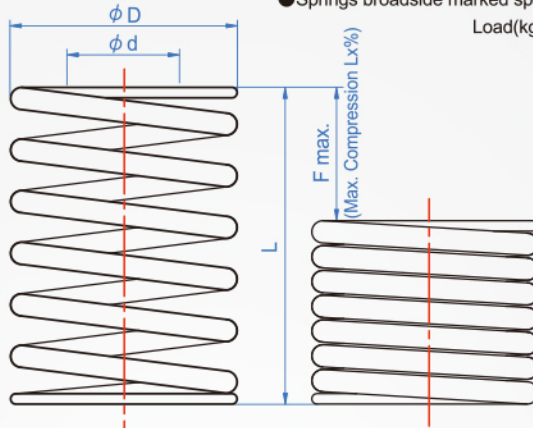


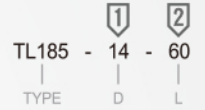
Blue
TL185



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		500,000 times		1 million times			
				Length X 50% Compression Fmm	Load X 50% (kg)	Length X 45% Compression Fmm	Load X 45% (kg)	Length X 40% Compression Fmm	Load X 40% (kg)		
8	15	4	1.67	6.0	10	5.4	9	4.8	8		
	20		1.25	8.0		7.2		6.4			
	25		1.00	10.0		9.0		8.0			
	30		0.83	12.0		10.8		9.6			
	35		0.71	14.0		12.6		11.2			
	40		0.63	16.0		14.4		12.8			
	45		0.56	18.0		16.2		14.4			
	50		0.50	20.0		18.0		16.0			
	55		0.46	22.0		19.8		17.6			
	60		0.42	24.0		21.6		19.2			
	65		0.38	26.0		23.4		20.8			
	70		0.36	28.0		25.2		22.4			
75		0.33	30.0		27.0		24.0				
80		0.31	32.0		28.8		25.6				
90		0.28	36.0		32.4		28.8				
10	20	5	1.81	8.0	14.5	7.2	13	6.4	11.5		
	25		1.45	10.0		9.0		8.0			
	30		1.21	12.0		10.8		9.6			
	35		1.03	14.0		12.6		11.2			
	40		0.90	16.0		14.4		12.8			
	45		0.80	18.0		16.2		14.4			
	50		0.73	20.0		18.0		16.0			
	55		0.66	22.0		19.8		17.6			
	60		0.60	24.0		21.6		19.2			
	65		0.55	26.0		23.4		20.8			
	70		0.51	28.0		25.2		22.4			
	75		0.48	30.0		27.0		24.0			
80		0.45	32.0		28.8		25.6				
90		0.40	36.0		32.4		28.8				
100		0.36	40.0		36.0		32.0				
12	20	6	2.63	8.0	21	7.2	19	6.4	17		
	25		2.10	10.0		9.0		8.0			
	30		1.75	12.0		10.8		9.6			
	35		1.50	14.0		12.6		11.2			
	40		1.32	16.0		14.4		12.8			
	45		1.17	18.0		16.2		14.4			
	50		1.05	20.0		18.0		16.0			
	55		0.96	22.0		19.8		17.6			
	60		0.88	24.0		21.6		19.2			
	65		0.81	26.0		23.4		20.8			
	70		0.75	28.0		25.2		22.4			
	75		0.70	30.0		27.0		24.0			
80		0.66	32.0		28.8		25.6				
90		0.58	36.0		32.4		28.8				
100		0.53	40.0		36.0		32.0				

1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times		500,000 times		1 million times			
				Length X 50% Compression Fmm	Load X 50% (kg)	Length X 45% Compression Fmm	Load X 45% (kg)	Length X 40% Compression Fmm	Load X 40% (kg)		
14	25	7	2.80	10.0	28	9.0	25	8.0	22		
	30		2.34	12.0		10.8		9.6			
	35		2.00	14.0		12.6		11.2			
	40		1.75	16.0		14.4		12.8			
	45		1.56	18.0		16.2		14.4			
	50		1.40	20.0		18.0		16.0			
	55		1.27	22.0		19.8		17.6			
	60		1.17	24.0		21.6		19.2			
	65		1.08	26.0		23.4		20.8			
	70		1.00	28.0		25.2		22.4			
	75		0.93	30.0		27.0		24.0			
	80		0.87	32.0		28.8		25.6			
	90		0.77	36.0		32.4		28.8			
	100		0.70	40.0		36.0		32.0			
	125		0.56	50.0		45.0		40.0			
16	25	8	3.50	10.0	35	9.0	32	8.0	28		
	30		2.92	12.0		10.8		9.6			
	35		2.50	14.0		12.6		11.2			
	40		2.19	16.0		14.4		12.8			
	45		1.95	18.0		16.2		14.4			
	50		1.75	20.0		18.0		16.0			
	55		1.60	22.0		19.8		17.6			
	60		1.46	24.0		21.6		19.2			
	65		1.35	26.0		23.4		20.8			
	70		1.25	28.0		25.2		22.4			
	75		1.17	30.0		27.0		24.0			
	80		1.10	32.0		28.8		25.6			
	90		0.98	36.0		32.4		28.8			
	100		0.88	40.0		36.0		32.0			
	125		0.70	50.0		45.0		40.0			
18	25	9	4.30	10.0	43	9.0	39	8.0	34		
	30		3.58	12.0		10.8		9.6			
	35		3.07	14.0		12.6		11.2			
	40		2.69	16.0		14.4		12.8			
	45		2.39	18.0		16.2		14.4			
	50		2.15	20.0		18.0		16.0			
	55		1.96	22.0		19.8		17.6			
	60		1.79	24.0		21.6		19.2			
	65		1.66	26.0		23.4		20.8			
	70		1.54	28.0		25.2		22.4			
	75		1.44	30.0		27.0		24.0			
	80		1.35	32.0		28.8		25.6			
	90		1.20	36.0		32.4		28.8			
	100		1.07	40.0		36.0		32.0			
	125		0.86	50.0		45.0		40.0			

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1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times		500,000 times		1 million times			
				Length Compression Fmm	X 50% Load (kg)	Length Compression Fmm	X 45% Load (kg)	Length Compression Fmm	X 40% Load (kg)		
20	12	12	25	5.40	10.0	9.0	8.0	54	49	43	
			30	4.50	12.0	10.8	9.6				
			35	3.86	14.0	12.6	11.2				
			40	3.38	16.0	14.4	12.8				
			45	3.00	18.0	16.2	14.4				
			50	2.70	20.0	18.0	16.0				
			55	2.45	22.0	19.8	17.6				
			60	2.25	24.0	21.6	19.2				
			65	2.08	26.0	23.4	20.8				
			70	1.93	28.0	25.2	22.4				
			75	1.80	30.0	27.0	24.0				
			80	1.69	32.0	28.8	25.6				
			90	1.50	36.0	32.4	28.8				
100	1.35	40.0	36.0	32.0							
125	1.08	50.0	45.0	40.0							
22	11	11	25	6.70	10.0	9.0	8.0	67	60	54	
			30	5.60	12.0	10.8	9.6				
			35	4.80	14.0	12.6	11.2				
			40	4.20	16.0	14.4	12.8				
			45	3.72	18.0	16.2	14.4				
			50	3.35	20.0	18.0	16.0				
			55	3.05	22.0	19.8	17.6				
			60	2.80	24.0	21.6	19.2				
			65	2.58	26.0	23.4	20.8				
			70	2.40	28.0	25.2	22.4				
			75	2.23	30.0	27.0	24.0				
			80	2.10	32.0	28.8	25.6				
			90	1.86	36.0	32.4	28.8				
100	1.68	40.0	36.0	32.0							
125	1.34	50.0	45.0	40.0							
150	1.12	60.0	54.0	48.0							
175	0.96	70.0	63.0	56.0							
25	12.5	12.5	25	6.70	10.0	9.0	8.0	67	60	54	
			30	5.58	12.0	10.8	9.6				
			35	4.79	14.0	12.6	11.2				
			40	4.19	16.0	14.4	12.8				
			45	3.72	18.0	16.2	14.4				
			50	3.35	20.0	18.0	16.0				
			55	3.05	22.0	19.8	17.6				
			60	2.79	24.0	21.6	19.2				
			65	2.58	26.0	23.4	20.8				
			70	2.39	28.0	25.2	22.4				
			75	2.23	30.0	27.0	24.0				
			80	2.09	32.0	28.8	25.6				
			90	1.86	36.0	32.4	28.8				
100	1.68	40.0	36.0	32.0							
125	1.34	50.0	45.0	40.0							
150	1.12	60.0	54.0	48.0							
27	13.5	13.5	25	10.00	10.0	9.0	8.0	100	90	80	
			30	8.33	12.0	10.8	9.6				
			35	7.14	14.0	12.6	11.2				
			40	6.25	16.0	14.4	12.8				
			45	5.56	18.0	16.2	14.4				
			50	5.00	20.0	18.0	16.0				
			55	4.55	22.0	19.8	17.6				
			60	4.17	24.0	21.6	19.2				
			65	3.85	26.0	23.4	20.8				
			70	3.57	28.0	25.2	22.4				
			75	3.33	30.0	27.0	24.0				
			80	3.13	32.0	28.8	25.6				
			90	2.78	36.0	32.4	28.8				
100	2.50	40.0	36.0	32.0							
125	2.00	50.0	45.0	40.0							
150	1.67	60.0	54.0	48.0							

1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times		500,000 times		1 million times			
				Length Compression Fmm	X 50% Load (kg)	Length Compression Fmm	X 45% Load (kg)	Length Compression Fmm	X 40% Load (kg)		
27	175	13.5	175	1.43	70.0	63.0	56.0	100	90	80	
			200	1.25	80.0	72.0	64.0				
			25	10.00	10.0	9.0	8.0				
			30	8.33	12.0	10.8	9.6				
			35	7.14	14.0	12.6	11.2				
			40	6.25	16.0	14.4	12.8				
			45	5.56	18.0	16.2	14.4				
			50	5.00	20.0	18.0	16.0				
			55	4.55	22.0	19.8	17.6				
			60	4.17	24.0	21.6	19.2				
			65	3.85	26.0	23.4	20.8				
			70	3.57	28.0	25.2	22.4				
			75	3.33	30.0	27.0	24.0				
80	3.13	32.0	28.8	25.6							
90	2.78	36.0	32.4	28.8							
100	2.50	40.0	36.0	32.0							
125	2.00	50.0	45.0	40.0							
150	1.67	60.0	54.0	48.0							
30	16	16	40	6.88	16.0	14.4	12.8	100	90	80	
			45	6.11	18.0	16.2	14.4				
			50	5.50	20.0	18.0	16.0				
			55	5.00	22.0	19.8	17.6				
			60	4.58	24.0	21.6	19.2				
			65	4.23	26.0	23.4	20.8				
			70	3.93	28.0	25.2	22.4				
			75	3.67	30.0	27.0	24.0				
			80	3.44	32.0	28.8	25.6				
			90	3.06	36.0	32.4	28.8				
			100	2.75	40.0	36.0	32.0				
			125	2.20	50.0	45.0	40.0				
			150	1.83	60.0	54.0	48.0				
175	1.57	70.0	63.0	56.0							
35	21	21	200	1.38	80.0	72.0	64.0	110	99	88	
			50	7.85	20.0	18.0	16.0				
			60	6.54	24.0	21.6	19.2				
			70	5.61	28.0	25.2	22.4				
			80	4.91	32.0	28.8	25.6				
			90	4.36	36.0	32.4	28.8				
			100	3.93	40.0	36.0	32.0				
			125	3.14	50.0	40.0	40.0				
			150	2.62	60.0	54.0	48.0				
			175	2.24	70.0	63.0	56.0				
			200	1.96	80.0	72.0	64.0				
			250	1.57	100.0	90.0	80.0				
			60	6.13	24.0	21.6	19.2				
70	5.25	28.0	25.2	22.4							
80	4.59	32.0	28.8	25.6							
90	4.08	36.0	32.4	28.8							
100	3.68	40.0	36.0	32.0							
40	25.7	25.7	125	2.94	50.0	45.0	40.0	157	141.3	125.6	
			150	2.45	60.0	54.0	48.0				
			175	2.10	70.0	63.0	56.0				
			200	1.84	80.0	72.0	64.0				
			250	1.47	100.0	90.0	80.0				
			300	1.23	120.0	108.0	96.0				
			90	7.64	36.0	32.4	28.8				
			100	6.88	40.0	36.0	32.0				
			125	5.50	50.0	45.0	40.0				
			150	4.58	60.0	54.0	48.0				
			175	3.93	70.0	63.0	56.0				
			200	3.44	80.0	72.0	64.0				
			250	2.75	100.0	90.0	80.0				
300	2.29	120.0	108.0	96.0							
50	31	31	125	2.94	50.0	45.0	40.0	147	132.3	117.6	
			150	2.45	60.0	54.0	48.0				
			175	2.10	70.0	63.0	56.0				
			200	1.84	80.0	72.0	64.0				
			250	1.47	100.0	90.0	80.0				
			300	1.23	120.0	108.0	96.0				
			90	7.64	36.0	32.4	28.8				
			100	6.88	40.0	36.0	32.0				
			125	5.50	50.0	45.0	40.0				
			150	4.58	60.0	54.0	48.0				
			175	3.93	70.0	63.0	56.0				
			200	3.44	80.0	72.0	64.0				
			250	2.75	100.0	90.0	80.0				
300	2.29	120.0	108.0	96.0							
60	36	36	150	3.93	70.0	63.0	56.0	275	247.5	220	
			200	3.44	80.0	72.0	64.0				
			250	2.75	100.0	90.0	80.0				
			300	2.29	120.0	108.0	96.0				
			90	7.64	36.0	32.4	28.8				
			100	6.88	40.0	36.0	32.0				
			125	5.50	50.0	45.0	40.0				
			150	4.58	60.0	54.0	48.0				
			175	3.93	70.0	63.0	56.0				
			200	3.44	80.0	72.0	64.0				
			250	2.75	100.0	90.0	80.0				
			300	2.29	120.0	108.0	96.0				