



An ISO 9001:2015 Certified Company

# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## SB

### Extra Heavy Load Springs

Equivalent to JIS B 5012

Colour - Brown



WIRE

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	6.0	14	2.4	18	3	SB 06 x 015		
		20	4.5	14	3.2	18	4	SB 06 x 020		
		25	3.6	14	4.0	18	5	SB 06 x 025		
		30	3.0	14	4.8	18	6	SB 06 x 030		
		35	2.6	14	5.6	18	7	SB 06 x 035		
		40	2.3	14	6.4	18	8	SB 06 x 040		
		45	2.0	14	7.2	18	9	SB 06 x 045		
		50	1.8	14	8.0	18	10	SB 06 x 050		
		55	1.6	14	8.8	18	11	SB 06 x 055		
		60	1.5	14	9.6	18	12	SB 06 x 060		
8	4	10	16.5	26	1.6	33	2	SB 08 x 010		
		15	11.0	26	2.4	33	3	SB 08 x 015		
		20	8.2	26	3.2	33	4	SB 08 x 020		
		25	6.6	26	4.0	33	5	SB 08 x 025		
		30	5.5	26	4.8	33	6	SB 08 x 030		
		35	4.7	26	5.6	33	7	SB 08 x 035		
		40	4.1	26	6.4	33	8	SB 08 x 040		
		45	3.7	26	7.2	33	9	SB 08 x 045		
		50	3.3	26	8.0	33	10	SB 08 x 050		
		55	3.0	26	8.8	33	11	SB 08 x 055		
		60	2.7	26	9.6	33	12	SB 08 x 060		
		65	2.5	26	10.4	33	13	SB 08 x 065		
		70	2.4	26	11.2	33	14	SB 08 x 070		
		75	2.2	26	12.0	33	15	SB 08 x 075		
80	2.1	26	12.8	33	16	SB 08 x 080				
10	5	10	22.5	36	1.6	45	2	SB 10 x 010		
		15	15.0	36	2.4	45	3	SB 10 x 015		
		20	11.2	36	3.2	45	4	SB 10 x 020		
		25	9.0	36	4.0	45	5	SB 10 x 025		
		30	7.5	36	4.8	45	6	SB 10 x 030		
		35	6.4	36	5.6	45	7	SB 10 x 035		
		40	5.6	36	6.4	45	8	SB 10 x 040		
		45	5.0	36	7.2	45	9	SB 10 x 045		
		50	4.5	36	8.0	45	10	SB 10 x 050		
		55	4.1	36	8.8	45	11	SB 10 x 055		
		60	3.8	36	9.6	45	12	SB 10 x 060		
		65	3.5	36	10.4	45	13	SB 10 x 065		
		70	3.2	36	11.2	45	14	SB 10 x 070		
		75	3.0	36	12.0	45	15	SB 10 x 075		
		80	2.8	36	12.8	45	16	SB 10 x 080		
		90	2.5	36	14.4	45	18	SB 10 x 090		
		12	6	15	19.3	46	2.4	58	3	SB 12 x 015
				20	14.5	46	3.2	58	4	SB 12 x 020
25	11.6			46	4.0	58	5	SB 12 x 025		
30	9.7			46	4.8	58	6	SB 12 x 030		
35	8.3			46	5.6	58	7	SB 12 x 035		
40	7.3			46	6.4	58	8	SB 12 x 040		
45	6.4			46	7.2	58	9	SB 12 x 045		
50	5.8			46	8.0	58	10	SB 12 x 050		
55	5.3			46	8.8	58	11	SB 12 x 055		
60	4.8			46	9.6	58	12	SB 12 x 060		
65	4.4			46	10.4	58	13	SB 12 x 065		
70	4.1			46	11.2	58	14	SB 12 x 070		
75	3.9			46	12.0	58	15	SB 12 x 075		
80	3.6			46	12.8	58	16	SB 12 x 080		
90	3.2			46	14.4	58	18	SB 12 x 090		
14	7			20	18.8	60	3.2	75	4	SB 14 x 020
				25	15.0	60	4.0	75	5	SB 14 x 025
				30	12.5	60	4.8	75	6	SB 14 x 030
		35	10.7	60	5.6	75	7	SB 14 x 035		
		40	9.4	60	6.4	75	8	SB 14 x 040		
		45	8.3	60	7.2	75	9	SB 14 x 045		
		50	7.5	60	8.0	75	10	SB 14 x 050		
		55	6.8	60	8.8	75	11	SB 14 x 055		
		60	6.3	60	9.6	75	12	SB 14 x 060		

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
14	7	65	5.8	60	10.4	75	13	SB 14 x 065		
		70	5.4	60	11.2	75	14	SB 14 x 070		
		75	5.0	60	12.0	75	15	SB 14 x 075		
		80	4.7	60	12.8	75	16	SB 14 x 080		
		90	4.2	60	14.4	75	18	SB 14 x 090		
		100	3.8	60	16.0	75	20	SB 14 x 100		
		16	8	20	25.0	80	3.2	100	4	SB 16 x 020
				25	20.0	80	4.0	100	5	SB 16 x 025
30	16.7			80	4.8	100	6	SB 16 x 030		
35	14.3			80	5.6	100	7	SB 16 x 035		
40	12.5			80	6.4	100	8	SB 16 x 040		
45	11.1			80	7.2	100	9	SB 16 x 045		
50	10.0			80	8.0	100	10	SB 16 x 050		
55	9.1			80	8.8	100	11	SB 16 x 055		
60	8.3			80	9.6	100	12	SB 16 x 060		
65	7.7			80	10.4	100	13	SB 16 x 065		
70	7.1			80	11.2	100	14	SB 16 x 070		
75	6.7			80	12.0	100	15	SB 16 x 075		
80	6.3			80	12.8	100	16	SB 16 x 080		
90	5.6			80	14.4	100	18	SB 16 x 090		
100	5.0	80	16.0	100	20	SB 16 x 100				
18	9	20	31.2	100	3.2	125	4	SB 18 x 020		
		25	25.0	100	4.0	125	5	SB 18 x 025		
		30	20.8	100	4.8	125	6	SB 18 x 030		
		35	17.9	100	5.6	125	7	SB 18 x 035		
		40	15.6	100	6.4	125	8	SB 18 x 040		
		45	13.9	100	7.2	125	9	SB 18 x 045		
		50	12.5	100	8.0	125	10	SB 18 x 050		
		55	11.4	100	8.8	125	11	SB 18 x 055		
		60	10.4	100	9.6	125	12	SB 18 x 060		
		65	9.6	100	10.4	125	13	SB 18 x 065		
		70	8.9	100	11.2	125	14	SB 18 x 070		
		75	8.3	100	12.0	125	15	SB 18 x 075		
		80	7.8	100	12.8	125	16	SB 18 x 080		
		90	7.0	100	14.4	125	18	SB 18 x 090		
100	6.3	100	16.0	125	20	SB 18 x 100				
20	10	20	40.0	128	3.2	160	4	SB 20 x 020		
		25	32.0	128	4.0	160	5	SB 20 x 025		
		30	26.7	128	4.8	160	6	SB 20 x 030		
		35	22.9	128	5.6	160	7	SB 20 x 035		
		40	20.0	128	6.4	160	8	SB 20 x 040		
		45	17.8	128	7.2	160	9	SB 20 x 045		
		50	16.0	128	8.0	160	10	SB 20 x 050		
		55	14.6	128	8.8	160	11	SB 20 x 055		
		60	13.3	128	9.6	160	12	SB 20 x 060		
		65	12.3	128	10.4	160	13	SB 20 x 065		
		70	11.4	128	11.2	160	14	SB 20 x 070		
		75	10.7	128	12.0	160	15	SB 20 x 075		
		80	10.0	128	12.8	160	16	SB 20 x 080		
		90	8.9	128	14.4	160	18	SB 20 x 090		
100	8.0	128	16.0	160	20	SB 20 x 100				
125	6.4	128	20.0	160	25	SB 20 x 125				
150	5.3	128	24.0	160	30	SB 20 x 150				
22	11	25	39.0	156	4.0	195	5	SB 22 x 025		
		30	32.5	156	4.8	195	6	SB 22 x 030		
		35	27.9	156	5.6	195	7	SB 22 x 035		
		40	24.4	156	6.4	195	8	SB 22 x 040		
		45	21.7	156	7.2	195	9	SB 22 x 045		
		50	19.5	156	8.0	195	10	SB 22 x 050		
		55	17.7	156	8.8	195	11	SB 22 x 055		
		60	16.2	156	9.6	195	12	SB 22 x 060		
		65	15.0	156	10.4	195	13	SB 22 x 065		
		70	13.9	156	11.2	195	14	SB 22 x 070		
		75	13.0	156	12.0	195	15	SB 22 x 075		
		80	12.2	156	12.8	195	16	SB 22 x 080		





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**Extra Heavy Load Springs**  
Equivalent to JIS B 5012  
**Colour - Brown**

**SB**



Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
22	11	90	10.8	156	14.4	195	18	SB 22 x 090
		100	9.7	156	16.0	195	20	SB 22 x 100
		125	7.8	156	20.0	195	25	SB 22 x 125
		150	6.5	156	24.0	195	30	SB 22 x 150
25	12.5	25	49.0	196	4.0	245	5	SB 25 x 025
		30	40.8	196	4.8	245	6	SB 25 x 030
		35	35.0	196	5.6	245	7	SB 25 x 035
		40	30.6	196	6.4	245	8	SB 25 x 040
		45	27.2	196	7.2	245	9	SB 25 x 045
		50	24.5	196	8.0	245	10	SB 25 x 050
		55	22.3	196	8.8	245	11	SB 25 x 055
		60	20.4	196	9.6	245	12	SB 25 x 060
		65	18.8	196	10.4	245	13	SB 25 x 065
		70	17.5	196	11.2	245	14	SB 25 x 070
		75	16.3	196	12.0	245	15	SB 25 x 075
		80	15.3	196	12.8	245	16	SB 25 x 080
		90	13.6	196	14.4	245	18	SB 25 x 090
		100	12.3	196	16.0	245	20	SB 25 x 100
		125	9.8	196	20.0	245	25	SB 25 x 125
		150	8.2	196	24.0	245	30	SB 25 x 150
175	7.0	196	28.0	245	35	SB 25 x 175		
27	13.5	25	58.0	232	4.0	290	5	SB 27 x 025
		30	48.3	232	4.8	290	6	SB 27 x 030
		35	41.4	232	5.6	290	7	SB 27 x 035
		40	36.3	232	6.4	290	8	SB 27 x 040
		45	32.2	232	7.2	290	9	SB 27 x 045
		50	29.0	232	8.0	290	10	SB 27 x 050
		55	26.4	232	8.8	290	11	SB 27 x 055
		60	24.2	232	9.6	290	12	SB 27 x 060
		65	22.3	232	10.4	290	13	SB 27 x 065
		70	20.7	232	11.2	290	14	SB 27 x 070
		75	19.3	232	12.0	290	15	SB 27 x 075
		80	18.1	232	12.8	290	16	SB 27 x 080
		90	16.1	232	14.4	290	18	SB 27 x 090
		100	14.5	232	16.0	290	20	SB 27 x 100
		125	11.6	232	20.0	290	25	SB 27 x 125
		150	9.7	232	24.0	290	30	SB 27 x 150
175	8.3	232	28.0	290	35	SB 27 x 175		
30	15	25	72.0	288	4.0	360	5	SB 30 x 025
		30	60.0	288	4.8	360	6	SB 30 x 030
		35	51.4	288	5.6	360	7	SB 30 x 035
		40	45.0	288	6.4	360	8	SB 30 x 040
		45	40.0	288	7.2	360	9	SB 30 x 045
		50	36.0	288	8.0	360	10	SB 30 x 050
		55	32.7	288	8.8	360	11	SB 30 x 055
		60	30.0	288	9.6	360	12	SB 30 x 060
		65	27.7	288	10.4	360	13	SB 30 x 065
		70	25.7	288	11.2	360	14	SB 30 x 070
		75	24.0	288	12.0	360	15	PSB 30 x 075
		80	22.5	288	12.8	360	16	SB 30 x 080
		90	20.0	288	14.4	360	18	SB 30 x 090
		100	18.0	288	16.0	360	20	SB 30 x 100
		125	14.4	288	20.0	360	25	SB 30 x 125
		150	12.0	288	24.0	360	30	SB 30 x 150
175	10.3	288	28.0	360	35	SB 30 x 175		
200	9.0	288	32.0	360	40	SB 30 x 200		
35	17.5	40	61.3	392	6.4	490	8	SB 35 x 040
		45	54.4	392	7.2	490	9	SB 35 x 045
		50	49.0	392	8.0	490	10	SB 35 x 050
		55	44.5	392	8.8	490	11	SB 35 x 055
		60	40.8	392	9.6	490	12	SB 35 x 060
		65	37.7	392	10.4	490	13	SB 35 x 065
		70	35.0	392	11.2	490	14	SB 35 x 070
		75	32.7	392	12.0	490	15	SB 35 x 075
		80	30.6	392	12.8	490	16	SB 35 x 080

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
35	17.5	90	27.2	392	14.4	490	18	SB 35 x 090		
		100	24.5	392	16.0	490	20	SB 35 x 100		
		125	19.6	392	20.0	490	25	SB 35 x 125		
		150	16.3	392	24.0	490	30	SB 35 x 150		
		175	14.0	392	28.0	490	35	SB 35 x 175		
		200	12.3	392	32.0	490	40	SB 35 x 200		
40	20	40	80.0	512	6.4	640	8	SB 40 x 040		
		45	71.1	512	7.2	640	9	SB 40 x 045		
		50	64.0	512	8.0	640	10	SB 40 x 050		
		55	58.1	512	8.8	640	11	SB 40 x 055		
		60	53.3	512	9.6	640	12	SB 40 x 060		
		65	49.2	512	10.4	640	13	SB 40 x 065		
		70	45.7	512	11.2	640	14	SB 40 x 070		
		75	42.6	512	12.0	640	15	SB 40 x 075		
		80	40.0	512	12.8	640	16	SB 40 x 080		
		90	35.5	512	14.4	640	18	SB 40 x 090		
		100	32.0	512	16.0	640	20	SB 40 x 100		
		125	25.6	512	20.0	640	25	SB 40 x 125		
		150	21.3	512	24.0	640	30	SB 40 x 150		
		175	18.3	512	28.0	640	35	SB 40 x 175		
50	25	200	16.0	512	32.0	640	40	SB 40 x 200		
		225	14.2	512	36.0	640	45	SB 40 x 225		
		250	12.8	512	40.0	640	50	SB 40 x 250		
		275	11.6	512	44.0	640	55	SB 40 x 275		
		300	10.7	512	48.0	640	60	SB 40 x 300		
		50	25	50	100.0	800	8.0	1000	10	SB 50 x 050
		55		90.9	800	8.8	1000	11	SB 50 x 055	
		60		83.3	800	9.6	1000	12	SB 50 x 060	
		65		76.9	800	10.4	1000	13	SB 50 x 065	
		70		71.4	800	11.2	1000	14	SB 50 x 070	
		75		66.7	800	12.0	1000	15	SB 50 x 075	
		80		62.5	800	12.8	1000	16	SB 50 x 080	
		90		55.6	800	14.4	1000	18	SB 50 x 090	
		100		50.0	800	16.0	1000	20	SB 50 x 100	
125	40.0	800		20.0	1000	25	SB 50 x 125			
150	33.3	800		24.0	1000	30	SB 50 x 150			
175	28.6	800		28.0	1000	35	SB 50 x 175			
200	25.0	800		32.0	1000	40	SB 50 x 200			
225	22.2	800		36.0	1000	45	SB 50 x 225			
250	20.0	800	40.0	1000	50	SB 50 x 250				
275	18.2	800	44.0	1000	55	SB 50 x 275				
300	16.7	800	48.0	1000	60	SB 50 x 300				
350	14.3	800	56.0	1000	70	SB 50 x 350				
60	30	60	120.0	1152	9.6	1440	12	SB 60 x 060		
		70	102.9	1152	11.2	1440	14	SB 60 x 070		
		80	90.0	1152	12.8	1440	16	SB 60 x 080		
		90	80.0	1152	14.4	1440	18	SB 60 x 090		
		100	72.0	1152	16.0	1440	20	SB 60 x 100		
		125	57.6	1152	20.0	1440	25	SB 60 x 125		
		150	48.0	1152	24.0	1440	30	SB 60 x 150		
		175	41.1	1152	28.0	1440	35	SB 60 x 175		
		200	36.0	1152	32.0	1440	40	SB 60 x 200		
		250	28.8	1152	40.0	1440	50	SB 60 x 250		
		300	24.0	1152	48.0	1440	60	SB 60 x 300		
		350	20.6	1152	56.0	1440	70	SB 60 x 350		
		70	38.5	70	124.3	1392	11.2	1740	14	SB 70 x 070
				80	108.8	1392	12.8	1740	16	SB 70 x 080
90	96.7			1392	14.4	1740	18	SB 70 x 090		
100	87.0			1392	16.0	1740	20	SB 70 x 100		
125	69.6			1392	20.0	1740	25	SB 70 x 125		
150	58.0			1392	24.0	1740	30	SB 70 x 150		
175	49.7			1392	28.0	1740	35	SB 70 x 175		
200	43.5			1392	32.0	1740	40	SB 70 x 200		
250	34.8			1392	40.0	1740	50	SB 70 x 250		
300	29.0			1392	48.0	1740	60	SB 70 x 300		
350	24.9	1392	56.0	1740	70	SB 70 x 350				





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Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## SF

### Lightest Load Springs

Equivalent to JIS B 5012

Colour - Yellow



WIRE

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	0.8	4.8	6	6	7.5	SF 06 x 15
		20	0.6	4.8	8	6	10.0	SF 06 x 20
		25	0.5	4.8	10	6	12.5	SF 06 x 25
		30	0.4	4.8	12	6	15.0	SF 06 x 30
		35	0.3	4.8	14	6	17.5	SF 06 x 35
		40	0.3	4.8	16	6	20.0	SF 06 x 40
8	4	10	1.6	6.4	4	8	5.0	SF 08 x 10
		15	1.1	6.4	6	8	7.5	SF 08 x 15
		20	0.8	6.4	8	8	10.0	SF 08 x 20
		25	0.6	6.4	10	8	12.5	SF 08 x 25
		30	0.5	6.4	12	8	15.0	SF 08 x 30
		35	0.5	6.4	14	8	17.5	SF 08 x 35
		40	0.4	6.4	16	8	20.0	SF 08 x 40
		45	0.4	6.4	18	8	22.5	SF 08 x 45
		50	0.3	6.4	20	8	25.0	SF 08 x 50
		55	0.3	6.4	22	8	27.5	SF 08 x 55
		60	0.3	6.4	24	8	30.0	SF 08 x 60
		65	0.3	6.4	26	8	32.5	SF 08 x 65
		70	0.2	6.4	28	8	35.0	SF 08 x 70
		75	0.2	6.4	30	8	37.5	SF 08 x 75
80	0.2	6.4	32	8	40.0	SF 08 x 80		
10	5	10	2.0	8	4	10	5.0	SF 10 x 010
		15	1.3	8	6	10	7.5	SF 10 x 015
		20	1.0	8	8	10	10.0	SF 10 x 020
		25	0.8	8	10	10	12.5	SF 10 x 025
		30	0.7	8	12	10	15.0	SF 10 x 030
		35	0.6	8	14	10	17.5	SF 10 x 035
		40	0.5	8	16	10	20.0	SF 10 x 040
		45	0.4	8	18	10	22.5	SF 10 x 045
		50	0.4	8	20	10	25.0	SF 10 x 050
		55	0.4	8	22	10	27.5	SF 10 x 055
		60	0.3	8	24	10	30.0	SF 10 x 060
		65	0.3	8	26	10	32.5	SF 10 x 065
		70	0.3	8	28	10	35.0	SF 10 x 070
		75	0.3	8	30	10	37.5	SF 10 x 075
80	0.3	8	32	10	40.0	SF 10 x 080		
90	0.2	8	36	10	45.0	SF 10 x 090		
12	6	15	1.9	11	6	14	7.5	SF 12 X 015
		20	1.4	11	8	14	10.0	SF 12 x 020
		25	1.1	11	10	14	12.5	SF 12 x 025
		30	0.9	11	12	14	15.0	SF 12 x 030
		35	0.8	11	14	14	17.5	SF 12 x 035
		40	0.7	11	16	14	20.0	SF 12 x 040
		45	0.6	11	18	14	22.5	SF 12 x 045
		50	0.6	11	20	14	25.0	SF 12 x 050
		55	0.5	11	22	14	27.5	SF 12 x 055
		60	0.5	11	24	14	30.0	SF 12 x 060
		65	0.4	11	26	14	32.5	SF 12 x 065
		70	0.4	11	28	14	35.0	SF 12 x 070
		75	0.4	11	30	14	37.5	SF 12 x 075
		80	0.4	11	32	14	40.0	SF 12 x 080
90	0.3	11	36	14	45.0	SF 12 x 090		
14	7	20	1.8	14.5	8	18	10.0	SF 14 x 020
		25	1.4	14.5	10	18	12.5	SF 14 x 025
		30	1.2	14.5	12	18	15.0	SF 14 x 030
		35	1.0	14.5	14	18	17.5	SF 14 x 035
		40	0.9	14.5	16	18	20.0	SF 14 x 040
		45	0.8	14.5	18	18	22.5	SF 14 x 045
		50	0.7	14.5	20	18	25.0	SF 14 x 050
		55	0.7	14.5	22	18	27.5	SF 14 x 055
		60	0.6	14.5	24	18	30.0	SF 14 x 060
		65	0.6	14.5	26	18	32.5	SF 14 x 065
		70	0.5	14.5	28	18	35.0	SF 14 x 070
		75	0.5	14.5	30	18	37.5	SF 14 x 075
		80	0.5	14.5	32	18	40.0	SF 14 x 080
		90	0.4	14.5	36	18	45.0	SF 14 x 090
100	0.4	14.5	40	18	50.0	SF 14 x 100		

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
16	8	20	2.1	17	8	21	10.0	SF 16 x 020
		25	1.7	17	10	21	12.5	SF 16 x 025
		30	1.4	17	12	21	15.0	SF 16 x 030
		35	1.2	17	14	21	17.5	SF 16 x 035
		40	1.1	17	16	21	20.0	SF 16 x 040
		45	0.9	17	18	21	22.5	SF 16 x 045
		50	0.8	17	20	21	25.0	SF 16 x 050
		55	0.8	17	22	21	27.5	SF 16 x 055
		60	0.7	17	24	21	30.0	SF 16 x 060
		65	0.7	17	26	21	32.5	SF 16 x 065
		70	0.6	17	28	21	35.0	SF 16 x 070
		75	0.6	17	30	21	37.5	SF 16 x 075
		80	0.5	17	32	21	40.0	SF 16 x 080
		90	0.5	17	36	21	45.0	SF 16 x 090
100	0.4	17	40	21	50.0	SF 16 x 100		
125	0.3	17	50	21	62.5	SF 16 x 125		
18	9	20	2.6	21	8	26	10.0	SF 18 x 020
		25	2.1	21	10	26	12.5	SF 18 x 025
		30	1.7	21	12	26	15.0	SF 18 x 030
		35	1.5	21	14	26	17.5	SF 18 x 035
		40	1.3	21	16	26	20.0	SF 18 x 040
		45	1.2	21	18	26	22.5	SF 18 x 045
		50	1.0	21	20	26	25.0	SF 18 x 050
		55	1.0	21	22	26	27.5	SF 18 x 055
		60	0.9	21	24	26	30.0	SF 18 x 060
		65	0.8	21	26	26	32.5	SF 18 x 065
		70	0.7	21	28	26	35.0	SF 18 x 070
		75	0.7	21	30	26	37.5	SF 18 x 075
		80	0.7	21	32	26	40.0	SF 18 x 080
		90	0.6	21	36	26	45.0	SF 18 x 090
100	0.5	21	40	26	50.0	SF 18 x 100		
125	0.4	21	50	26	62.5	SF 18 x 125		
20	11	20	3.2	26	8	32	10.0	SF 20 x 020
		25	2.6	26	10	32	12.5	SF 20 x 025
		30	2.1	26	12	32	15.0	SF 20 x 030
		35	1.8	26	14	32	17.5	SF 20 x 035
		40	1.6	26	16	32	20.0	SF 20 x 040
		45	1.4	26	18	32	22.5	SF 20 x 045
		50	1.3	26	20	32	25.0	SF 20 x 050
		55	1.2	26	22	32	27.5	SF 20 x 055
		60	1.1	26	24	32	30.0	SF 20 x 060
		65	1.0	26	26	32	32.5	SF 20 x 065
		70	0.9	26	28	32	35.0	SF 20 x 070
		75	0.9	26	30	32	37.5	SF 20 x 075
		80	0.8	26	32	32	40.0	SF 20 x 080
		90	0.7	26	36	32	45.0	SF 20 x 090
100	0.6	26	40	32	50.0	SF 20 x 100		
125	0.5	26	50	32	62.5	SF 20 x 125		
150	0.4	26	60	32	75.0	SF 20 x 150		
22	11	25	3.2	32	10	40	12.5	SF 22 x 025
		30	2.7	32	12	40	15.0	SF 22 x 030
		35	2.3	32	14	40	17.5	SF 22 x 035
		40	2.0	32	16	40	20.0	SF 22 x 040
		45	1.8	32	18	40	22.5	SF 22 x 045
		50	1.6	32	20	40	25.0	SF 22 x 050
		55	1.5	32	22	40	27.5	SF 22 x 055
		60	1.3	32	24	40	30.0	SF 22 x 060
		65	1.2	32	26	40	32.5	SF 22 x 065
		70	1.1	32	28	40	35.0	SF 22 x 070
		75	1.8	32	30	40	37.5	SF 22 x 075
		80	1.0	32	32	40	40.0	SF 22 x 080
		90	0.9	32	36	40	45.0	SF 22 x 090
		100	0.8	32	40	40	50.0	SF 22 x 100
125	0.6	32	50	40	62.5	SF 22 x 125		
150	0.5	32	60	40	75.0	SF 22 x 150		
25	12.5	25	4.0	40	10	50	12.5	SF 25 x 025
		30	3.3	40	12	50	15.0	SF 25 x 030





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# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## Lightest Load Springs

Equivalent to JIS B 5012

Colour - Yellow

# SF



Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
25	12.5	35	2.9	40	14	50	17.5	SF 25 x 035		
		40	2.5	40	16	50	20.0	SF 25 x 040		
		45	2.2	40	18	50	22.5	SF 25 x 045		
		50	2.0	40	20	50	25.0	SF 25 x 050		
		55	1.8	40	22	50	27.5	SF 25 x 055		
		60	1.7	40	24	50	30.0	SF 25 x 060		
		65	1.5	40	26	50	32.5	SF 25 x 065		
		70	1.4	40	28	50	35.0	SF 25 x 070		
		75	1.3	40	30	50	37.5	SF 25 x 075		
		80	1.3	40	32	50	40.0	SF 25 x 080		
		90	1.1	40	36	50	45.0	SF 25 x 090		
		100	1.0	40	40	50	50.0	SF 25 x 100		
		125	0.8	40	50	50	62.5	SF 25 x 125		
		150	0.7	40	60	50	75.0	SF 25 x 150		
		175	0.6	40	70	50	87.5	SF 25 x 175		
		200	0.5	40	80	50	100.0	SF 25 x 200		
		27	13.5	25	4.8	48	10	60	12.5	SF 27 x 025
30	4.0			48	12	60	15.0	SF 27 x 030		
35	3.4			48	14	60	17.5	SF 27 x 035		
40	3.0			48	16	60	20.0	SF 27 x 040		
45	2.7			48	18	60	22.5	SF 27 x 045		
50	2.4			48	20	60	25.0	SF 27 x 050		
55	2.2			48	22	60	27.5	SF 27 x 055		
60	2.0			48	24	60	30.0	SF 27 x 060		
65	1.9			48	26	60	32.5	SF 27 x 065		
70	1.7			48	28	60	35.0	SF 27 x 070		
75	1.6			48	30	60	37.5	SF 27 x 075		
80	1.5			48	32	60	40.0	SF 27 x 080		
90	1.3			48	36	60	45.0	SF 27 x 090		
100	1.2			48	40	60	50.0	SF 27 x 100		
125	1.0			48	50	60	62.5	SF 27 x 125		
150	0.8			48	60	60	75.0	SF 27 x 150		
175	0.7			48	70	60	87.5	SF 27 x 175		
200	0.6	48	80	60	100.0	SF 27 x 200				
30	16	25	5.8	58	10	72	12.5	SF 30 x 025		
		30	4.8	58	12	72	15.0	SF 30 x 030		
		35	4.1	58	14	72	17.5	SF 30 x 035		
		40	3.6	58	16	72	20.0	SF 30 x 040		
		45	3.2	58	18	72	22.5	SF 30 x 045		
		50	2.9	58	20	72	25.0	SF 30 x 050		
		55	2.6	58	22	72	27.5	SF 30 x 055		
		60	2.4	58	24	72	30.0	SF 30 x 060		
		65	2.2	58	26	72	32.5	SF 30 x 065		
		70	2.1	58	28	72	35.0	SF 30 x 070		
		75	1.9	58	30	72	37.5	SF 30 x 075		
		80	1.8	58	32	72	40.0	SF 30 x 080		
		90	1.6	58	36	72	45.0	SF 30 x 090		
		100	1.4	58	40	72	50.0	SF 30 x 100		
		125	1.6	58	50	72	62.5	SF 30 x 125		
		150	1.0	58	60	72	75.0	SF 30 x 150		
		175	0.8	58	70	72	87.5	SF 30 x 175		
200	0.7	58	80	72	100.0	SF 30 x 200				
35	19	40	4.9	78.4	16	98	20.0	SF 35 x 040		
		45	4.4	78.4	18	98	22.5	SF 35 x 045		
		50	3.9	78.4	20	98	25.0	SF 35 x 050		
		55	3.6	78.4	22	98	27.5	SF 35 x 055		
		60	3.3	78.4	24	98	30.0	SF 35 x 060		
		65	3.0	78.4	26	98	32.5	SF 35 x 065		
		70	2.8	78.4	28	98	35.0	SF 35 x 070		
		75	2.6	78.4	30	98	37.5	SF 35 x 075		
		80	2.5	78.4	32	98	40.0	SF 35 x 080		
		90	2.2	78.4	36	98	45.0	SF 35 x 090		
		100	2.0	78.4	40	98	50.0	SF 35 x 100		
		125	1.6	78.4	50	98	62.5	SF 35 x 125		
		150	1.3	78.4	60	98	75.0	SF 35 x 150		
		175	1.1	78.4	70	98	87.5	SF 35 x 175		
		200	0.9	78.4	80	98	100.0	SF 35 x 200		
		40	22	40	6.4	102	16	128	20.0	SF 40 x 040

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
40	22	50	5.1	102	20	128	25.0	SF 40 x 050		
		60	4.3	102	24	128	30.0	SF 40 x 060		
		70	3.7	102	28	128	35.0	SF 40 x 070		
		80	3.2	102	32	128	40.0	SF 40 x 080		
		90	2.8	102	36	128	45.0	SF 40 x 090		
		100	2.6	102	40	128	50.0	SF 40 x 100		
		125	2.0	102	50	128	62.5	SF 40 x 125		
		150	1.7	102	60	128	75.0	SF 40 x 150		
		175	1.5	102	70	128	87.5	SF 40 x 175		
		200	1.3	102	80	128	100.0	SF 40 x 200		
		250	1.0	102	100	128	125.0	SF 40 x 250		
		275	1.0	102	110	128	137.5	SF 40 x 275		
		300	0.9	102	120	128	150	SF 40 x 300		
		40	26	40	4.0	52	16	65	20.0	SFR 40 x 040
				50	3.2	52	20	65	25.0	SFR 40 x 050
				60	2.6	52	24	65	30.0	SFR 40 x 060
				70	2.4	52	28	65	35.0	SFR 40 x 070
80	2.1			52	32	65	40.0	SFR 40 x 080		
90	1.8			52	36	65	45.0	SFR 40 x 090		
100	1.5			52	40	65	50.0	SFR 40 x 100		
125	1.6			52	50	65	62.5	SFR 40 x 125		
150	0.9			52	60	65	75.0	SFR 40 x 150		
175	0.8			52	70	65	87.5	SFR 40 x 175		
200	0.6	52	80	65	100.0	SFR 40 x 200				
250	0.4	52	100	65	125.0	SFR 40 x 250				
50	27.5	50	8.0	160	20	200	25.0	SF 50 x 050		
		60	6.7	160	24	200	30.0	SF 50 x 060		
		70	5.7	160	28	200	35.0	SF 50 x 070		
		80	5.0	160	32	200	40.0	SF 50 x 080		
		90	4.4	160	36	200	45.0	SF 50 x 090		
		100	4.0	160	40	200	50.0	SF 50 x 100		
		125	3.2	160	50	200	62.5	SF 50 x 125		
		150	2.7	160	60	200	75.0	SF 50 x 150		
		175	2.3	160	70	200	87.5	SF 50 x 175		
		200	2.0	160	80	200	100.0	SF 50 x 200		
		250	1.6	160	100	200	125.0	SF 50 x 250		
		300	1.3	160	120	200	150.0	SF 50 x 300		
		350	1.1	160	140	200	175.0	SF 50 x 350		
		400	1.0	160	160	200	200.0	SF 50 x 400		
		450	0.9	160	180	200	225.0	SF 50 x 450		
		500	0.8	160	200	200	250.0	SF 50 x 500		
		50	31	50	5.4	99	20	123.3	25.0	SFR 50 x 050
60	4.5			99	24	123.3	30.0	SFR 50 x 060		
70	3.6			99	28	123.3	35.0	SFR 50 x 070		
80	3.0			99	32	123.3	40.0	SFR 50 x 080		
90	2.7			99	36	123.3	45.0	SFR 50 x 090		
100	2.4			99	40	123.3	50.0	SFR 50 x 100		
125	1.9			99	50	123.3	62.5	SFR 50 x 125		
150	1.6			99	60	123.3	75.0	SFR 50 x 150		
175	1.3			99	70	123.3	87.5	SFR 50 x 175		
200	1.1			99	80	123.3	100.0	SFR 50 x 200		
250	0.9	99	100	123.3	125.0	SFR 50 x 250				
300	0.8	99	120	123.3	150.0	SFR 50 x 300				
60	33	60	10.0	230	24	288	30.0	SF 60 x 060		
		70	8.2	230	28	288	35.0	SF 60 x 070		
		80	7.2	230	32	288	40.0	SF 60 x 080		
		90	6.4	230	36	288	45.0	SF 60 x 090		
		100	5.8	230	40	288	50.0	SF 60 x 100		
		125	4.6	230	50	288	62.5	SF 60 x 125		
		150	3.8	230	60	288	75.0	SF 60 x 150		
		175	3.3	230	70	288	87.5	SF 60 x 175		
		200	2.9	230	80	288	100.0	SF 60 x 200		
		250	2.3	230	100	288	125.0	SF 60 x 250		
300	1.9	230	120	288	150.0	SF 60 x 300				
350	1.6	230	140	288	175.0	SF 60 x 350				
400	1.4	230	160	288	200.0	SF 60 x 400				
450	1.3	230	180	288	225.0	SF 60 x 450				
500	1.2	230	200	288	250.0	SF 60 x 500				
60	36	60	7.4	148.8	24	186	30.0	SFR 60 x 060		
		70	6.3	148.8	28	186	35.0	SFR 60 x 070		
		80	5.3	148.8	32	186	40.0	SFR 60 x 080		
		90	4.2	148.8	36	186	45.0	SFR 60 x 090		
		100	3.1	148.8	40	186	50.0	SFR 60 x 100		
		125	2.4	148.8	50	186	62.5	SFR 60 x 125		
		150	2.1	148.8	60	186	75.0	SFR 60 x 150		
		175	1.9	148.8	70	186	87.5	SFR 60 x 175		
		200	1.6	148.8	80	186	100.0	SFR 60 x 200		
		250	1.3	148.8	100	186	125.0	SFR 60 x 250		
300	1.0	148.8	120	186	150.0	SFR 60 x 300				
70	38.5	70	11.4	320	28	400	35.0	SF 70 x 070		
		80	10.0	320	32	400	40.0	SF 70 x 080		
		90	8.9	320	36	400	45.0	SF 70 x 090		
		100	8.0	320	40	400	50.0	SF 70 x 100		
		125	6.4	320	50	400	62.5	SF 70 x 125		
		150	5.3	320	60	400	75.0	SF 70 x 150		
		175	4.6	320	70	400	87.5	SF 70 x 175		
		200	4.0	320	80	400	100.0	SF 70 x 200		
		250	3.2	320	100	400	125.0	SF 70 x 250		
		300	2.7	320	120	400	150.0	SF 70 x 300		
350	2.3	320	140	400	175.0	SF 70 x 350				





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# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## SH

### Heavy Load Springs

Equivalent to JIS B 5012

Colour - Dark Green



WIRE

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	3.9	11	2.9	14	3.6	SH 06 x 015
		20	2.9	11	3.8	14	4.8	SH 06 x 020
		25	2.3	11	4.8	14	6.0	SH 06 x 025
		30	1.9	11	5.8	14	7.2	SH 06 x 030
		35	1.7	11	6.7	14	8.4	SH 06 x 035
		40	1.5	11	7.7	14	9.6	SH 06 x 040
		45	1.3	11	8.6	14	10.8	SH 06 x 045
		50	1.2	11	9.6	14	12.0	SH 06 x 050
		55	1.1	11	10.6	14	13.2	SH 06 x 055
		60	1.0	11	11.5	14	14.4	SH 06 x 060
8	4	10	8.8	17	1.9	21	2.4	SH 08 x 010
		15	5.8	17	2.9	21	3.6	SH 08 x 015
		20	4.4	17	3.8	21	4.8	SH 08 x 020
		25	3.5	17	4.8	21	6.0	SH 08 x 025
		30	2.9	17	5.8	21	7.2	SH 08 x 030
		35	2.5	17	6.7	21	8.4	SH 08 x 035
		40	2.2	17	7.7	21	9.6	SH 08 x 040
		45	1.9	17	8.6	21	10.8	SH 08 x 045
		50	1.8	17	9.6	21	12.0	SH 08 x 050
		55	1.6	17	10.6	21	13.2	SH 08 x 055
10	5	10	12.5	24	1.9	30	2.4	SH 10 x 010
		15	8.3	24	2.9	30	3.6	SH 10 x 015
		20	6.3	24	3.8	30	4.8	SH 10 x 020
		25	5.0	24	4.8	30	6.0	SH 10 x 025
		30	4.2	24	5.8	30	7.2	SH 10 x 030
		35	3.6	24	6.7	30	8.4	SH 10 x 035
		40	3.1	24	7.7	30	9.6	SH 10 x 040
		45	2.8	24	8.6	30	10.8	SH 10 x 045
		50	2.5	24	9.6	30	12.0	SH 10 x 050
		55	2.3	24	10.6	30	13.2	SH 10 x 055
12	6	15	11.9	34	2.9	43	3.6	SH 12 x 015
		20	8.9	34	3.8	43	4.8	SH 12 x 020
		25	7.1	34	4.8	43	6.0	SH 12 x 025
		30	6.0	34	5.8	43	7.2	SH 12 x 030
		35	5.1	34	6.7	43	8.4	SH 12 x 035
		40	4.5	34	7.7	43	9.6	SH 12 x 040
		45	4.0	34	8.6	43	10.8	SH 12 x 045
		50	3.6	34	9.6	43	12.0	SH 12 x 050
		55	3.3	34	10.6	43	13.2	SH 12 x 055
		60	3.0	34	11.5	43	14.4	SH 12 x 060
14	7	20	12.3	47	3.8	59	4.8	SH 14 x 020
		25	9.8	47	4.8	59	6.0	SH 14 x 025
		30	8.2	47	5.8	59	7.2	SH 14 x 030
		35	7.0	47	6.7	59	8.4	SH 14 x 035
		40	6.1	47	7.7	59	9.6	SH 14 x 040
		45	5.5	47	8.6	59	10.8	SH 14 x 045
		50	4.9	47	9.6	59	12.0	SH 14 x 050
		55	4.5	47	10.6	59	13.2	SH 14 x 055
		60	4.1	47	11.5	59	14.4	SH 14 x 060

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
14	7	65	3.8	47	12.5	59	15.6	SH 14 x 65
		70	3.5	47	13.4	59	16.8	SH 14 x 070
		75	3.3	47	14.4	59	18.0	SH 14 x 075
		80	3.1	47	15.4	59	19.2	SH 14 x 080
		90	2.7	47	17.3	59	21.6	SH 14 x 090
		100	2.5	47	19.2	59	24	SH 14 x 100
		16	8	20	16.0	62	3.8	77
25	12.8			62	4.8	77	6.0	SH 16 x 025
30	10.7			62	5.8	77	7.2	SH 16 x 030
35	9.2			62	6.7	77	8.4	SH 16 x 035
40	8.0			62	7.7	77	9.6	SH 16 x 040
45	7.1			62	8.6	77	10.8	SH 16 x 045
50	6.4			62	9.6	77	12.0	SH 16 x 050
55	5.8			62	10.6	77	13.2	SH 16 x 055
60	5.3			62	11.5	77	14.4	SH 16 x 060
65	4.9			62	12.5	77	15.6	SH 16 x 065
70	4.6			62	13.4	77	16.8	SH 16 x 070
75	4.3			62	14.4	77	18.0	SH 16 x 075
80	4.0			62	15.4	77	19.2	SH 16 x 080
18	9	20	20.2	78	3.8	97	4.8	SH 18 x 020
		25	16.2	78	4.8	97	6.0	SH 18 x 025
		30	13.5	78	5.8	97	7.2	SH 18 x 030
		35	11.5	78	6.7	97	8.4	SH 18 x 035
		40	10.1	78	7.7	97	9.6	SH 18 x 040
		45	9.0	78	8.6	97	10.8	SH 18 x 045
		50	8.1	78	9.6	97	12.0	SH 18 x 050
		55	7.3	78	10.6	97	13.2	SH 18 x 055
		60	6.7	78	11.5	97	14.4	SH 18 x 060
		65	6.2	78	12.5	97	15.6	SH 18 x 065
20	10	20	25.0	96	3.8	120	4.8	SH 20 x 020
		25	20.0	96	4.8	120	6.0	SH 20 x 025
		30	16.7	96	5.8	120	7.2	SH 20 x 030
		35	14.3	96	6.7	120	8.4	SH 20 x 035
		40	12.5	96	7.7	120	9.6	SH 20 x 040
		45	11.1	96	8.6	120	10.8	SH 20 x 045
		50	10.0	96	9.6	120	12.0	SH 20 x 050
		55	9.1	96	10.6	120	13.2	SH 20 x 055
		60	8.3	96	11.5	120	14.4	SH 20 x 060
		65	7.7	96	12.5	120	15.6	SH 20 x 065
22	11	25	24.2	116	4.8	145	6.0	SH 22 x 025
		30	20.1	116	5.8	145	7.2	SH 22 x 030
		35	17.3	116	6.7	145	8.4	SH 22 x 035
		40	15.1	116	7.7	145	9.6	SH 22 x 040
		45	13.4	116	8.6	145	10.8	SH 22 x 045
		50	12.1	116	9.6	145	12.0	SH 22 x 050
		55	10.9	116	10.6	145	13.2	SH 22 x 055
		60	10.1	116	11.5	145	14.4	SH 22 x 060
		65	9.3	116	12.5	145	15.6	SH 22 x 065
		70	8.6	116	13.4	145	16.8	SH 22 x 070
22	11	75	8.0	116	14.4	145	18.0	SH 22 x 075
		80	7.6	116	15.4	145	19.2	SH 22 x 080





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# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## Heavy Load Springs Equivalent to JIS B 5012 Colour - Dark Green



Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
22	11	90	6.7	116	17.3	145	21.6	SH 22 x 090
		100	6.0	116	19.2	145	24.0	SH 22 x 100
		125	4.8	116	24.0	145	30.0	SH 22 x 125
		150	4.0	116	28.8	145	36.0	SH 22 x 150
25	12.5	25	31.2	150	4.8	187	6.0	SH 25 x 025
		30	26.0	150	5.8	187	7.2	SH 25 x 030
		35	22.3	150	6.7	187	8.4	SH 25 x 035
		40	19.5	150	7.7	187	9.6	SH 25 x 040
		45	17.3	150	8.6	187	10.8	SH 25 x 045
		50	15.6	150	9.6	187	12.0	SH 25 x 050
		55	14.2	150	10.6	187	13.2	SH 25 x 055
		60	13.0	150	11.5	187	14.4	SH 25 x 060
		65	12.0	150	12.5	187	15.6	SH 25 x 065
		70	11.1	150	13.4	187	16.8	SH 25 x 070
		75	10.4	150	14.4	187	18.0	SH 25 x 075
		80	9.7	150	15.4	187	19.2	SH 25 x 080
		90	8.7	150	17.3	187	21.6	SH 25 x 090
		100	7.8	150	19.2	187	24.0	SH 25 x 100
		125	6.2	150	24.0	187	30.0	SH 25 x 125
		150	5.2	150	28.8	187	36.0	SH 25 x 150
175	4.5	150	33.6	187	42.0	SH 25 x 175		
27	13.5	25	36.4	175	4.8	219	6.0	SH 27 x 025
		30	30.4	175	5.8	219	7.2	SH 27 x 030
		35	26.2	175	6.7	219	8.4	SH 27 x 035
		40	22.8	175	7.7	219	9.6	SH 27 x 040
		45	20.3	175	8.6	219	10.8	SH 27 x 045
		50	18.3	175	9.6	219	12.0	SH 27 x 050
		55	16.5	175	10.6	219	13.2	SH 27 x 055
		60	15.2	175	11.5	219	14.4	SH 27 x 060
		65	14.0	175	12.5	219	15.6	SH 27 x 065
		70	13.0	175	13.4	219	16.8	SH 27 x 070
		75	12.1	175	14.4	219	18.0	SH 27 x 075
		80	11.4	175	15.4	219	19.2	SH 27 x 080
		90	10.1	175	17.3	219	21.6	SH 27 x 090
		100	9.1	175	19.2	219	24.0	SH 27 x 100
125	7.3	175	24.0	219	30.0	SH 27 x 125		
150	6.1	175	28.8	219	36.0	SH 27 x 150		
175	5.2	175	33.6	219	42.0	SH 27 x 175		
30	15	25	45.0	216	4.8	270	6.0	SH 30 x 025
		30	37.5	216	5.8	270	7.2	SH 30 x 030
		35	32.3	216	6.7	270	8.4	SH 30 x 035
		40	28.1	216	7.7	270	9.6	SH 30 x 040
		45	25.0	216	8.6	270	10.8	SH 30 x 045
		50	22.5	216	9.6	270	12.0	SH 30 x 050
		55	20.4	216	10.6	270	13.2	SH 30 x 055
		60	18.8	216	11.5	270	14.4	SH 30 x 060
		65	17.3	216	12.5	270	15.6	SH 30 x 065
		70	16.1	216	13.4	270	16.8	SH 30 x 070
		75	15.0	216	14.4	270	18.0	SH 30 x 075
		80	14.1	216	15.4	270	19.2	SH 30 x 080
		90	12.5	216	17.3	270	21.6	SH 30 x 090
		100	11.3	216	19.2	270	24.0	SH 30 x 100
125	9.0	216	24.0	270	30.0	SH 30 x 125		
150	7.5	216	28.8	270	36.0	SH 30 x 150		
175	6.4	216	33.6	270	42.0	SH 30 x 175		
200	5.6	216	38.4	270	48.0	SH 30 x 200		
35	17.5	40	38.2	293	7.7	367	9.6	SH 35 x 040
		45	34.0	293	8.6	367	10.8	SH 35 x 045
		50	30.6	293	9.6	367	12.0	SH 35 x 050
		55	27.8	293	10.6	367	13.2	SH 35 x 055
		60	25.5	293	11.5	367	14.4	SH 35 x 060
		65	23.5	293	12.5	367	15.6	SH 35 x 065
		70	21.8	293	13.4	367	16.8	SH 35 x 070
		75	20.4	293	14.4	367	18.0	SH 35 x 075
		80	19.1	293	15.4	367	19.2	SH 35 x 080

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
35	17.5	90	17.0	293	17.3	367	21.6	SH 35 x 090
		100	15.3	293	19.2	367	24.0	SH 35 x 100
		125	12.2	293	24.0	367	30.0	SH 35 x 125
		150	10.2	293	28.8	367	36.0	SH 35 x 150
		175	8.7	293	33.6	367	42.0	SH 35 x 175
		200	7.6	293	38.4	367	48.0	SH 35 x 200
40	20	40	50.0	384	7.7	480	9.6	SH 40 x 040
		45	44.4	384	8.6	480	10.8	SH 40 x 045
		50	40.0	384	9.6	480	12.0	SH 40 x 050
		55	36.3	384	10.6	480	13.2	SH 40 x 055
		60	33.3	384	11.5	480	14.4	SH 40 x 060
		65	30.7	384	12.5	480	15.6	SH 40 x 065
		70	28.6	384	13.4	480	16.8	SH 40 x 070
		75	26.6	384	14.4	480	18.0	SH 40 x 075
		80	25.0	384	15.4	480	19.2	SH 40 x 080
		90	22.2	384	17.3	480	21.6	SH 40 x 090
		100	20.0	384	19.2	480	24.0	SH 40 x 100
		125	16.0	384	24.0	480	30.0	SH 40 x 125
		150	13.3	384	28.8	480	36.0	SH 40 x 150
		175	11.4	384	33.6	480	42.0	SH 40 x 175
200	10.0	384	38.4	480	48.0	SH 40 x 200		
50	25	225	8.9	384	43.2	480	54.0	SH 40 x 225
		250	8.0	384	48.0	480	60.0	SH 40 x 250
		275	7.3	384	52.8	480	66.0	SH 40 x 275
		300	6.7	384	57.6	480	72.0	SH 40 x 300
		50	62.5	600	9.6	750	12.0	SH 50 x 050
		55	56.8	600	10.6	750	13.2	SH 50 x 055
		60	52.1	600	11.5	750	14.4	SH 50 x 060
		65	48.0	600	12.5	750	15.6	SH 50 x 065
		70	44.6	600	13.4	750	16.8	SH 50 x 070
		75	41.6	600	14.4	750	18.0	SH 50 x 075
60	30	80	39.1	600	15.4	750	19.2	SH 50 x 080
		90	34.7	600	17.3	750	21.6	SH 50 x 090
		100	31.2	600	19.2	750	24.0	SH 50 x 100
		125	25.0	600	24.0	750	30.0	SH 50 x 125
		150	20.8	600	28.8	750	36.0	SH 50 x 150
		175	17.8	600	33.6	750	42.0	SH 50 x 175
		200	15.6	600	38.4	750	48.0	SH 50 x 200
		225	13.9	600	43.2	750	54.0	SH 50 x 225
		250	12.5	600	48.0	750	60.0	SH 50 x 250
		275	11.4	600	52.8	750	66.0	SH 50 x 275
70	38.5	300	10.4	600	57.6	750	72.0	SH 50 x 300
		350	8.9	600	67.2	750	84.0	SH 50 x 350
		60	75.0	864	11.5	1080	14.4	SH 60 x 060
		70	64.3	864	13.4	1080	16.8	SH 60 x 070
		80	56.3	864	15.4	1080	19.2	SH 60 x 080
		90	50.0	864	17.3	1080	21.6	SH 60 x 090
		100	45.0	864	19.2	1080	24.0	SH 60 x 100
		125	36.0	864	24.0	1080	30.0	SH 60 x 125
		150	30.0	864	28.8	1080	36.0	SH 60 x 150
		175	25.7	864	33.6	1080	42.0	SH 60 x 175
70	38.5	200	22.5	864	38.4	1080	48.0	SH 60 x 200
		225	20.0	864	43.2	1080	54.0	SH 60 x 225
		250	18.0	864	48.0	1080	60.0	SH 60 x 250
		275	16.4	864	52.8	1080	66.0	SH 60 x 275
		300	15.0	864	57.6	1080	72.0	SH 60 x 300
		350	12.8	864	67.2	1080	84.0	SH 60 x 350
		70	76.2	1024	13.4	1280	16.8	SH 70 x 070
		80	66.7	1024	15.4	1280	19.2	SH 70 x 080
		90	59.3	1024	17.3	1280	21.6	SH 70 x 090
		100	53.4	1024	19.2	1280	24.0	SH 70 x 100
125	42.7	1024	24.0	1280	30.0	SH 70 x 125		
150	35.6	1024	28.8	1280	36.0	SH 70 x 150		
175	30.5	1024	33.6	1280	42.0	SH 70 x 175		
200	26.7	1024	38.4	1280	48.0	SH 70 x 200		
250	21.3	1024	48.0	1280	60.0	SH 70 x 250		
300	17.8	1024	57.6	1280	72.0	SH 70 x 300		
350	15.2	1024	67.2	1280	84.0	SH 70 x 350		





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# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## SL

### Light Load Springs

Equivalent to JIS B 5012

Colour - Sky Blue



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	1.3	6.4	4.8	8	6.0	SL 06 x 015
		20	1.0	6.4	6.4	8	8.0	SL 06 x 020
		25	0.8	6.4	8.0	8	10.0	SL 06 x 025
		30	0.7	6.4	9.6	8	12.0	SL 06 x 030
		35	0.6	6.4	11.2	8	14.0	SL 06 x 035
		40	0.5	6.4	12.8	8	16.0	SL 06 x 040
8	4	10	2.5	8.0	3.2	10	4.0	SL 08 x 010
		15	1.7	8.0	4.8	10	6.0	SL 08 x 015
		20	1.3	8.0	6.4	10	8.0	SL 08 x 020
		25	1.0	8.0	8.0	10	10.0	SL 08 x 025
		30	0.8	8.0	9.6	10	12.0	SL 08 x 030
		35	0.7	8.0	11.2	10	14.0	SL 08 x 035
		40	0.6	8.0	12.8	10	16.0	SL 08 x 040
		45	0.6	8.0	14.4	10	18.0	SL 08 x 045
		50	0.5	8.0	16.0	10	20.0	SL 08 x 050
		55	0.5	8.0	17.6	10	22.0	SL 08 x 055
		60	0.4	8.0	19.2	10	24.0	SL 08 x 060
		65	0.4	8.0	20.8	10	26.0	SL 08 x 065
		70	0.4	8.0	22.4	10	28.0	SL 08 x 070
		75	0.3	8.0	24.0	10	30.0	SL 08 x 075
80	0.3	8.0	25.6	10	32.0	SL 08 x 080		
10	5	10	3.6	11.5	3.2	14.5	4.0	SL 10 x 010
		15	2.4	11.5	4.8	14.5	6.0	SL 10 x 015
		20	1.8	11.5	6.4	14.5	8.0	SL 10 x 020
		25	1.5	11.5	8.0	14.5	10.0	SL 10 x 025
		30	1.2	11.5	9.6	14.5	12.0	SL 10 x 030
		35	1.0	11.5	11.2	14.5	14.0	SL 10 x 035
		40	0.9	11.5	12.8	14.5	16.0	SL 10 x 040
		45	0.8	11.5	14.4	14.5	18.0	SL 10 x 045
		50	0.7	11.5	16.0	14.5	20.0	SL 10 x 050
		55	0.7	11.5	17.6	14.5	22.0	SL 10 x 055
		60	0.6	11.5	19.2	14.5	24.0	SL 10 x 060
		65	0.6	11.5	20.8	14.5	26.0	SL 10 x 065
		70	0.5	11.5	22.4	14.5	28.0	SL 10 x 070
		75	0.5	11.5	24.0	14.5	30.0	SL 10 x 075
80	0.5	11.5	25.6	14.5	32.0	SL 10 x 080		
90	0.4	11.5	28.8	14.5	36.0	SL 10 x 090		
12	6	15	3.5	17.0	4.8	21	6.0	SL 12 x 015
		20	2.6	17.0	6.4	21	8.0	SL 12 x 020
		25	2.1	17.0	8.0	21	10.0	SL 12 x 025
		30	1.8	17.0	9.6	21	12.0	SL 12 x 030
		35	1.5	17.0	11.2	21	14.0	SL 12 x 035
		40	1.3	17.0	12.8	21	16.0	SL 12 x 040
		45	1.2	17.0	14.4	21	18.0	SL 12 x 045
		50	1.1	17.0	16.0	21	20.0	SL 12 x 050
		55	1.0	17.0	17.6	21	22.0	SL 12 x 055
		60	0.9	17.0	19.2	21	24.0	SL 12 x 060
		65	0.8	17.0	20.8	21	26.0	SL 12 x 065
		70	0.8	17.0	22.4	21	28.0	SL 12 x 070
		75	0.7	17.0	24.0	21	30.0	SL 12 x 075
		80	0.7	17.0	25.6	21	32.0	SL 12 x 080
90	0.6	17.0	28.8	21	36.0	SL 12 x 090		
14	7	20	3.5	22.0	6.4	28	8.0	SL 14 x 020
		25	2.8	22.0	8.0	28	10.0	SL 14 x 025
		30	2.3	22.0	9.6	28	12.0	SL 14 x 030
		35	2.0	22.0	11.2	28	14.0	SL 14 x 035
		40	1.8	22.0	12.8	28	16.0	SL 14 x 040
		45	1.6	22.0	14.4	28	18.0	SL 14 x 045
		50	1.4	22.0	16.0	28	20.0	SL 14 x 050
		55	1.3	22.0	17.6	28	22.0	SL 14 x 055
		60	1.2	22.0	19.2	28	24.0	SL 14 x 060
		65	1.1	22.0	20.8	28	26.0	SL 14 x 065
		70	1.0	22.0	22.4	28	28.0	SL 14 x 070
		75	0.9	22.0	24.0	28	30.0	SL 14 x 075
		80	0.9	22.0	25.6	28	32.0	SL 14 x 080
		90	0.8	22.0	28.8	28	36.0	SL 14 x 090
100	0.7	22.0	32.0	28	40.0	SL 14 x 100		
16	8	20	4.4	28.0	6.4	35	8.0	SL 16 x 020
		25	3.5	28.0	8.0	35	10.0	SL 16 x 025
		30	2.9	28.0	9.6	35	12.0	SL 16 x 030
		35	2.5	28.0	11.2	35	14.0	SL 16 x 035
		40	2.2	28.0	12.8	35	16.0	SL 16 x 040
		45	2.0	28.0	14.4	35	18.0	SL 16 x 045
		50	1.8	28.0	16.0	35	20.0	SL 16 x 050
		55	1.6	28.0	17.6	35	22.0	SL 16 x 055

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
16	8	60	1.5	28.0	19.2	35	24.0	SL 16 x 060		
		65	1.4	28	20.8	35	26.0	SL 16 x 065		
		70	1.3	28	22.4	35	28.0	SL 16 x 070		
		75	1.2	28	24.0	35	30.0	SL 16 x 075		
		80	1.1	28	25.6	35	32.0	SL 16 x 080		
		90	1.0	28	28.8	35	36.0	SL 16 x 090		
		100	0.9	28	32.0	35	40.0	SL 16 x 100		
		125	0.7	28	40.0	35	50.0	SL 16 x 125		
		18	9	20	5.4	34	6.4	43	8.0	SL 18 x 020
				25	4.3	34	8.0	43	10.0	SL 18 x 025
30	3.6			34	9.6	43	12.0	SL 18 x 030		
35	3.1			34	11.2	43	14.0	SL 18 x 035		
40	2.7			34	12.8	43	16.0	SL 18 x 040		
45	2.4			34	14.4	43	18.0	SL 18 x 045		
50	2.2			34	16.0	43	20.0	SL 18 x 050		
55	2.0			34	17.6	43	22.0	SL 18 x 055		
60	1.8			34	19.2	43	24.0	SL 18 x 060		
65	1.7			34	20.8	43	26.0	SL 18 x 065		
70	1.5			34	22.4	43	28.0	SL 18 x 070		
75	1.4			34	24.0	43	30.0	SL 18 x 075		
80	1.4			34	25.6	43	32.0	SL 18 x 080		
90	1.2			34	28.8	43	36.0	SL 18 x 090		
100	1.1	34	32.0	43	40.0	SL 18 x 100				
125	0.9	34	40.0	43	50.0	SL 18 x 125				
20	10	20	6.4	43	6.4	54	8.0	SL 20 x 020		
		25	5.4	43	8.0	54	10.0	SL 20 x 025		
		30	4.5	43	9.6	54	12.0	SL 20 x 030		
		35	3.9	43	11.2	54	14.0	SL 20 x 035		
		40	3.4	43	12.8	54	16.0	SL 20 x 040		
		45	3.0	43	14.4	54	18.0	SL 20 x 045		
		50	2.7	43	16.0	54	20.0	SL 20 x 050		
		55	2.5	43	17.6	54	22.0	SL 20 x 055		
		60	2.3	43	19.2	54	24.0	SL 20 x 060		
		65	2.1	43	20.8	54	26.0	SL 20 x 065		
		70	1.9	43	22.4	54	28.0	SL 20 x 070		
		75	1.8	43	24.0	54	30.0	SL 20 x 075		
		80	1.7	43	25.6	54	32.0	SL 20 x 080		
		90	1.5	43	28.8	54	36.0	SL 20 x 090		
100	1.4	43	32.0	54	40.0	SL 20 x 100				
125	1.1	43	40.0	54	50.0	SL 20 x 125				
150	0.9	43	48.0	54	60.0	SL 20 x 150				
22	11	25	6.7	54	8.0	67	10.0	SL 22 x 025		
		30	5.6	54	9.6	67	12.0	SL 22 x 030		
		35	4.8	54	11.2	67	14.0	SL 22 x 035		
		40	4.2	54	12.8	67	16.0	SL 22 x 040		
		45	3.7	54	14.4	67	18.0	SL 22 x 045		
		50	3.4	54	16.0	67	20.0	SL 22 x 050		
		55	3.1	54	17.6	67	22.0	SL 22 x 055		
		60	2.8	54	19.2	67	24.0	SL 22 x 060		
		65	2.6	54	20.8	67	26.0	SL 22 x 065		
		70	2.4	54	22.4	67	28.0	SL 22 x 070		
		75	2.2	54	24.0	67	30.0	SL 22 x 075		
		80	2.1	54	25.6	67	32.0	SL 22 x 080		
		90	1.9	54	28.8	67	36.0	SL 22 x 090		
		100	1.7	54	32.0	67	40.0	SL 22 x 100		
125	1.3	54	40.0	67	50.0	SL 22 x 125				
150	1.1	54	48.0	67	60.0	SL 22 x 150				
25	12.5	25	8.4	67	8.0	84	10.0	SL 25 x 025		
		30	7.0	67	9.6	84	12.0	SL 25 x 030		
		35	6.0	67	11.2	84	14.0	SL 25 x 035		
		40	5.3	67	12.8	84	16.0	SL 25 x 040		
		45	4.7	67	14.4	84	18.0	SL 25 x 045		
		50	4.2	67	16.0	84	20.0	SL 25 x 050		
		55	3.8	67	17.6	84	22.0	SL 25 x 055		
		60	3.5	67	19.2	84	24.0	SL 25 x 060		
		65	3.2	67	20.8	84	26.0	SL 25 x 065		
		70	3.0	67	22.4	84	28.0	SL 25 x 070		
		75	2.8	67	24.0	84	30.0	SL 25 x 075		
		80	2.6	67	25.6	84	32.0	SL 25 x 080		
		90	2.3	67	28.8	84	36.0	SL 25 x 090		
		100	2.1	67	32.0	84	40.0	SL 25 x 100		
125	1.7	67	40.0	84	50.0	SL 25 x 125				
150	1.4	67	48.0	84	60.0	SL 25 x 150				
175	1.2	67	56.0	84	70.0	SL 25 x 175				
200	1.1	67	64.0	84	80.0	SL 25 x 200				





An ISO 9001:2015 Certified Company

# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



**Light Load Springs**  
Equivalent to JIS B 5012  
Colour - Sky Blue



Do (mm)	Di (mm)	Lo (mm)	C (kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
27	13.5	25	10.0	80	8.0	100	10.0	SL 27 x 025		
		30	8.3	80	9.6	100	12.0	SL 27 x 030		
		35	7.1	80	11.2	100	14.0	SL 27 x 035		
		40	6.3	80	12.8	100	16.0	SL 27 x 040		
		45	5.6	80	14.4	100	18.0	SL 27 x 045		
		50	5.0	80	16.0	100	20.0	SL 27 x 050		
		55	4.6	80	17.6	100	22.0	SL 27 x 055		
		60	4.2	80	19.2	100	24.0	SL 27 x 060		
		65	3.9	80	20.8	100	26.0	SL 27 x 065		
		70	3.6	80	22.4	100	28.0	SL 27 x 070		
		75	3.3	80	24.0	100	30.0	SL 27 x 075		
		80	3.1	80	25.6	100	32.0	SL 27 x 080		
		90	2.8	80	28.8	100	36.0	SL 27 x 090		
		100	2.5	80	32.0	100	40.0	SL 27 x 100		
		125	2.0	80	40.0	100	50.0	SL 27 x 125		
		150	1.7	80	48.0	100	60.0	SL 27 x 150		
		175	1.4	80	56.0	100	70.0	SL 27 x 175		
		200	1.3	80	64.0	100	80.0	SL 27 x 200		
		30	15	25	12.1	91.2	8.0	114	10.0	SL 30 x 025
				30	10.1	91.2	9.6	114	12.0	SL 30 x 030
35	8.7			91.2	11.2	114	14.0	SL 30 x 035		
40	7.6			91.2	12.8	114	16.0	SL 30 x 040		
45	6.7			91.2	14.4	114	18.0	SL 30 x 045		
50	6.1			91.2	16.0	114	20.0	SL 30 x 050		
55	5.5			91.2	17.6	114	22.0	SL 30 x 055		
60	5.0			91.2	19.2	114	24.0	SL 30 x 060		
65	4.7			91.2	20.8	114	26.0	SL 30 x 065		
70	4.3			91.2	22.4	114	28.0	SL 30 x 070		
75	4.0			91.2	24.0	114	30.0	SL 30 x 075		
80	3.8			91.2	25.6	114	32.0	SL 30 x 080		
90	3.4			91.2	28.8	114	36.0	SL 30 x 090		
100	3.0			91.2	32.0	114	40.0	SL 30 x 100		
125	2.4			91.2	40.0	114	50.0	SL 30 x 125		
150	2.0			91.2	48.0	114	60.0	SL 30 x 150		
175	1.7			91.2	56.0	114	70.0	SL 30 x 175		
200	1.5			91.2	64.0	114	80.0	SL 30 x 200		
35	17.5			40	10.3	132	12.8	165	16.0	SL 35 x 040
				45	9.2	132	14.4	165	18.0	SL 35 x 045
		50	8.3	132	16.0	165	20.0	SL 35 x 050		
		55	7.5	132	17.6	165	22.0	SL 35 x 055		
		60	6.9	132	19.2	165	24.0	SL 35 x 060		
		65	6.4	132	20.8	165	26.0	SL 35 x 065		
		70	5.9	132	22.4	165	28.0	SL 35 x 070		
		75	5.5	132	24.0	165	30.0	SL 35 x 075		
		80	5.2	132	25.6	165	32.0	SL 35 x 080		
		90	4.6	132	28.8	165	36.0	SL 35 x 090		
		100	4.1	132	32.0	165	40.0	SL 35 x 100		
		125	3.3	132	40.0	165	50.0	SL 35 x 125		
		150	2.8	132	48.0	165	60.0	SL 35 x 150		
		175	2.4	132	56.0	165	70.0	SL 35 x 175		
		200	2.1	132	64.0	165	80.0	SL 35 x 200		
		35	20.5	40	9.2	114.6	12.8	143.2	16.0	SLR 35 x 040
				45	8.4	114.6	14.4	143.2	18.0	SLR 35 x 045
				50	7.9	114.6	16.0	143.2	20.0	SLR 35 x 050
				55	7.4	114.6	17.6	143.2	22.0	SLR 35 x 055
				60	6.7	114.6	19.2	143.2	24.0	SLR 35 x 060
65	6.3			114.6	20.8	143.2	26.0	SLR 35 x 065		
70	5.5			114.6	22.4	143.2	28.0	SLR 35 x 070		
75	5.3			114.6	24.0	143.2	30.0	SLR 35 x 075		
80	4.9			114.6	25.6	143.2	32.0	SLR 35 x 080		
90	4.2			114.6	28.8	143.2	36.0	SLR 35 x 090		
100	3.8			114.6	32.0	143.2	40.0	SLR 35 x 100		
125	3.0			114.6	40.0	143.2	50.0	SLR 35 x 125		
150	2.4			114.6	48.0	143.2	60.0	SLR 35 x 150		
175	2.2			114.6	56.0	143.2	70.0	SLR 35 x 175		
200	1.8			114.6	64.0	143.2	80.0	SLR 35 x 200		
40	20			40	13.5	173	12.8	216	16.0	SL 40 x 040
				50	10.8	173	16.0	216	20.0	SL 40 x 050
				60	9.0	173	19.2	216	24.0	SL 40 x 060
				70	7.7	173	22.4	216	28.0	SL 40 x 070
				80	6.8	173	25.6	216	32.0	SL 40 x 080
		90	6.0	173	28.8	216	36.0	SL 40 x 090		
		100	5.4	173	32.0	216	40.0	SL 40 x 100		
		125	4.3	173	40.0	216	50.0	SL 40 x 125		
		150	3.6	173	48.0	216	60.0	SL 40 x 150		

Do (mm)	Di (mm)	Lo (mm)	C (kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
40	20	175	3.1	173	56.0	216	70.0	SL 40 x 175		
		200	2.7	173	64.0	216	80.0	SL 40 x 200		
		250	2.2	173	80.0	216	100.0	SL 40 x 250		
		275	2.00	173	88	216	110	SL 40 x 275		
		300	1.8	173	96	216	120	SL 40 x 300		
		40	25.5	40	9.3	111.5	12.8	139.4	16.0	SLR 40 x 040
				50	7.7	111.5	16.0	139.4	20.0	SLR 40 x 050
				60	6.2	111.5	19.2	139.4	24.0	SLR 40 x 060
				70	5.0	111.5	22.4	139.4	28.0	SLR 40 x 070
				80	4.4	111.5	25.6	139.4	32.0	SLR 40 x 080
90	3.9			111.5	28.8	139.4	36.0	SLR 40 x 090		
100	3.5			111.5	32.0	139.4	40.0	SLR 40 x 100		
125	2.8			111.5	40.0	139.4	50.0	SLR 40 x 125		
150	2.3			111.5	48.0	139.4	60.0	SLR 40 x 150		
175	2.0			111.5	56.0	139.4	70.0	SLR 40 x 175		
200	1.7	111.5	64.0	139.4	80.0	SLR 40 x 200				
250	1.5	111.5	80.0	139.4	100.0	SLR 40 x 250				
50	25	50	16.9	270	16.0	338	20.0	SL 50 x 050		
		60	14.1	270	19.2	338	24.0	SL 50 x 060		
		70	12.1	270	22.4	338	28.0	SL 50 x 070		
		80	10.6	270	25.6	338	32.0	SL 50 x 080		
		90	9.4	270	28.8	338	36.0	SL 50 x 090		
		100	8.5	270	32.0	338	40.0	SL 50 x 100		
		125	6.8	270	40.0	338	50.0	SL 50 x 125		
		150	5.6	270	48.0	338	60.0	SL 50 x 150		
		175	4.8	270	56.0	338	70.0	SL 50 x 175		
		200	4.2	270	64.0	338	80.0	SL 50 x 200		
		250	3.4	270	80.0	338	100.0	SL 50 x 250		
		300	2.8	270	96.0	338	120.0	SL 50 x 300		
350	2.4	270	112.0	338	140.0	SL 50 x 350				
400	2.1	270	128.0	338	160.0	SL 50 x 400				
450	1.9	270	144.0	338	180.0	SL 50 x 450				
500	1.7	270	160.0	338	200.0	SL 50 x 500				
50	30.5	50	11.9	200.8	16.0	251	20.0	SLR 50 x 050		
		60	10.6	200.8	19.2	251	24.0	SLR 50 x 060		
		70	9.0	200.8	22.4	251	28.0	SLR 50 x 070		
		80	7.7	200.8	25.6	251	32.0	SLR 50 x 080		
		90	6.8	200.8	28.8	251	36.0	SLR 50 x 090		
		100	5.9	200.8	32.0	251	40.0	SLR 50 x 100		
		125	4.9	200.8	40.0	251	50.0	SLR 50 x 125		
		150	3.6	200.8	48.0	251	60.0	SLR 50 x 150		
		175	3.0	200.8	56.0	251	70.0	SLR 50 x 175		
		200	2.7	200.8	64.0	251	80.0	SLR 50 x 200		
		250	2.4	200.8	80.0	251	100.0	SLR 50 x 250		
		300	2.2	200.8	96.0	251	120.0	SLR 50 x 300		
60	30	60	20.3	389	19.2	486	24.0	SL 60 x 060		
		70	17.4	389	22.4	486	28.0	SL 60 x 070		
		80	15.2	389	25.6	486	32.0	SL 60 x 080		
		90	13.5	389	28.8	486	36.0	SL 60 x 090		
		100	12.2	389	32.0	486	40.0	SL 60 x 100		
		125	9.7	389	40.0	486	50.0	SL 60 x 125		
		150	8.1	389	48.0	486	60.0	SL 60 x 150		
		175	6.9	389	56.0	486	70.0	SL 60 x 175		
		200	6.1	389	64.0	486	80.0	SL 60 x 200		
		250	4.9	389	80.0	486	100.0	SL 60 x 250		
		300	4.1	389	96.0	486	120.0	SL 60 x 300		
		350	3.5	389	112.0	486	140.0	SL 60 x 350		
400	3.0	389	128.0	486	160.0	SL 60 x 400				
450	2.7	389	144.0	486	180.0	SL 60 x 450				
500	2.4	389	160.0	486	200.0	SL 60 x 500				
60	35.5	60	16.8	310	19.2	388	24.0	SLR 60 x 060		
		70	14.4	310	22.4	388	28.0	SLR 60 x 070		
		80	12.1	310	25.6	388	32.0	SLR 60 x 080		
		90	10.7	310	28.8	388	36.0	SLR 60 x 090		
		100	9.8	310	32.0	388	40.0	SLR 60 x 100		
		125	8.5	310	40.0	388	50.0	SLR 60 x 125		
		150	6.8	310	48.0	388	60.0	SLR 60 x 150		
		175	6.0	310	56.0	388	70.0	SLR 60 x 175		
		200	5.2	310	64.0	388	80.0	SLR 60 x 200		
		250	3.9	310	80.0	388	100.0	SLR 60 x 250		
		300	3.1	310	96.0	388	120.0	SLR 60 x 300		
		70	38.5	70	21.8	488	22.4	610	28.0	SL 70 x 070
80	19.0			488	25.6	610	32.0	SL 70 x 080		
90	16.9			488	28.8	610	36.0	SL 70 x 090		
100	15.2			488	32.0	610	40.0	SL 70 x 100		
125	12.2			488	40.0	610	50.0	SL 70 x 125		
150	10.2			488	48.0	610	60.0	SL 70 x 150		
175	8.71			488	56.0	610	70.0	SL 70 x 175		
200	7.62			488	64.0	610	80.0	SL 70 x 200		
250	6.1			488	80.0	610	100.0	SL 70 x 250		
300	5.08			488	96.0	610	120.0	SL 70 x 300		
350	4.35			488	112	610	140.0	SL 70 x 350		





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# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## SM

### Medium Load Springs

Equivalent to JIS B 5012

Colour - Red



WIRE

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	SM 06 x 015		
		20	1.6	8	5.1	10	6.4	SM 06 x 020		
		25	1.3	8	6.4	10	8.0	SM 06 x 025		
		30	1.0	8	7.7	10	9.6	SM 06 x 030		
		35	0.9	8	9.0	10	11.2	SM 06 x 035		
		40	0.8	8	10.2	10	12.8	SM 06 x 040		
		45	0.7	8	11.5	10	14.4	SM 06 x 045		
		50	0.6	8	12.8	10	16.0	SM 06 x 050		
		55	0.6	8	14.1	10	17.6	SM 06 x 055		
		60	0.5	8	15.4	10	19.2	SM 06 x 060		
8	4	10	4.4	11	2.6	14	3.2	SM 08 x 010		
		15	2.9	11	3.8	14	4.8	SM 08 x 015		
		20	2.2	11	5.1	14	6.4	SM 08 x 020		
		25	1.8	11	6.4	14	8.0	SM 08 x 025		
		30	1.5	11	7.7	14	9.6	SM 08 x 030		
		35	1.3	11	9.0	14	11.2	SM 08 x 035		
		40	1.1	11	10.2	14	12.8	SM 08 x 040		
		45	1.0	11	11.5	14	14.4	SM 08 x 045		
		50	0.9	11	12.8	14	16.0	SM 08 x 050		
		55	0.8	11	14.1	14	17.6	SM 08 x 055		
		60	0.7	11	15.4	14	19.2	SM 08 x 060		
		65	0.7	11	16.6	14	20.8	SM 08 x 065		
		70	0.6	11	17.9	14	22.4	SM 08 x 070		
		75	0.6	11	19.2	14	24.0	SM 08 x 075		
80	0.6	11	20.5	14	25.6	SM 08 x 080				
10	5	10	6.3	16	2.6	20	3.2	SM 10 x 010		
		15	4.2	16	3.8	20	4.8	SM 10 x 015		
		20	3.1	16	5.1	20	6.4	SM 10 x 020		
		25	2.5	16	6.4	20	8.0	SM 10 x 025		
		30	2.1	16	7.7	20	9.6	SM 10 x 030		
		35	1.8	16	9.0	20	11.2	SM 10 x 035		
		40	1.6	16	10.2	20	12.8	SM 10 x 040		
		45	1.4	16	11.5	20	14.4	SM 10 x 045		
		50	1.3	16	12.8	20	16.0	SM 10 x 050		
		55	1.1	16	14.1	20	17.6	SM 10 x 055		
		60	1.0	16	15.4	20	19.2	SM 10 x 060		
		65	1.0	16	16.6	20	20.8	SM 10 x 065		
		70	0.9	16	17.9	20	22.4	SM 10 x 070		
		75	0.8	16	19.2	20	24.0	SM 10 x 075		
		80	0.8	16	20.5	20	25.6	SM 10 x 080		
		90	0.7	16	23	20	28.8	SM 10 x 090		
12	6	15	6.0	23	3.8	29	4.8	SM 12 x 015		
		20	4.5	23	5.1	29	6.4	SM 12 x 020		
		25	3.6	23	6.4	29	8.0	SM 12 x 025		
		30	3.0	23	7.7	29	9.6	SM 12 x 030		
		35	2.6	23	9.0	29	11.2	SM 12 x 035		
		40	2.3	23	10.2	29	12.8	SM 12 x 040		
		45	2.0	23	11.5	29	14.4	SM 12 x 045		
		50	1.8	23	12.8	29	16.0	SM 12 x 050		
		55	1.6	23	14.1	29	17.6	SM 12 x 055		
		60	1.5	23	15.4	29	19.2	SM 12 x 060		
		65	1.4	23	16.6	29	20.8	SM 12 x 065		
		70	1.3	23	17.9	29	22.4	SM 12 x 070		
		75	1.2	23	19.2	29	24.0	SM 12 x 075		
		80	1.1	23	20.5	29	25.6	SM 12 x 080		
		90	1.0	23	23	29	28.8	SM 12 x 090		
		14	7	20	6.1	31	5.1	39	6.4	SM 14 x 020
				25	4.9	31	6.4	39	8.0	SM 14 x 025
				30	4.1	31	7.7	39	9.6	SM 14 x 030
35	3.5			31	9.0	39	11.2	SM 14 x 035		
40	3.0			31	10.2	39	12.8	SM 14 x 040		
45	2.7			31	11.5	39	14.4	SM 14 x 045		
50	2.4			31	12.8	39	16.0	SM 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	SM 14 x 055		
		60	2.0	31	15.4	39	19.2	SM 14 x 060		
		65	1.9	31	16.6	39	20.8	SM 14 x 065		
		70	1.7	31	17.9	39	22.4	SM 14 x 070		
		75	1.6	31	19.2	39	24.0	SM 14 x 075		
		80	1.5	31	20.5	39	25.6	SM 14 x 080		
		90	1.4	31	23.0	39	28.8	SM 14 x 090		
		100	1.2	31	25.6	39	32.0	SM 14 x 100		
		16	8	20	8.0	41	5.1	51	6.4	SM 16 x 020
				25	6.4	41	6.4	51	8.0	SM 16 x 025
30	5.3			41	7.7	51	9.6	SM 16 x 030		
35	4.6			41	9.0	51	11.2	SM 16 x 035		
40	4.0			41	10.2	51	12.8	SM 16 x 040		
45	3.5			41	11.5	51	14.4	SM 16 x 045		
50	3.2			41	12.8	51	16.0	SM 16 x 050		
55	2.9			41	14.1	51	17.6	SM 16 x 055		
60	2.7			41	15.4	51	19.2	SM 16 x 060		
65	2.5			41	16.6	51	20.8	SM 16 x 065		
70	2.3			41	17.9	51	22.4	SM 16 x 070		
75	2.1			41	19.2	51	24.0	SM 16 x 075		
80	2.0			41	20.5	51	25.6	SM 16 x 080		
90	1.8			41	23.0	51	28.8	SM 16 x 090		
100	1.6	41	25.6	51	32.0	SM 16 x 100				
18	9	20	10.2	52	5.1	65	6.4	SM 18 x 020		
		25	8.1	52	6.4	65	8.0	SM 18 x 025		
		30	6.8	52	7.7	65	9.6	SM 18 x 030		
		35	5.8	52	9.0	65	11.2	SM 18 x 035		
		40	5.1	52	10.2	65	12.8	SM 18 x 040		
		45	4.5	52	11.5	65	14.4	SM 18 x 045		
		50	4.1	52	12.8	65	16.0	SM 18 x 050		
		55	3.7	52	14.1	65	17.6	SM 18 x 055		
		60	3.4	52	15.4	65	19.2	SM 18 x 060		
		65	3.1	52	16.6	65	20.8	SM 18 x 065		
		70	2.9	52	17.9	65	22.4	SM 18 x 070		
		75	2.7	52	19.2	65	24.0	SM 18 x 075		
		80	2.5	52	20.5	65	25.6	SM 18 x 080		
		90	2.3	52	23.0	65	28.8	SM 18 x 090		
		100	2.0	52	25.6	65	32.0	SM 18 x 100		
		20	10	20	12.5	64	5.1	80	6.4	SM 20 x 020
25	10.0			64	6.4	80	8.0	SM 20 x 025		
30	8.3			64	7.7	80	9.6	SM 20 x 030		
35	7.1			64	9.0	80	11.2	SM 20 x 035		
40	6.3			64	10.2	80	12.8	SM 20 x 040		
45	5.6			64	11.5	80	14.4	SM 20 x 045		
50	5.0			64	12.8	80	16.0	SM 20 x 050		
55	4.5			64	14.1	80	17.6	SM 20 x 055		
60	4.2			64	15.4	80	19.2	SM 20 x 060		
65	3.8			64	16.6	80	20.8	SM 20 x 065		
70	3.6			64	17.9	80	22.4	SM 20 x 070		
75	3.3			64	19.2	80	24.0	SM 20 x 075		
80	3.1			64	20.5	80	25.6	SM 20 x 080		
90	2.8			64	23.0	80	28.8	SM 20 x 090		
100	2.5			64	25.6	80	32.0	SM 20 x 100		
125	2.0			64	32.0	80	40.0	SM 20 x 125		
150	1.7	64	38.4	80	48.0	SM 20 x 150				
22	11	25	12.1	78	6.4	97	8.0	SM 22 x 025		
		30	10.1	78	7.7	97	9.6	SM 22 x 030		
		35	8.7	78	9.0	97	11.2	SM 22 x 035		
		40	7.6	78	10.2	97	12.8	SM 22 x 040		
		45	6.7	78	11.5	97	14.4	SM 22 x 045		
		50	6.1	78	12.8	97	16.0	SM 22 x 050		
		55	5.5	78	14.1	97	17.6	SM 22 x 055		
		60	5.1	78	15.4	97	19.2	SM 22 x 060		





An ISO 9001:2015 Certified Company

# Bangalore Spring Industries

Mfrs.: All Types of Heavy Duty Springs, Disc Springs & Pressed Components



## Medium Load Springs Equivalent to JIS B 5012 Colour - Red

# SM



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

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