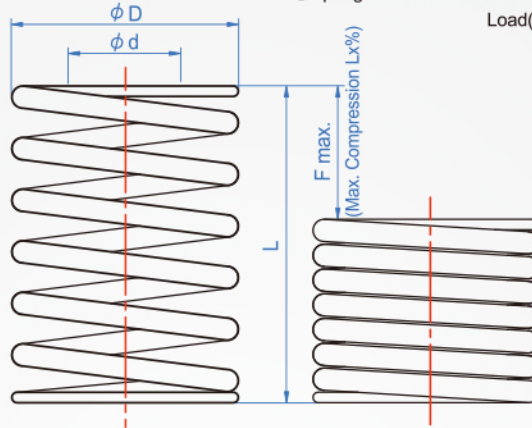


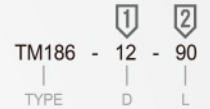
Red
TM186



O. D.	Inner diameter	Length 50mm		Load	Curl direction
		Below	Above		
+0 mm -0.7mm	+0.7mm -0.1mm	±0.5mm	±1%	±10%	right

- Material SEA9254 advantage : heavily stressed 、 high amplitude 、 heatproof.
 - Springs broadside marked specification materials, easy to identify and classify.
- Load(kg)=Definite number(kg/mm)x Compression(Fmm)

How to order



1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times Length X 50% Compression Load Fmm (kg)	500,000 times Length X 45% Compression Load Fmm (kg)	1 million times Length X 40% Compression Load Fmm (kg)					
8	15	4	2.89	4.8	4.3	3.8					
	20		2.17	6.4	5.8	5.1					
	25		1.74	8.0	7.2	6.4					
	30		1.45	9.6	8.6	7.7					
	35		1.24	11.2	10.1	9.0					
	40		1.09	12.8	11.5	10.2					
	45		0.97	14.4	13.0	11.5					
	50		0.87	16.0	14.4	12.5	11.5	11			
	55		0.79	17.6	15.8	14.1					
	60		0.72	19.2	17.3	15.4					
	65		0.67	20.8	18.7	16.6					
	70		0.62	22.4	20.2	17.9					
75	0.58	24.0	21.6	19.2							
80	0.54	25.6	23.0	20.5							
90	0.48	28.8	25.9	23.0							
10	20	5	3.13	6.4	5.8	5.1					
	25		2.50	8.0	7.2	6.4					
	30		2.08	9.6	8.6	7.7					
	35		1.78	11.2	10.1	9.0					
	40		1.56	12.8	11.5	10.2					
	45		1.38	14.4	13.0	11.5					
	50		1.25	16.0	14.4	12.8					
	55		1.13	17.6	15.8	14.1	18	16			
	60		1.04	19.2	17.3	15.4					
	65		0.96	20.8	18.7	16.6					
	70		0.89	22.4	20.2	17.9					
	75		0.83	24.0	21.6	19.2					
80	0.78	25.6	23.0	20.5							
90	0.70	28.8	25.9	23.0							
100	0.63	32.0	28.8	25.6							
12	20	6	4.53	6.4	5.8	5.1					
	25		3.62	8.0	7.2	6.4					
	30		3.02	9.6	8.6	7.7					
	35		2.58	11.2	10.1	9.0					
	40		2.27	12.8	11.5	10.2					
	45		2.01	14.4	13.0	11.5					
	50		1.81	16.0	14.4	12.8					
	55		1.64	17.6	15.8	14.1	26	23			
	60		1.51	19.2	17.3	15.4					
	65		1.39	20.8	18.7	16.6					
	70		1.29	22.4	20.2	17.9					
	75		1.20	24.0	21.6	19.2					
80	1.13	25.6	23.0	20.5							
90	1.01	28.8	25.9	23.0							
100	0.91	32.0	28.8	25.6							
14	25	7	4.87	8.0	7.2	6.4					
	30		4.06	9.6	8.6	35	31				
	30		4.06	9.6	8.6	35	31				

1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times Length X 50% Compression Load Fmm (kg)	500,000 times Length X 45% Compression Load Fmm (kg)	1 million times Length X 40% Compression Load Fmm (kg)					
14	35	7	3.48	11.2	10.1	9.0					
	40		3.04	12.8	11.5	10.2					
	45		2.70	14.4	13.0	11.5					
	50		2.43	16.0	14.4	12.8					
	55		2.21	17.6	15.8	14.1					
	60		2.03	19.2	17.3	15.4					
	65		1.87	20.8	18.7	16.6					
	70		1.74	22.4	20.2	17.9	31				
	75		1.62	24.0	21.6	19.2					
	80		1.52	25.6	23.0	20.5					
	90		1.35	28.8	25.9	23.0					
	100		1.22	32.0	28.8	25.6					
125	0.97	40.0	36.0	32.0							
16	25	8	6.39	8.0	7.2	6.4					
	30		5.32	9.6	8.6	7.7					
	35		4.55	11.2	10.1	9.0					
	40		3.98	12.8	11.5	10.2					
	45		3.54	14.4	13.0	11.5					
	50		3.18	16.0	14.4	12.8					
	55		2.89	17.6	15.8	14.1					
	60		2.65	19.2	17.3	15.4	41				
	65		2.45	20.8	18.7	16.6					
	70		2.27	22.4	20.2	17.9					
	75		2.11	24.0	21.6	19.2					
	80		1.99	25.6	23.0	20.5					
90	1.77	28.8	25.9	23.0							
100	1.59	32.0	28.8	25.6							
125	1.28	40.0	36.0	32.0							
18	25	9	8.12	8.0	7.2	6.4					
	30		6.77	9.6	8.6	7.7					
	35		5.80	11.2	10.1	9.0					
	40		5.07	12.8	11.5	10.2					
	45		4.51	14.4	13.0	11.5					
	50		4.06	16.0	14.4	12.8					
	55		3.69	17.6	15.8	14.1					
	60		3.38	19.2	17.3	15.4	52				
	65		3.12	20.8	18.7	16.6					
	70		2.90	22.4	20.2	17.9					
	75		2.70	24.0	21.6	19.2					
	80		2.53	25.6	23.0	20.5					
90	2.25	28.8	25.9	23.0							
100	2.02	32.0	28.8	25.6							
125	1.62	40.0	36.0	32.0							
20	25	10	10.00	8.0	7.2	6.4					
	30		8.33	9.6	8.6	7.7					
	35		7.14	11.2	10.1	9.0	64				
	40		6.25	12.8	11.5	10.2					

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1		2		Unit : mm							
D	L	d	Definite number	300,000 times		500,000 times		1 million times			
				Length	X 50%	Length	X 45%	Length	X 40%		
			kg/mm	Compression	Load	Compression	Load	Compression	Load		
			Fmm	(kg)	Fmm	(kg)	Fmm	(kg)	(kg)		
20	10	80	45	5.55	14.4	13.0	11.5	64			
			50	5.00	16.0	14.4	12.8				
			55	4.54	17.6	15.8	14.1				
			60	4.16	19.2	17.3	15.4				
			65	3.84	20.8	18.7	16.6				
			70	3.57	22.4	20.2	17.9				
			75	3.33	24.0	21.6	19.2				
			80	3.12	25.6	23.0	20.5				
			90	2.77	28.8	25.9	23.0				
			100	2.50	32.0	28.8	25.6				
			125	2.00	40.0	36.0	32.0				
			150	1.67	48.0	43.2	38.4				
175	1.43	56.0	50.4	44.8							
22	11	97	25	12.13	8.0	7.2	6.4	78			
			30	10.10	9.6	8.6	7.7				
			35	8.65	11.2	10.1	9.0				
			40	7.57	12.8	11.5	10.2				
			45	6.74	14.4	13.0	11.5				
			50	6.06	16.0	14.4	12.8				
			55	5.50	17.6	15.8	14.1				
			60	5.05	19.2	17.3	15.4				
			65	4.66	20.8	18.7	16.6				
			70	4.33	22.4	20.2	17.9				
			75	4.04	24.0	21.6	19.2				
			80	3.78	25.6	23.0	20.5				
90	3.36	28.8	25.9	23.0							
100	3.03	32.0	28.8	25.6							
125	2.42	40.0	36.0	32.0							
150	2.01	48.0	43.2	38.4							
175	1.73	56.0	50.4	44.8							
25	12.5	125	25	15.63	8.0	7.2	6.4	100			
			30	13.02	9.6	8.6	7.7				
			35	11.20	11.2	10.1	9.0				
			40	9.76	12.8	11.5	10.2				
			45	8.68	14.4	13.0	11.5				
			50	7.81	16.0	14.4	12.8				
			55	7.10	17.6	15.8	14.1				
			60	6.51	19.2	17.3	15.4				
			65	6.00	20.8	18.7	16.6				
			70	5.58	22.4	20.2	17.9				
			75	5.21	24.0	21.6	19.2				
			80	4.88	25.6	23.0	20.5				
90	4.34	28.8	25.9	23.0							
100	3.90	32.0	28.8	25.6							
125	3.12	40.0	36.0	32.0							
150	2.60	48.0	43.2	38.4							
175	2.23	56.0	50.4	44.8							
200	1.95	64.0	57.6	51.2							
27	13.5	146	25	18.25	8.0	7.2	6.4	117			
			30	15.20	9.6	8.6	7.7				
			35	13.04	11.2	10.1	9.0				
			40	11.40	12.8	11.5	10.2				
			45	10.14	14.4	13.0	11.5				
			50	9.12	16.0	14.4	12.8				
			55	8.30	17.6	15.8	14.1				
			60	7.60	19.2	17.3	15.4				
			65	7.00	20.8	18.7	16.6				
			70	6.51	22.4	20.2	17.9				
			75	6.08	24.0	21.6	19.2				
			80	5.70	25.6	23.0	20.5				
90	5.06	28.8	25.9	23.0							
100	4.56	32.0	28.8	25.6							
125	3.65	40.0	36.0	32.0							
150	3.04	48.0	43.2	38.4							
175	2.61	56.0	50.4	44.8							
200	2.28	64.0	57.6	51.2							
30	15	180	25	22.50	8.0	7.2	6.4	144			
			30	18.75	9.6	8.6	7.7				
			35	16.10	11.2	10.1	9.0				
			40	14.06	12.8	11.5	10.2				

1		2		Unit : mm							
D	L	d	Definite number	300,000 times		500,000 times		1 million times			
				Length	X 50%	Length	X 45%	Length	X 40%		
			kg/mm	Compression	Load	Compression	Load	Compression	Load		
			Fmm	(kg)	Fmm	(kg)	Fmm	(kg)	(kg)		
30	15	180	45	12.50	14.4	13.0	11.5	161	144		
			50	11.25	16.0	14.4	12.8				
			55	10.23	17.6	15.8	14.1				
			60	9.37	19.2	17.3	15.4				
			65	8.65	20.8	18.7	16.6				
			70	8.03	22.4	20.2	17.9				
			75	7.50	24.0	21.6	19.2				
			80	7.03	25.6	23.0	20.5				
			90	6.25	28.8	25.9	23.0				
			100	5.62	32.0	28.8	25.6				
			125	4.50	40.0	36.0	32.0				
			150	3.75	48.0	43.2	38.4				
175	3.21	56.0	50.4	44.8							
200	2.81	64.0	57.6	51.2							
35	17.5	245	40	19.14	12.8	11.5	10.2	220	195		
			45	17.01	14.4	13.0	11.5				
			50	15.31	16.0	14.4	12.8				
			55	13.92	17.6	15.8	14.1				
			60	12.76	19.2	17.3	15.4				
			65	11.77	20.8	18.7	16.6				
			70	10.93	22.4	20.2	17.9				
			75	10.20	24.0	21.6	19.2				
			80	9.57	25.6	23.0	20.5				
			90	8.50	28.8	25.9	23.0				
			100	7.65	32.0	28.8	25.6				
			125	6.12	40.0	36.0	32.0				
150	5.10	48.0	43.2	38.4							
175	4.37	56.0	50.4	44.8							
200	3.82	64.0	57.6	51.2							
40	20	320	50	20.00	16.0	14.4	12.8	288	256		
			60	16.60	19.2	17.3	15.4				
			70	14.28	22.4	20.2	17.9				
			80	12.50	25.6	23.0	20.5				
			90	11.11	28.8	25.9	23.0				
			100	10.00	32.0	28.8	25.6				
			125	8.00	40.0	36.0	32.0				
			150	6.66	48.0	43.2	38.4				
			175	5.71	56.0	50.4	44.8				
			200	5.00	64.0	57.6	51.2				
			225	4.44	72.0	64.8	57.6				
			250	4.00	80.0	72.0	64.0				
275	3.64	88.0	79.2	70.4							
300	3.33	96.0	86.4	76.8							
50	25	500	60	26.04	19.2	17.3	15.4	450	400		
			70	22.32	22.4	20.2	17.9				
			80	19.53	25.6	23.0	20.5				
			90	17.36	28.8	25.9	23.0				
			100	15.62	32.0	28.8	25.6				
			125	12.50	40.0	36.0	32.0				
			150	10.41	48.0	43.2	38.4				
			175	8.92	56.0	50.4	44.8				
			200	7.81	64.0	57.6	51.2				
			225	6.94	72.0	64.8	57.6				
			250	6.25	80.0	72.0	64.0				
			275	5.68	88.0	79.2	70.4				
300	5.20	96.0	86.4	76.8							
350	4.46	112.0	100.8	89.6							
60	30	720	70	32.10	22.4	20.2	17.9	648	575		
			80	28.12	25.6	23.0	20.5				
			90	25.00	28.8	25.9	23.0				
			100	22.50	32.0	28.8	25.6				
			125	18.00	40.0	36.0	32.0				
			150	15.00	48.0	43.2	38.4				
			175	12.85	56.0	50.4	44.8				
			200	11.25	64.0	57.6	51.2				
			225	10.00	72.0	64.8	57.6				
			250	9.00	80.0	72.0	64.0				
			275	8.18	88.0	79.2	70.4				
			300	7.50	96.0	86.4	76.8				
350	6.43	112.0	100.8	89.6							

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