

PSM

Medium Load Springs Equivalent to JIS B 5012 Colour - Red



Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
6	3	15	2.1	8	3.8	10	4.8	PSM 06 x 015
		20	1.6	8	5.1	10	6.4	PSM 06 x 020
		25	1.3	8	6.4	10	8.0	PSM 06 x 025
		30	1.0	8	7.7	10	9.6	PSM 06 x 030
		35	0.9	8	9.0	10	11.2	PSM 06 x 035
		40	0.8	8	10.2	10	12.8	PSM 06 x 040
		45	0.7	8	11.5	10	14.4	PSM 06 x 045
		50	0.6	8	12.8	10	16.0	PSM 06 x 050
		55	0.6	8	14.1	10	17.6	PSM 06 x 055
		60	0.5	8	15.4	10	19.2	PSM 06 x 060
8	4	10	4.4	11	2.6	14	3.2	PSM 08 x 010
		15	2.9	11	3.8	14	4.8	PSM 08 x 015
		20	2.2	11	5.1	14	6.4	PSM 08 x 020
		25	1.8	11	6.4	14	8.0	PSM 08 x 025
		30	1.5	11	7.7	14	9.6	PSM 08 x 030
		35	1.3	11	9.0	14	11.2	PSM 08 x 035
		40	1.1	11	10.2	14	12.8	PSM 08 x 040
		45	1.0	11	11.5	14	14.4	PSM 08 x 045
		50	0.9	11	12.8	14	16.0	PSM 08 x 050
		55	0.8	11	14.1	14	17.6	PSM 08 x 055
		60	0.7	11	15.4	14	19.2	PSM 08 x 060
		65	0.7	11	16.6	14	20.8	PSM 08 x 065
		70	0.6	11	17.9	14	22.4	PSM 08 x 070
		75	0.6	11	19.2	14	24.0	PSM 08 x 075
80	0.6	11	20.5	14	25.6	PSM 08 x 080		
10	5	10	6.3	16	2.6	20	3.2	PSM 10 x 010
		15	4.2	16	3.8	20	4.8	PSM 10 x 015
		20	3.1	16	5.1	20	6.4	PSM 10 x 020
		25	2.5	16	6.4	20	8.0	PSM 10 x 025
		30	2.1	16	7.7	20	9.6	PSM 10 x 030
		35	1.8	16	9.0	20	11.2	PSM 10 x 035
		40	1.6	16	10.2	20	12.8	PSM 10 x 040
		45	1.4	16	11.5	20	14.4	PSM 10 x 045
		50	1.3	16	12.8	20	16.0	PSM 10 x 050
		55	1.1	16	14.1	20	17.6	PSM 10 x 055
		60	1.0	16	15.4	20	19.2	PSM 10 x 060
		65	1.0	16	16.6	20	20.8	PSM 10 x 065
		70	0.9	16	17.9	20	22.4	PSM 10 x 070
		75	0.8	16	19.2	20	24.0	PSM 10 x 075
12	6	15	6.0	23	3.8	29	4.8	PSM 12 x 015
		20	4.5	23	5.1	29	6.4	PSM 12 x 020
		25	3.6	23	6.4	29	8.0	PSM 12 x 025
		30	3.0	23	7.7	29	9.6	PSM 12 x 030
		35	2.6	23	9.0	29	11.2	PSM 12 x 035
		40	2.3	23	10.2	29	12.8	PSM 12 x 040
		45	2.0	23	11.5	29	14.4	PSM 12 x 045
		50	1.8	23	12.8	29	16.0	PSM 12 x 050
		55	1.6	23	14.1	29	17.6	PSM 12 x 055
		60	1.5	23	15.4	29	19.2	PSM 12 x 060
		65	1.4	23	16.6	29	20.8	PSM 12 x 065
		70	1.3	23	17.9	29	22.4	PSM 12 x 070
		75	1.2	23	19.2	29	24.0	PSM 12 x 075
		80	1.1	23	20.5	29	25.6	PSM 12 x 080
90	1.0	23	23	29	28.8	PSM 12 x 090		
14	7	20	6.1	31	5.1	39	6.4	PSM 14 x 020
		25	4.9	31	6.4	39	8.0	PSM 14 x 025
		30	4.1	31	7.7	39	9.6	PSM 14 x 030
		35	3.5	31	9.0	39	11.2	PSM 14 x 035
		40	3.0	31	10.2	39	12.8	PSM 14 x 040
		45	2.7	31	11.5	39	14.4	PSM 14 x 045
		50	2.4	31	12.8	39	16.0	PSM 14 x 050

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
14	7	55	2.2	31	14.1	39	17.6	PSM 14 x 055		
		60	2.0	31	15.4	39	19.2	PSM 14 x 060		
		65	1.9	31	16.6	39	20.8	PSM 14 x 065		
		70	1.7	31	17.9	39	22.4	PSM 14 x 070		
		75	1.6	31	19.2	39	24.0	PSM 14 x 075		
		80	1.5	31	20.5	39	25.6	PSM 14 x 080		
		90	1.4	31	23.0	39	28.8	PSM 14 x 090		
		100	1.2	31	25.6	39	32.0	PSM 14 x 100		
		16	8	20	8.0	41	5.1	51	6.4	PSM 16 x 020
				25	6.4	41	6.4	51	8.0	PSM 16 x 025
30	5.3			41	7.7	51	9.6	PSM 16 x 030		
35	4.6			41	9.0	51	11.2	PSM 16 x 035		
40	4.0			41	10.2	51	12.8	PSM 16 x 040		
45	3.5			41	11.5	51	14.4	PSM 16 x 045		
50	3.2			41	12.8	51	16.0	PSM 16 x 050		
55	2.9			41	14.1	51	17.6	PSM 16 x 055		
60	2.7			41	15.4	51	19.2	PSM 16 x 060		
65	2.5			41	16.6	51	20.8	PSM 16 x 065		
70	2.3			41	17.9	51	22.4	PSM 16 x 070		
75	2.1			41	19.2	51	24.0	PSM 16 x 075		
80	2.0			41	20.5	51	25.6	PSM 16 x 080		
90	1.8			41	23.0	51	28.8	PSM 16 x 090		
100	1.6	41	25.6	51	32.0	PSM 16 x 100				
18	9	20	10.2	52	5.1	65	6.4	PSM 18 x 020		
		25	8.1	52	6.4	65	8.0	PSM 18 x 025		
		30	6.8	52	7.7	65	9.6	PSM 18 x 030		
		35	5.8	52	9.0	65	11.2	PSM 18 x 035		
		40	5.1	52	10.2	65	12.8	PSM 18 x 040		
		45	4.5	52	11.5	65	14.4	PSM 18 x 045		
		50	4.1	52	12.8	65	16.0	PSM 18 x 050		
		55	3.7	52	14.1	65	17.6	PSM 18 x 055		
		60	3.4	52	15.4	65	19.2	PSM 18 x 060		
		65	3.1	52	16.6	65	20.8	PSM 18 x 065		
		70	2.9	52	17.9	65	22.4	PSM 18 x 070		
		75	2.7	52	19.2	65	24.0	PSM 18 x 075		
		80	2.5	52	20.5	65	25.6	PSM 18 x 080		
		90	2.3	52	23.0	65	28.8	PSM 18 x 090		
100	2.0	52	25.6	65	32.0	PSM 18 x 100				
20	10	20	12.5	64	5.1	80	6.4	PSM 20 x 020		
		25	10.0	64	6.4	80	8.0	PSM 20 x 025		
		30	8.3	64	7.7	80	9.6	PSM 20 x 030		
		35	7.1	64	9.0	80	11.2	PSM 20 x 035		
		40	6.3	64	10.2	80	12.8	PSM 20 x 040		
		45	5.6	64	11.5	80	14.4	PSM 20 x 045		
		50	5.0	64	12.8	80	16.0	PSM 20 x 050		
		55	4.5	64	14.1	80	17.6	PSM 20 x 055		
		60	4.2	64	15.4	80	19.2	PSM 20 x 060		
		65	3.8	64	16.6	80	20.8	PSM 20 x 065		
		70	3.6	64	17.9	80	22.4	PSM 20 x 070		
		75	3.3	64	19.2	80	24.0	PSM 20 x 075		
		80	3.1	64	20.5	80	25.6	PSM 20 x 080		
		90	2.8	64	23.0	80	28.8	PSM 20 x 090		
100	2.5	64	25.6	80	32.0	PSM 20 x 100				
22	11	125	2.0	64	32.0	80	40.0	PSM 20 x 125		
		150	1.7	64	38.4	80	48.0	PSM 20 x 150		
		25	12.1	78	6.4	97	8.0	PSM 22 x 025		
		30	10.1	78	7.7	97	9.6	PSM 22 x 030		
		35	8.7	78	9.0	97	11.2	PSM 22 x 035		
		40	7.6	78	10.2	97	12.8	PSM 22 x 040		
		45	6.7	78	11.5	97	14.4	PSM 22 x 045		
		50	6.1	78	12.8	97	16.0	PSM 22 x 050		
22	11	55	5.5	78	14.1	97	17.6	PSM 22 x 055		
		60	5.1	78	15.4	97	19.2	PSM 22 x 060		

Note : Spring beyond standard OD, ID & Length can also be manufactured (Refer Page No. 38-39)



Medium Load Springs

Equivalent to JIS B 5012
Colour - Red

PSM



Do	Di	Lo	C	Maximum Life			Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)		
22	11	65	4.7	78	16.6	97	20.8	PSM 22 x 065	
		70	4.3	78	17.9	97	22.4	PSM 22 x 070	
		75	4.0	78	19.2	97	24.0	PSM 22 x 075	
		80	3.8	78	20.5	97	25.6	PSM 22 x 080	
		90	3.4	78	23.0	97	28.8	PSM 22 x 090	
		100	3.0	78	25.6	97	32.0	PSM 22 x 100	
		125	2.4	78	32.0	97	40.0	PSM 22 x 125	
		150	2.0	78	38.4	97	48.0	PSM 22 x 150	
25	12.5	25	15.6	100	6.4	125	8.0	PSM 25 x 025	
		30	13.0	100	7.7	125	9.6	PSM 25 x 030	
		35	11.2	100	9.0	125	11.2	PSM 25 x 035	
		40	9.8	100	10.2	125	12.8	PSM 25 x 040	
		45	8.7	100	11.5	125	14.4	PSM 25 x 045	
		50	7.8	100	12.8	125	16.0	PSM 25 x 050	
		55	7.1	100	14.1	125	17.6	PSM 25 x 055	
		60	6.5	100	15.4	125	19.2	PSM 25 x 060	
		65	6.0	100	16.6	125	20.8	PSM 25 x 065	
		70	5.6	100	17.9	125	22.4	PSM 25 x 070	
		75	5.2	100	19.2	125	24.0	PSM 25 x 075	
		80	4.9	100	20.5	125	25.6	PSM 25 x 080	
		90	4.3	100	23.0	125	28.8	PSM 25 x 090	
		100	3.9	100	25.6	125	32.0	PSM 25 x 100	
		125	3.1	100	32.0	125	40.0	PSM 25 x 125	
		150	2.6	100	38.4	125	48.0	PSM 25 x 150	
175	2.2	100	44.8	125	56.0	PSM 25 x 175			
27	13.5	25	18.3	117	6.4	146	8.0	PSM 27 x 025	
		30	15.2	117	7.7	146	9.6	PSM 27 x 030	
		35	13.0	117	9.0	146	11.2	PSM 27 x 035	
		40	11.4	117	10.2	146	12.8	PSM 27 x 040	
		45	10.1	117	11.5	146	14.4	PSM 27 x 045	
		50	9.1	117	12.8	146	16.0	PSM 27 x 050	
		55	8.3	117	14.1	146	17.6	PSM 27 x 055	
		60	7.6	117	15.4	146	19.2	PSM 27 x 060	
		65	7.0	117	16.6	146	20.8	PSM 27 x 065	
		70	6.5	117	17.9	146	22.4	PSM 27 x 070	
		75	6.1	117	19.2	146	24.0	PSM 27 x 075	
		80	5.7	117	20.5	146	25.6	PSM 27 x 080	
		90	5.1	117	23.0	146	28.8	PSM 27 x 090	
		100	4.6	117	25.6	146	32.0	PSM 27 x 100	
		125	3.6	117	32.0	146	40.0	PSM 27 x 125	
		150	3.0	117	38.4	146	48.0	PSM 27 x 150	
175	2.6	117	44.8	146	56.0	PSM 27 x 175			
30	15	25	22.5	144	6.4	180	8.0	PSM 30 x 025	
		30	18.8	144	7.7	180	9.6	PSM 30 x 030	
		35	16.1	144	9.0	180	11.2	PSM 30 x 035	
		40	14.1	144	10.2	180	12.8	PSM 30 x 040	
		45	12.5	144	11.5	180	14.4	PSM 30 x 045	
		50	11.3	144	12.8	180	16.0	PSM 30 x 050	
		55	10.2	144	14.1	180	17.6	PSM 30 x 055	
		60	9.4	144	15.4	180	19.2	PSM 30 x 060	
		65	8.7	144	16.6	180	20.8	PSM 30 x 065	
		70	8.0	144	17.9	180	22.4	PSM 30 x 070	
		75	7.5	144	19.2	180	24.0	PSM 30 x 075	
		80	7.0	144	20.5	180	25.6	PSM 30 x 080	
		90	6.3	144	23.0	180	28.8	PSM 30 x 090	
		100	5.6	144	25.6	180	32.0	PSM 30 x 100	
		125	4.5	144	32.0	180	40.0	PSM 30 x 125	
		150	3.8	144	38.4	180	48.0	PSM 30 x 150	
175	3.2	144	44.8	180	56.0	PSM 30 x 175			
200	2.8	144	51.2	180	64.0	PSM 30 x 200			
35	17.5	40	19.1	195	10.2	245	12.8	PSM 35 x 040	
		45	17.0	195	11.5	245	14.4	PSM 35 x 045	
		50	15.3	195	12.8	245	16.0	PSM 35 x 050	

Do	Di	Lo	C	Maximum Life			Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)		
35	17.5	55	13.9	195	14	245	17.6	PSM 35 x 055	
		60	12.8	195	15.4	245	19.2	PSM 35 x 060	
		65	11.8	195	16.6	245	20.8	PSM 35 x 065	
		70	10.9	195	17.9	245	22.4	PSM 35 x 070	
		75	10.2	195	19.2	245	24.0	PSM 35 x 075	
		80	9.6	195	20.5	245	25.6	PSM 35 x 080	
		90	8.5	195	23.0	245	28.8	PSM 35 x 090	
		100	7.7	195	25.6	245	32.0	PSM 35 x 100	
		125	6.1	195	32.0	245	40.0	PSM 35 x 125	
		150	5.1	195	38.4	245	48.0	PSM 35 x 150	
		175	4.4	195	44.8	245	56.0	PSM 35 x 175	
		200	3.8	195	51.2	245	64.0	PSM 35 x 200	
40	20	40	25.0	256	10.2	320	12.8	PSM 40 x 040	
		50	20.0	256	12.8	320	16.0	PSM 40 x 050	
		60	16.6	256	15.4	320	19.2	PSM 40 x 060	
		70	14.3	256	17.9	320	22.4	PSM 40 x 070	
		80	12.5	256	20.5	320	25.6	PSM 40 x 080	
		90	11.1	256	23.0	320	28.8	PSM 40 x 090	
		100	10.0	256	25.6	320	32.0	PSM 40 x 100	
		125	8.0	256	32.0	320	40.0	PSM 40 x 125	
		150	6.7	256	38.4	320	48.0	PSM 40 x 150	
		175	5.7	256	44.8	320	56.0	PSM 40 x 175	
		200	5.0	256	51.2	320	64.0	PSM 40 x 200	
		250	4.0	256	64.0	320	80.0	PSM 40 x 250	
275	3.6	256	70.4	320	88.0	PSM 40 x 275			
300	3.3	256	76.8	320	96.0	PSM 40 x 300			
50	25	50	31.3	400	12.8	500	16.0	PSM 50 x 050	
		60	26.0	400	15.4	500	19.2	PSM 50 x 060	
		70	22.3	400	17.9	500	22.4	PSM 50 x 070	
		80	19.5	400	20.5	500	25.6	PSM 50 x 080	
		90	17.4	400	23.0	500	28.8	PSM 50 x 090	
		100	15.6	400	25.6	500	32.0	PSM 50 x 100	
		125	12.5	400	32.0	500	40.0	PSM 50 x 125	
		150	10.4	400	38.4	500	48.0	PSM 50 x 150	
		175	8.9	400	44.8	500	56.0	PSM 50 x 175	
		200	7.8	400	51.2	500	64.0	PSM 50 x 200	
		250	6.3	400	64.0	500	80.0	PSM 50 x 250	
		300	5.2	400	76.8	500	96.0	PSM 50 x 300	
350	4.5	400	89.6	500	112.0	PSM 50 x 350			
60	30	60	37.4	575	15.4	720	19.2	PSM 60 x 060	
		70	32.1	575	17.9	720	22.4	PSM 60 x 070	
		80	28.1	575	20.5	720	25.6	PSM 60 x 080	
		90	25.0	575	23.0	720	28.8	PSM 60 x 090	
		100	22.5	575	25.6	720	32.0	PSM 60 x 100	
		125	18.0	575	32.0	720	40.0	PSM 60 x 125	
		150	15.0	575	38.4	720	48.0	PSM 60 x 150	
		175	12.9	575	44.8	720	56.0	PSM 60 x 175	
70	38.5	200	11.3	575	51.2	720	64.0	PSM 60 x 200	
		250	9.0	575	64.0	720	80.0	PSM 60 x 250	
		300	7.5	575	76.8	720	96.0	PSM 60 x 300	
		350	6.4	575	89.6	720	112.0	PSM 60 x 350	
		70	37.9	680	17.9	850	22.4	PSM 70 x 070	
		80	33.2	680	20.5	850	25.6	PSM 70 x 080	
		90	29.5	680	23.0	850	28.8	PSM 70 x 090	
		100	26.5	680	25.6	850	32.0	PSM 70 x 100	
125	21.2	680	32.0	850	40.0	PSM 70 x 125			
150	17.7	680	38.4	850	48.0	PSM 70 x 150			
175	15.2	680	44.8	850	56.0	PSM 70 x 175			
200	13.3	680	51.2	850	64.0	PSM 70 x 200			
250	10.6	680	64.0	850	80.0	PSM 70 x 250			
300	8.8	680	76.8	850	96.0	PSM 70 x 300			
350	7.9	680	89.6	850	112.0	PSM 70 x 350			

Note : Spring beyond standard OD, ID & Length can also be manufactured (Refer Page No. 38-39)