	12.50 <i>0.492</i>	305.00 <i>12.008</i>	10.20	622.2 / 61	777.8 / 76.3	933.3 / 91.5	1162.8 / 114
# R206606	32.00 <i>1.260</i>	16.00 <i>0.630</i>	38.00 <i>1.496</i>	528.20	3010.7 / 5.7	3412.2 / 6.5	4014.3 / 7.6	5017.9 / 9.5
# R205606	32.00 <i>1.260</i>	16.00 <i>0.630</i>	38.00 <i>1.496</i>	388.00	2211.6 / 5.7	2948.8 / 7.6	3686 / 9.5	4268 / 11
# R203606	32.00 <i>1.260</i>	16.00 <i>0.630</i>	38.00 <i>1.496</i>	94.00	893 / 9.5	1071.6 / 11.4	1250.2 / 13.3	1410 / 15
# R204606	32.00 <i>1.260</i>	16.00 <i>0.630</i>	38.00 <i>1.496</i>	185.00	1406 / 7.6	1757.5 / 9.5	2109 / 11.4	2590 / 14
# R204607	32.00 <i>1.260</i>	16.00 <i>0.630</i>	44.00 <i>1.732</i>	158.00	1390.4 / 8.8	1738 / 11	2085.6 / 13.2	2607 / 16.5
# R206607	32.00 <i>1.260</i>	16.00 <i>0.630</i>	44.00 <i>1.732</i>	424.40	2801 / 6.6	3174.5 / 7.5	3734.7 / 8.8	468.4 / 11
# R205607	32.00 <i>1.260</i>	16.00 <i>0.630</i>	44.00 <i>1.732</i>	324.00	2138.4 / 6.6	2851.2 / 8.8	3564 / 11	4212 / 13
# R203607	32.00 <i>1.260</i>	16.00 <i>0.630</i>	44.00 <i>1.732</i>	79.50	874.5 / 11	1049.4 / 13.2	1224.3 / 15.4	1431 / 18

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206608	32.00 <i>1.260</i>	16.00 <i>0.630</i>	51.00 <i>2.008</i>	353.00	2700.5 / 7.7	3060.5 / 8.7	3600.6 / 10.2	4589 / 13
# R203608	32.00 <i>1.260</i>	16.00 <i>0.630</i>	51.00 <i>2.008</i>	67.00	854.3 / 12.8	1025.1 / 15.3	1196 / 17.9	1340 / 20
# R205608	32.00 <i>1.260</i>	16.00 <i>0.630</i>	51.00 <i>2.008</i>	272.00	2080.8 / 7.7	2774.4 / 10.2	3468 / 12.8	4080 / 15
# R204608	32.00 <i>1.260</i>	16.00 <i>0.630</i>	51.00 <i>2.008</i>	134.00	1366.8 / 10.2	1708.5 / 12.8	2050.2 / 15.3	2546 / 19
# R205610	32.00 <i>1.260</i>	16.00 <i>0.630</i>	64.00 <i>2.520</i>	212.00	2035.2 / 9.6	2713.6 / 12.8	3392 / 16	4028 / 19
# R204610	32.00 <i>1.260</i>	16.00 <i>0.630</i>	64.00 <i>2.520</i>	99.00	1267.2 / 12.8	1584 / 16	1900.8 / 19.2	2376 / 24
# R203610	32.00 <i>1.260</i>	16.00 <i>0.630</i>	64.00 <i>2.520</i>	53.00	848 / 16	1017.6 / 19.2	1187.2 / 22.4	1325 / 25
# R206610	32.00 <i>1.260</i>	16.00 <i>0.630</i>	64.00 <i>2.520</i>	269.20	2584.3 / 9.6	2928.9 / 10.9	3445.8 / 12.8	4307.2 / 16
# R203612	32.00 <i>1.260</i>	16.00 <i>0.630</i>	76.00 <i>2.992</i>	44.00	836 / 19	1003.2 / 22.8	1170.4 / 26.6	1320 / 30
# R205612	32.00 <i>1.260</i>	16.00 <i>0.630</i>	76.00 <i>2.992</i>	172.00	1960.8 / 11.4	2614.4 / 15.2	3268 / 19	3956 / 23

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206612	32.00 <i>1.260</i>	16.00 <i>0.630</i>	76.00 <i>2.992</i>	218.50	2490.9 / 11.4	2823 / 12.9	3321.2 / 15.2	4151.5 / 19
# R204612	32.00 <i>1.260</i>	16.00 <i>0.630</i>	76.00 <i>2.992</i>	80.50	1223.6 / 15.2	1529.5 / 19	1835.4 / 22.8	2254 / 28
# R204614	32.00 <i>1.260</i>	16.00 <i>0.630</i>	89.00 <i>3.504</i>	69.10	1230 / 17.8	1537.5 / 22.3	1845 / 26.7	2280.3 / 33
# R206614	32.00 <i>1.260</i>	16.00 <i>0.630</i>	89.00 <i>3.504</i>	180.30	2407 / 13.4	2727.9 / 15.1	3209.3 / 17.8	3966.6 / 22
# R203614	32.00 <i>1.260</i>	16.00 <i>0.630</i>	89.00 <i>3.504</i>	37.20	827.7 / 22.3	993.2 / 26.7	1158.8 / 31.2	1302 / 35
# R205614	32.00 <i>1.260</i>	16.00 <i>0.630</i>	89.00 <i>3.504</i>	141.00	1882.4 / 13.4	2509.8 / 17.8	3137.3 / 22.3	3807 / 27
# R205616	32.00 <i>1.260</i>	16.00 <i>0.630</i>	102.00 <i>4.016</i>	122.00	1866.6 / 15.3	2488.8 / 20.4	3111 / 25.5	3782 / 31
# R204616	32.00 <i>1.260</i>	16.00 <i>0.630</i>	102.00 <i>4.016</i>	58.80	1199.5 / 20.4	1499.4 / 25.5	1799.3 / 30.6	2234.4 / 38
# R206616	32.00 <i>1.260</i>	16.00 <i>0.630</i>	102.00 <i>4.016</i>	155.00	2371.5 / 15.3	2687.7 / 17.3	3162 / 20.4	4030 / 26
# R203616	32.00 <i>1.260</i>	16.00 <i>0.630</i>	102.00 <i>4.016</i>	32.00	816 / 25.5	979.2 / 30.6	1142.4 / 35.7	1312 / 41

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206618	32.00 <i>1.260</i>	16.00 <i>0.630</i>	115.00 <i>4.528</i>	140.00	2415 / 17.3	2737 / 19.6	3220 / 23	4060 / 29
# R205618	32.00 <i>1.260</i>	16.00 <i>0.630</i>	115.00 <i>4.528</i>	107.00	1845.8 / 17.3	2461 / 23	3076.3 / 28.8	3745 / 35
# R204618	32.00 <i>1.260</i>	16.00 <i>0.630</i>	115.00 <i>4.528</i>	51.50	1184.5 / 23	1480.6 / 28.8	1776.8 / 34.5	2214.5 / 43
# R203618	32.00 <i>1.260</i>	16.00 <i>0.630</i>	115.00 <i>4.528</i>	29.00	833.8 / 28.8	100.5 / 34.5	1167.3 / 40.3	1334 / 46
# R204620	32.00 <i>1.260</i>	16.00 <i>0.630</i>	127.00 <i>5.000</i>	44.80	1137.9 / 25.4	1422.4 / 31.8	1706.9 / 38.1	2150.4 / 48
# R203620	32.00 <i>1.260</i>	16.00 <i>0.630</i>	127.00 <i>5.000</i>	25.00	793.3 / 31.8	952.5 / 38.1	1111.3 / 44.5	1275 / 51
# R206620	32.00 <i>1.260</i>	16.00 <i>0.630</i>	127.00 <i>5.000</i>	124.00	2362.2 / 19.1	2677.2 / 21.6	3149.6 / 25.4	3968 / 32
# R205620	32.00 <i>1.260</i>	16.00 <i>0.630</i>	127.00 <i>5.000</i>	93.00	1771.7 / 19.1	2362.2 / 25.4	2952.8 / 31.8	3534 / 38
# R204622	32.00 <i>1.260</i>	16.00 <i>0.630</i>	139.00 <i>5.472</i>	42.30	1175.9 / 27.8	1469.9 / 34.8	1763.9 / 41.7	2199.6 / 52
# R203622	32.00 <i>1.260</i>	16.00 <i>0.630</i>	139.00 <i>5.472</i>	23.00	799.3 / 34.8	959.1 / 41.7	1119 / 48.7	1288 / 56

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205622	32.00 <i>1.260</i>	16.00 <i>0.630</i>	139.00 <i>5.472</i>	86.00	1793.1 / 20.9	2390.8 / 27.8	2988.5 / 34.8	3612 / 42
# R204624	32.00 <i>1.260</i>	16.00 <i>0.630</i>	152.00 <i>5.984</i>	37.80	1149.1 / 30.4	1436.4 / 38	1723.7 / 45.6	2154.6 / 57
# R206624	32.00 <i>1.260</i>	16.00 <i>0.630</i>	152.00 <i>5.984</i>	102.00	2325.6 / 22.8	2635.7 / 25.8	3100.8 / 30.4	3876 / 38
# R205624	32.00 <i>1.260</i>	16.00 <i>0.630</i>	152.00 <i>5.984</i>	78.00	178.4 / 22.8	2371.2 / 30.4	2964 / 38	3588 / 46
# R203624	32.00 <i>1.260</i>	16.00 <i>0.630</i>	152.00 <i>5.984</i>	21.50	817 / 38	980.4 / 45.6	1143.8 / 53.2	1311.5 / 61
# R204628	32.00 <i>1.260</i>	16.00 <i>0.630</i>	178.00 <i>7.008</i>	32.50	1157 / 35.6	1446.3 / 44.5	1735.5 / 53.4	2177.5 / 67
# R203628	32.00 <i>1.260</i>	16.00 <i>0.630</i>	178.00 <i>7.008</i>	18.20	809.9 / 44.5	971.9 / 53.4	1133.9 / 62.3	1292.2 / 71
# R206628	32.00 <i>1.260</i>	16.00 <i>0.630</i>	178.00 <i>7.008</i>	88.20	2354.9 / 26.7	2668.9 / 30.3	3139.9 / 35.6	3880.8 / 44
# R205628	32.00 <i>1.260</i>	16.00 <i>0.630</i>	178.00 <i>7.008</i>	67.20	1794.2 / 26.7	2392.3 / 35.6	2990.4 / 44.5	3561.6 / 53
# R204632	32.00 <i>1.260</i>	16.00 <i>0.630</i>	203.00 <i>7.992</i>	28.90	1173.3 / 40.6	1466.7 / 50.8	1760 / 60.9	2196.4 / 76

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203632	32.00 <i>1.260</i>	16.00 <i>0.630</i>	203.00 <i>7.992</i>	15.80	801.9 / 50.8	962.2 / 60.9	1122.6 / 71.1	1279.8 / 81
# R206632	32.00 <i>1.260</i>	16.00 <i>0.630</i>	203.00 <i>7.992</i>	76.00	2314.2 / 30.5	2622.8 / 34.5	3085.6 / 40.6	3876 / 51
# R205632	32.00 <i>1.260</i>	16.00 <i>0.630</i>	203.00 <i>7.992</i>	59.10	1799.6 / 30.5	2399.5 / 40.6	2999.3 / 50.8	3605.1 / 61
# R204640	32.00 <i>1.260</i>	16.00 <i>0.630</i>	254.00 <i>10.000</i>	21.40	1087.1 / 50.8	1358.9 / 63.5	1630.7 / 76.2	2033 / 95
# R203640	32.00 <i>1.260</i>	16.00 <i>0.630</i>	254.00 <i>10.000</i>	12.50	793.8 / 63.5	952.5 / 76.2	1111.3 / 88.9	1275 / 102
# R206640	32.00 <i>1.260</i>	16.00 <i>0.630</i>	254.00 <i>10.000</i>	60.80	2316.5 / 38.1	2625.3 / 43.2	3088.6 / 50.8	3891.2 / 64
# R205640	32.00 <i>1.260</i>	16.00 <i>0.630</i>	254.00 <i>10.000</i>	46.40	1767.8 / 38.1	2357.1 / 50.8	2946.4 / 63.5	3526.4 / 76
# R204648	32.00 <i>1.260</i>	16.00 <i>0.630</i>	305.00 <i>12.008</i>	18.30	1116.3 / 61	1395.4 / 76.3	1674.5 / 91.5	2086.2 / 114
# R206648	32.00 <i>1.260</i>	16.00 <i>0.630</i>	305.00 <i>12.008</i>	49.00	2241.8 / 45.8	2540.7 / 51.9	2989 / 61	3724 / 76
# R205648	32.00 <i>1.260</i>	16.00 <i>0.630</i>	305.00 <i>12.008</i>	38.00	1738.5 / 45.8	2318 / 61	2897.5 / 76.3	3458 / 91

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203648	32.00 <i>1.260</i>	16.00 <i>0.630</i>	305.00 <i>12.008</i>	10.30	785.4 / 76.3	942.5 / 91.5	1099.5 / 106.8	1256.6 / 122
# R204708	40.00 <i>1.575</i>	20.00 <i>0.787</i>	51.00 <i>2.008</i>	181.60	1852.3 / 10.2	2315.4 / 12.8	2778.5 / 15.3	3450.4 / 19
# R205708	40.00 <i>1.575</i>	20.00 <i>0.787</i>	51.00 <i>2.008</i>	350.00	2677.5 / 7.7	3570 / 10.2	4462.5 / 12.8	5250 / 15
# R206708	40.00 <i>1.575</i>	20.00 <i>0.787</i>	51.00 <i>2.008</i>	628.00	4804.2 / 7.7	5444.8 / 8.7	6405.6 / 10.2	8164 / 13
R203708	40.00 <i>1.575</i>	20.00 <i>0.787</i>	51.00 <i>2.008</i>	92.00	1173 / 12.8	1407.6 / 15.3	1642.2 / 17.9	1840 / 20
# R206710	40.00 <i>1.575</i>	20.00 <i>0.787</i>	64.00 <i>2.520</i>	487.00	4675.2 / 9.6	5298.6 / 10.9	6233.6 / 12.8	7792 / 16
# R203710	40.00 <i>1.575</i>	20.00 <i>0.787</i>	64.00 <i>2.520</i>	73.00	1168 / 16	1401.6 / 19.2	1635.2 / 22.4	1825 / 25
# R205710	40.00 <i>1.575</i>	20.00 <i>0.787</i>	64.00 <i>2.520</i>	269.00	2582.4 / 9.6	3443.2 / 12.8	4304 / 16	5111 / 19
# R204710	40.00 <i>1.575</i>	20.00 <i>0.787</i>	64.00 <i>2.520</i>	140.00	1792 / 12.8	2240 / 16	2688 / 19.2	3360 / 24
# R203712	40.00 <i>1.575</i>	20.00 <i>0.787</i>	76.00 <i>2.992</i>	63.00	1197 / 19	1436.4 / 22.8	1675.8 / 26.6	1890 / 30

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R204712	40.00 <i>1.575</i>	20.00 <i>0.787</i>	76.00 <i>2.992</i>	108.00	1641.6 / 15.2	2052 / 19	2462.4 / 22.8	3024 / 28
# R205712	40.00 <i>1.575</i>	20.00 <i>0.787</i>	76.00 <i>2.992</i>	219.00	2496.6 / 11.4	3328.8 / 15.2	4161 / 19	5037 / 23
# R206712	40.00 <i>1.575</i>	20.00 <i>0.787</i>	76.00 <i>2.992</i>	379.00	4320.6 / 11.4	4986.7 / 12.9	5760.8 / 15.2	7201 / 19
# R205714	40.00 <i>1.575</i>	20.00 <i>0.787</i>	89.00 <i>3.504</i>	190.00	2536.5 / 13.4	3382 / 17.8	4227.5 / 22.3	5130 / 27
# R203714	40.00 <i>1.575</i>	20.00 <i>0.787</i>	89.00 <i>3.504</i>	51.00	1134.8 / 22.3	1361.7 / 26.7	1588.7 / 31.2	1785 / 35
# R206714	40.00 <i>1.575</i>	20.00 <i>0.787</i>	89.00 <i>3.504</i>	321.00	4285.4 / 13.4	4856.7 / 15.1	5713.8 / 17.8	7062 / 22
# R204714	40.00 <i>1.575</i>	20.00 <i>0.787</i>	89.00 <i>3.504</i>	90.70	1614.5 / 17.8	2018.1 / 22.3	2421.7 / 26.7	2993.1 / 33
# R204716	40.00 <i>1.575</i>	20.00 <i>0.787</i>	102.00 <i>4.016</i>	81.00	1652.4 / 20.4	2065.5 / 25.5	2478.6 / 30.6	3078 / 38
# R205716	40.00 <i>1.575</i>	20.00 <i>0.787</i>	102.00 <i>4.016</i>	163.00	2493.9 / 15.3	3325.2 / 20.4	4156.5 / 25.5	5053 / 31
# R203716	40.00 <i>1.575</i>	20.00 <i>0.787</i>	102.00 <i>4.016</i>	43.00	1096.5 / 25.5	1315.8 / 30.6	1535.1 / 35.7	1763 / 41

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206716	40.00 <i>1.575</i>	20.00 <i>0.787</i>	102.00 <i>4.016</i>	281.00	4299.3 / 15.3	4872.5 / 17.3	5732.4 / 20.4	7306 / 26
# R204718	40.00 <i>1.575</i>	20.00 <i>0.787</i>	115.00 <i>4.528</i>	71.80	1651.4 / 23	2064.3 / 28.8	2477.1 / 34.5	3087.4 / 43
# R203718	40.00 <i>1.575</i>	20.00 <i>0.787</i>	115.00 <i>4.528</i>	39.60	1138.5 / 28.8	1366.2 / 34.5	1593.9 / 40.3	1821.6 / 46
# R206718	40.00 <i>1.575</i>	20.00 <i>0.787</i>	115.00 <i>4.528</i>	245.00	4226.3 / 17.3	4789.8 / 19.6	5635 / 23	7105 / 29
# R205718	40.00 <i>1.575</i>	20.00 <i>0.787</i>	115.00 <i>4.528</i>	142.00	2449.5 / 17.3	3266 / 23	4082.5 / 28.8	4970 / 35
# R203720	40.00 <i>1.575</i>	20.00 <i>0.787</i>	127.00 <i>5.000</i>	37.00	1174.8 / 31.8	1409.7 / 38.1	1644.7 / 44.5	1887 / 51
# R204720	40.00 <i>1.575</i>	20.00 <i>0.787</i>	127.00 <i>5.000</i>	62.70	1592.6 / 25.4	1990.7 / 31.8	2388.9 / 38.1	3009.6 / 48
# R205720	40.00 <i>1.575</i>	20.00 <i>0.787</i>	127.00 <i>5.000</i>	128.00	2438.4 / 19.1	3251.2 / 25.4	4064 / 31.8	4864 / 38
# R206720	40.00 <i>1.575</i>	20.00 <i>0.787</i>	127.00 <i>5.000</i>	221.00	4210.1 / 19.1	4771.4 / 21.6	5613.4 / 25.4	7072 / 32
# R204722	40.00 <i>1.575</i>	20.00 <i>0.787</i>	139.00 <i>5.472</i>	57.50	1598.5 / 27.8	1998.1 / 34.8	2397.8 / 41.7	2990 / 52

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205722	40.00 <i>1.575</i>	20.00 <i>0.787</i>	139.00 <i>5.472</i>	115.00	2397.8 / 20.9	3197 / 27.8	3996.3 / 34.8	4830 / 42
# R203722	40.00 <i>1.575</i>	20.00 <i>0.787</i>	139.00 <i>5.472</i>	32.00	1112 / 34.8	1334.4 / 41.7	1556.8 / 48.7	1792 / 56
# R205724	40.00 <i>1.575</i>	20.00 <i>0.787</i>	152.00 <i>5.984</i>	105.00	2394 / 22.8	3192 / 30.4	3990 / 38	4830 / 46
# R204724	40.00 <i>1.575</i>	20.00 <i>0.787</i>	152.00 <i>5.984</i>	51.60	1568.6 / 30.4	1960.8 / 38	2353 / 45.6	2941.2 / 57
# R206724	40.00 <i>1.575</i>	20.00 <i>0.787</i>	152.00 <i>5.984</i>	168.00	3830.4 / 22.8	4341.1 / 22.8	5107.2 / 30.4	6384 / 39
# R203724	40.00 <i>1.575</i>	20.00 <i>0.787</i>	152.00 <i>5.984</i>	28.00	1064 / 38	1276.8 / 45.6	1489.6 / 53.2	1708 / 61
# R203728	40.00 <i>1.575</i>	20.00 <i>0.787</i>	178.00 <i>7.008</i>	25.20	1121.4 / 44.5	1345.7 / 53.4	1570 / 62.3	1789.2 / 71
# R205728	40.00 <i>1.575</i>	20.00 <i>0.787</i>	178.00 <i>7.008</i>	89.00	2376.3 / 26.7	3168.4 / 35.6	3960.5 / 44.5	4717 / 53
# R204728	40.00 <i>1.575</i>	20.00 <i>0.787</i>	178.00 <i>7.008</i>	44.10	1570 / 35.6	1962.5 / 44.5	2354.9 / 53.4	2954.7 / 67
# R206732	40.00 <i>1.575</i>	20.00 <i>0.787</i>	203.00 <i>7.992</i>	132.00	4019.4 / 30.5	4555.3 / 30.5	5359.2 / 40.6	6732 / 51

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205732	40.00 <i>1.575</i>	20.00 <i>0.787</i>	203.00 <i>7.992</i>	77.00	2344.7 / 30.5	3126.2 / 40.6	3907.8 / 50.8	4697 / 61
# R204732	40.00 <i>1.575</i>	20.00 <i>0.787</i>	203.00 <i>7.992</i>	36.70	1490 / 40.6	1862.5 / 50.8	2235 / 60.9	2789.2 / 76
# R203732	40.00 <i>1.575</i>	20.00 <i>0.787</i>	203.00 <i>7.992</i>	22.70	1152 / 50.8	1382.4 / 60.9	1612.8 / 71.1	1838.7 / 81
# R203740	40.00 <i>1.575</i>	20.00 <i>0.787</i>	254.00 <i>10.000</i>	17.00	1079.5 / 63.5	1295.4 / 76.2	1511.3 / 88.9	1734 / 102
# R206740	40.00 <i>1.575</i>	20.00 <i>0.787</i>	254.00 <i>10.000</i>	107.00	4076.7 / 38.1	4620.3 / 38.1	5435.6 / 50.8	6848 / 64
# R205740	40.00 <i>1.575</i>	20.00 <i>0.787</i>	254.00 <i>10.000</i>	61.00	2324.1 / 38.1	3098.8 / 50.8	3873.5 / 63.5	4636 / 76
# R204740	40.00 <i>1.575</i>	20.00 <i>0.787</i>	254.00 <i>10.000</i>	30.10	1529.1 / 50.8	1911.4 / 63.5	2293.6 / 76.2	2859.5 / 95
# R206748	40.00 <i>1.575</i>	20.00 <i>0.787</i>	305.00 <i>12.008</i>	87.80	4016.9 / 45.8	4552.4 / 45.8	5355.8 / 61	6672.8 / 76
# R205748	40.00 <i>1.575</i>	20.00 <i>0.787</i>	305.00 <i>12.008</i>	51.00	2333.3 / 45.8	3111 / 61	3888.8 / 76.3	4641 / 91
# R204748	40.00 <i>1.575</i>	20.00 <i>0.787</i>	305.00 <i>12.008</i>	24.60	1500.6 / 61	1875.8 / 76.3	2250.9 / 91.5	2804.4 / 114

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203748	40.00 <i>1.575</i>	20.00 <i>0.787</i>	305.00 <i>12.008</i>	14.80	1128.5 / 76.3	1354.2 / 91.5	1579.9 / 106.8	1805.6 / 122
# R205810	50.00 <i>1.969</i>	25.00 <i>0.984</i>	64.00 <i>2.520</i>	413.00	3964.8 / 9.6	5286.4 / 12.8	6608 / 16	7847 / 19
# R203810	50.00 <i>1.969</i>	25.00 <i>0.984</i>	64.00 <i>2.520</i>	156.00	2496 / 16	2995.2 / 19.2	3494.4 / 22.4	3900 / 25
# R206810	50.00 <i>1.969</i>	25.00 <i>0.984</i>	64.00 <i>2.520</i>	709.00	6806.4 / 9.6	7713.9 / 9.6	9075.2 / 12.8	11344 / 16
# R204810	50.00 <i>1.969</i>	25.00 <i>0.984</i>	64.00 <i>2.520</i>	209.00	2675.2 / 12.8	3344 / 16	4012.8 / 19.2	5016 / 24
# R206812	50.00 <i>1.969</i>	25.00 <i>0.984</i>	76.00 <i>2.992</i>	572.00	6520.8 / 11.4	7390.2 / 11.4	8694.4 / 15.2	10868 / 19
# R205812	50.00 <i>1.969</i>	25.00 <i>0.984</i>	76.00 <i>2.992</i>	339.00	3864.6 / 11.4	5152.8 / 15.2	6441 / 19	7797 / 23
# R204812	50.00 <i>1.969</i>	25.00 <i>0.984</i>	76.00 <i>2.992</i>	168.00	2553.6 / 15.2	3192 / 19	3830.4 / 22.8	4704 / 28
# R203812	50.00 <i>1.969</i>	25.00 <i>0.984</i>	76.00 <i>2.992</i>	125.00	2375 / 19	2850 / 22.8	3325 / 26.6	3750 / 30
# R205814	50.00 <i>1.969</i>	25.00 <i>0.984</i>	89.00 <i>3.504</i>	288.00	3844.8 / 13.4	5126.4 / 17.8	6408 / 22.3	7776 / 27

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Springs - Die

Part Number	OD (A) mm	ID (B) mm	Length (L) mm	Load at 1mm Def. N	Load & Deflection 25% N & mm	Load & Deflection 30% N & mm	Load & Deflection 35% N & mm	Load & Deflection Max N & mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R206814	50.00 <i>1.969</i>	25.00 <i>0.984</i>	89.00 <i>3.504</i>	475.00	6541.3 / 13.4	7186.8 / 13.4	8455 / 17.8	10450 / 22
# R204814	50.00 <i>1.969</i>	25.00 <i>0.984</i>	89.00 <i>3.504</i>	140.00	2492 / 17.8	3115 / 22.3	3738 / 26.7	4620 / 33
# R203814	50.00 <i>1.969</i>	25.00 <i>0.984</i>	89.00 <i>3.504</i>	109.00	2425.3 / 22.3	2910.3 / 26.7	3395.4 / 31.2	3815 / 35
# R206816	50.00 <i>1.969</i>	25.00 <i>0.984</i>	102.00 <i>4.016</i>	405.00	6196.5 / 15.3	7022.7 / 15.3	8262 / 20.4	10530 / 26
# R203816	50.00 <i>1.969</i>	25.00 <i>0.984</i>	102.00 <i>4.016</i>	94.00	2397 / 25.5	2876.4 / 30.6	3355.8 / 35.7	3854 / 41
# R205816	50.00 <i>1.969</i>	25.00 <i>0.984</i>	102.00 <i>4.016</i>	245.00	3748.5 / 15.3	4998 / 20.4	6247.5 / 25.5	7595 / 31
# R204816	50.00 <i>1.969</i>	25.00 <i>0.984</i>	102.00 <i>4.016</i>	119.00	2427.6 / 20.4	3034.5 / 25.5	3641.4 / 30.6	4522 / 38
# R206818	50.00 <i>1.969</i>	25.00 <i>0.984</i>	115.00 <i>4.528</i>	352.00	6072 / 17.3	6881.6 / 17.3	8096 / 23	10208 / 29
# R204818	50.00 <i>1.969</i>	25.00 <i>0.984</i>	115.00 <i>4.528</i>	106.00	2438 / 23	3047.5 / 28.8	3657 / 34.5	4558 / 43
# R205818	50.00 <i>1.969</i>	25.00 <i>0.984</i>	115.00 <i>4.528</i>	215.00	3708.8 / 17.3	4945 / 23	6181.3 / 28.8	7525 / 35

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203818	50.00 <i>1.969</i>	25.00 <i>0.984</i>	115.00 <i>4.528</i>	81.00	2328.8 / 28.8	2794.5 / 34.5	3260.3 / 40.3	3726 / 46
# R204820	50.00 <i>1.969</i>	25.00 <i>0.984</i>	127.00 <i>5.000</i>	97.00	2418.6 / 25.4	3079.8 / 31.8	3695.7 / 38.1	4656.5 / 48
# R205820	50.00 <i>1.969</i>	25.00 <i>0.984</i>	127.00 <i>5.000</i>	192.00	3657.6 / 19.1	4876.8 / 25.4	6096 / 31.8	7296 / 38
# R203820	50.00 <i>1.969</i>	25.00 <i>0.984</i>	127.00 <i>5.000</i>	71.00	2254.3 / 31.8	2705.1 / 38.1	3156 / 44.5	3621 / 51
# R206820	50.00 <i>1.969</i>	25.00 <i>0.984</i>	127.00 <i>5.000</i>	316.00	6019.8 / 19.1	6822.4 / 19.1	8026.4 / 25.4	10112 / 32
# R203822	50.00 <i>1.969</i>	25.00 <i>0.984</i>	139.00 <i>5.472</i>	66.50	2310.9 / 34.8	2773.1 / 41.7	3235.2 / 48.7	3724 / 56
# R204822	50.00 <i>1.969</i>	25.00 <i>0.984</i>	139.00 <i>5.472</i>	87.00	2432 / 27.8	3023.3 / 34.8	3627.9 / 41.7	4524 / 52
# R205822	50.00 <i>1.969</i>	25.00 <i>0.984</i>	139.00 <i>5.472</i>	168.00	3502.8 / 20.9	4670.4 / 27.8	5838 / 34.8	7056 / 42
# R203824	50.00 <i>1.969</i>	25.00 <i>0.984</i>	152.00 <i>5.984</i>	60.00	2280 / 38	2736 / 45.6	3192 / 53.2	3660 / 61
# R206824	50.00 <i>1.969</i>	25.00 <i>0.984</i>	152.00 <i>5.984</i>	239.00	5449.2 / 22.8	6175.8 / 22.8	7265.6 / 30.4	9082 / 38

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Springs - Die

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R205824	50.00 <i>1.969</i>	25.00 <i>0.984</i>	152.00 <i>5.984</i>	154.00	3511.2 / 22.8	4681.6 / 30.4	5852 / 38	7084 / 46
# R204824	50.00 <i>1.969</i>	25.00 <i>0.984</i>	152.00 <i>5.984</i>	80.00	2474.2 / 30.4	3040 / 38	3648 / 45.6	4560 / 57
# R203828	50.00 <i>1.969</i>	25.00 <i>0.984</i>	178.00 <i>7.008</i>	52.00	2314 / 44.5	2776.8 / 53.4	3239.6 / 62.3	3692 / 71
# R204828	50.00 <i>1.969</i>	25.00 <i>0.984</i>	178.00 <i>7.008</i>	69.50	2427.9 / 35.6	3092.8 / 44.5	3711.3 / 53.4	4656.5 / 67
# R205828	50.00 <i>1.969</i>	25.00 <i>0.984</i>	178.00 <i>7.008</i>	134.00	3577.8 / 26.7	4770.4 / 35.6	5963 / 44.5	7102 / 53
# R206832	50.00 <i>1.969</i>	25.00 <i>0.984</i>	203.00 <i>7.992</i>	187.00	5694.2 / 30.5	6453.4 / 30.5	7592.2 / 40.6	9537 / 51
# R205832	50.00 <i>1.969</i>	25.00 <i>0.984</i>	203.00 <i>7.992</i>	117.00	3562.7 / 30.5	4750.2 / 40.6	5937.8 / 50.8	7137 / 61
# R203832	50.00 <i>1.969</i>	25.00 <i>0.984</i>	203.00 <i>7.992</i>	44.00	2233 / 50.8	2679.6 / 60.9	3126.2 / 71.1	3564 / 81
# R204832	50.00 <i>1.969</i>	25.00 <i>0.984</i>	203.00 <i>7.992</i>	59.80	2331.2 / 40.6	3034.9 / 50.8	3641.8 / 60.9	4544.8 / 76
# R204836	50.00 <i>1.969</i>	25.00 <i>0.984</i>	229.00 <i>9.016</i>	50.90	2330.1 / 45.8	2914 / 57.3	3496.8 / 68.7	4377.4 / 86

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203840	50.00 <i>1.969</i>	25.00 <i>0.984</i>	254.00 <i>10.000</i>	35.00	2222.5 / 63.5	2667 / 76.2	3111.5 / 88.9	3570 / 102
# R206840	50.00 <i>1.969</i>	25.00 <i>0.984</i>	254.00 <i>10.000</i>	153.00	5829.3 / 38.1	6606.5 / 38.1	7772.4 / 50.8	9792 / 64
# R205840	50.00 <i>1.969</i>	25.00 <i>0.984</i>	254.00 <i>10.000</i>	89.00	3390.9 / 38.1	4521.2 / 50.8	5651.5 / 63.5	6764 / 76
# R204840	50.00 <i>1.969</i>	25.00 <i>0.984</i>	254.00 <i>10.000</i>	43.90	2354.6 / 50.8	2787.7 / 63.5	3345.2 / 76.2	4170.5 / 95
# R204848	50.00 <i>1.969</i>	25.00 <i>0.984</i>	305.00 <i>12.008</i>	38.60	4742.4 / 61	2943.3 / 76.3	3531.9 / 91.5	4400.4 / 114
# R203848	50.00 <i>1.969</i>	25.00 <i>0.984</i>	305.00 <i>12.008</i>	28.50	2173.1 / 76.3	2607.8 / 91.5	3042.4 / 106.8	3477 / 122
# R205848	50.00 <i>1.969</i>	25.00 <i>0.984</i>	305.00 <i>12.008</i>	73.00	3339.8 / 45.8	4453 / 61	5566.3 / 76.3	6643 / 91
# R206848	50.00 <i>1.969</i>	25.00 <i>0.984</i>	305.00 <i>12.008</i>	127.00	5810.3 / 45.8	6585 / 45.8	7747 / 61	9652 / 76
# R204912	63.00 <i>2.480</i>	38.00 <i>1.496</i>	76.00 <i>2.992</i>	312.00	4628.8 / 15.2	5928 / 19	7113.6 / 22.8	8736 / 28
# R203912	63.00 <i>2.480</i>	38.00 <i>1.496</i>	76.00 <i>2.992</i>	189.00	3591 / 19	4309.2 / 22.8	5027.4 / 26.6	5670 / 30

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R203914	63.00 <i>2.480</i>	38.00 <i>1.496</i>	89.00 <i>3.504</i>	158.00	3515.5 / 22.3	4218.6 / 26.7	4921.7 / 31.2	5530 / 35
# R204914	63.00 <i>2.480</i>	38.00 <i>1.496</i>	89.00 <i>3.504</i>	260.00	4508.4 / 17.8	5785 / 22.3	6942 / 26.7	8580 / 33
# R204916	63.00 <i>2.480</i>	38.00 <i>1.496</i>	102.00 <i>4.016</i>	221.00	4301 / 20.4	5635.5 / 25.5	6762.6 / 30.6	8398 / 38
# R203916	63.00 <i>2.480</i>	38.00 <i>1.496</i>	102.00 <i>4.016</i>	131.00	3340.5 / 25.5	4008.6 / 30.6	4676.7 / 35.7	5371 / 41
# R204918	63.00 <i>2.480</i>	38.00 <i>1.496</i>	115.00 <i>4.528</i>	187.00	4267.2 / 23	5376.3 / 28.8	6451.5 / 34.5	8041 / 43
# R203918	63.00 <i>2.480</i>	38.00 <i>1.496</i>	115.00 <i>4.528</i>	116.00	3335 / 28.8	4002 / 34.5	4669 / 40.3	5336 / 46
# R204920	63.00 <i>2.480</i>	38.00 <i>1.496</i>	127.00 <i>5.000</i>	168.00	4134.4 / 25.4	5334 / 31.8	6400.8 / 38.1	8064 / 48
# R203920	63.00 <i>2.480</i>	38.00 <i>1.496</i>	127.00 <i>5.000</i>	103.00	3270.3 / 31.8	3924.3 / 38.1	4578.4 / 44.5	5253 / 51
# R203924	63.00 <i>2.480</i>	38.00 <i>1.496</i>	152.00 <i>5.984</i>	84.30	3203.4 / 38	3844.1 / 45.6	4484.8 / 53.2	5142.3 / 61
# R204924	63.00 <i>2.480</i>	38.00 <i>1.496</i>	152.00 <i>5.984</i>	136.00	4060 / 30.4	5168 / 38	6201.6 / 45.6	7752 / 57

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	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# R204928	63.00 <i>2.480</i>	38.00 <i>1.496</i>	178.00 <i>7.008</i>	114.00	4058.4 / 35.6	5073 / 44.4	6087.6 / 53.4	7638 / 67
# R203928	63.00 <i>2.480</i>	38.00 <i>1.496</i>	178.00 <i>7.008</i>	71.50	3181.8 / 44.5	3818.1 / 53.4	4454.5 / 62.3	5076.5 / 71
# R204932	63.00 <i>2.480</i>	38.00 <i>1.496</i>	203.00 <i>7.992</i>	100.00	4060 / 40.6	5075 / 50.8	6090 / 60.9	7600 / 76
# R203932	63.00 <i>2.480</i>	38.00 <i>1.496</i>	203.00 <i>7.992</i>	61.70	3131.3 / 50.8	3757.5 / 60.9	4383.8 / 71.1	4997.7 / 81
# R204936	63.00 <i>2.480</i>	38.00 <i>1.496</i>	229.00 <i>9.016</i>	89.20	4085.4 / 45.8	5106.7 / 57.3	6128 / 68.7	7671.2 / 86
# R204940	63.00 <i>2.480</i>	38.00 <i>1.496</i>	254.00 <i>10.000</i>	78.40	3982.7 / 50.8	4978.4 / 63.5	5974.1 / 76.2	7448 / 95
# R203940	63.00 <i>2.480</i>	38.00 <i>1.496</i>	254.00 <i>10.000</i>	47.00	2984.5 / 63.5	3581.4 / 76.2	4178.3 / 88.9	4794 / 102
# R204948	63.00 <i>2.480</i>	38.00 <i>1.496</i>	305.00 <i>12.008</i>	64.70	3946.7 / 61	4933.4 / 76.3	5920.1 / 91.5	7375.8 / 114
# R203948	63.00 <i>2.480</i>	38.00 <i>1.496</i>	305.00 <i>12.008</i>	38.20	2912.8 / 76.3	3495.3 / 91.5	4077.9 / 106.8	4660.4 / 122

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