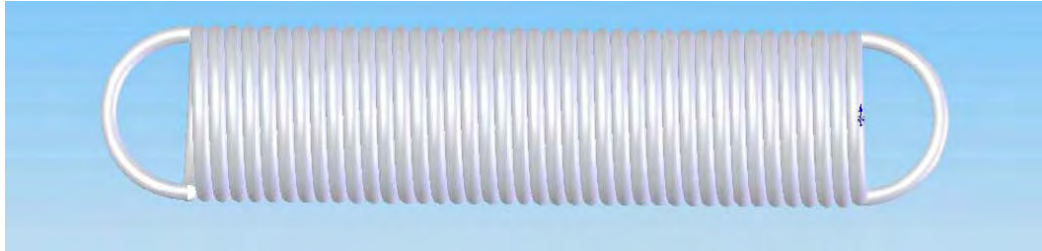




MORRIS  
springs



## METRIC STEEL EXTENSION SPRINGS

*FROM STOCK*

When ordering it is necessary to specify the full spring reference number.



All orders subject to a Carriage Charge

Part no.	Outside Diameter	Wire Diameter	Free Length	No. of Working Coils	Maximum Working Length	Initial Tension	Spring Rate Kg/mm
MME 1	3.00	0.40	15	25	25.16	0.08	0.0619
MME 2			20	37	35.57		0.0404
MME 3			25	48½	45.97		0.030
MME 4			30	61	56.38		0.0238
MME 5			35	73½	66.79		0.0198
MME 6			40	86	77.19		0.0169
MME 7			50	111	98.00		0.0131
MME 8	4.00	0.50	20	25½	35.42	0.14	0.0571
MME 9			25	35½	46.47		0.0410
MME 10			30	45½	57.52		0.0320
MME 11			35	55½	68.58		0.0262
MME 12			40	65½	79.63		0.0222
MME 13			50	85	11.42		0.0171
MME 14			60	105	123.53		0.0138
MME 15	5.00	0.60	25	25	44.93	0.18	0.0608
MME 16			30	33½	56.70		0.0454
MME 17			40	50	79.86		0.0304
MME 18			50	66½	103.01		0.0228
MME 19			60	83	126.17		0.0183
MME 20			70	99½	149.32		0.0152
MME 21			80	116	172.48		0.0131
MME 22	6.00	0.80	30	23½	48.04	0.34	0.1252
MME 23			35	30	58.03		0.0981
MME 24			40	36	67.63		0.0817
MME 25			50	48½	87.23		0.0606
MME 26			60	61	106.83		0.0482
MME 27			70	73½	126.42		0.0400
MME 28			80	86	146.02		0.0342
MME 29	90	110½	184.82	0.0266			
MME 30	7.00	0.90	35	25½	58.24	0.44	0.1148
MME 31			40	31	68.26		0.0944
MME 32			50	42	88.28		0.0697
MME 33			60	53	108.32		0.0552
MME 34			70	64	128.34		0.0457
MME 35			80	75	148.37		0.0390
MME 36			100	97	188.43		0.0301
MME 37	120	119	228.49	0.0246			
MME 38	8.00	0.80	35	27	78.09	0.22	0.0410
MME 39			40	33	92.67		0.0336
MME 40			50	4	121.82		0.0246
MME 41			60	57	150.97		0.0194
MME 42			70	69½	180.92		0.0159
MME 43			80	81½	210.08		0.0136
MME 44			100	106	269.18		0.0104
MME 45	120	130½	328.27	0.0085			

Part no.	Outside Diameter	Wire Diameter	Free Length	No. of Working Coils	Maximum Working Length	Initial Tension	Spring Rate Kg/mm
MME 46	8.00	1.00	35	21	57.91	0.50	0.1403
MME 47			40	25½	67.82		0.1155
MME 48			50	35½	88.73		0.0830
MME 49			60	45	109.10		0.0654
MME 50			70	55	130.01		0.0535
MME 51			80	65	150.92		0.0453
MME 52			100	85	192.75		0.0346
MME 53			120	104½	234.03		0.0282
MME 54	10.00	1.25	40	18	64.42	0.75	0.2024
MME 55			50	26	85.27		0.1401
MME 56			60	34	106.13		0.1072
MME 57			70	42	126.99		0.0868
MME 58			80	50	147.84		0.0729
MME 59			100	66	189.55		0.0552
MME 60			120	82	321.26		0.0444
MME 61			140	98	272.97		0.0372
MME 62	12.00	1.50	50	19½	80.15	1.15	0.2268
MME 63			60	26	100.2		0.1701
MME 64			70	32½	120.25		0.1361
MME 65			80	39½	141.07		0.1119
MME 66			100	52½	181.17		0.0842
MME 67			120	66	222.05		0.0670
MME 68			140	79	262.14		0.0559
MME 69			160	92	302.24		0.0480
MME 70	14.00	1.70	60	21	99.07	1.36	0.2160
MME 71			70	26½	119.31		0.1711
MME 72			80	32½	140.47		0.1395
MME 73			100	43½	180.94		0.1042
MME 74			120	55	222.34		0.0824
MME 75			140	66½	263.73		0.0682
MME 76			160	78½	306.07		0.0578
MME 77			180	90	347.47		0.0504
MME 78	16.00	1.90	70	22½	118.31	1.65	0.2088
MME 79			80	27½	139.04		0.1708
MME 80			100	38	181.59		0.1236
MME 81			120	48½	224.13		0.0968
MME 82			140	59	266.69		0.0796
MME 83			160	69½	309.24		0.0676
MME 84			180	80	351.79		0.0587
MME 85			200	90½	394.32		0.0519

Part no.	Outside Diameter	Wire Diameter	Free Length	No. of Working Coils	Maximum Working Length	Initial Tension	Spring Rate Kg/mm
MME 86	20.00	2.00	80	22	156.34	1.30	0.1260
MME 87			100	32	211.03		0.0866
MME 88			120	42	265.74		0.0660
MME 89			140	52	320.42		0.0533
MME 90			160	62	375.13		0.0447
MME 91			180	72	429.82		0.0385
MME 92			200	81½	482.80		0.0340
MME 93			220	91½	537.50		0.0303
MME 94	20.00	2.50	80	18	121.07	3.20	0.4092
MME 95			100	26	159.33		0.2833
MME 96			120	34	197.59		0.2166
MME 97			140	42	235.85		0.1753
MME 98			160	50	274.10		0.1473
MME 99			180	58	312.36		0.1270
MME 100			200	66	350.62		0.1116
MME 101			220	74	388.88		0.0995
MME 102	24.00	2.50	100	23½	186.85	2.20	0.1690
MME 103			120	31	234.56		0.1281
MME 104			140	39	284.13		0.1018
MME 105			160	47	333.70		0.0845
MME 106			180	55	383.27		0.0722
MME 107			200	63	432.83		0.0630
MME 108			220	71	482.40		0.0559
MME 109			240	79	531.96		0.0502
MME 110	24.00	3.00	100	19	151.07	4.00	0.4652
MME 111			120	25½	188.55		0.3466
MME 112			140	32	226.02		0.2762
MME 113			160	38½	263.49		0.2296
MME 114			180	45	300.97		0.1964
MME 115			200	51½	338.44		0.1716
MME 116			220	58	375.92		0.1524
MME 117			240	64½	413.39		0.1370