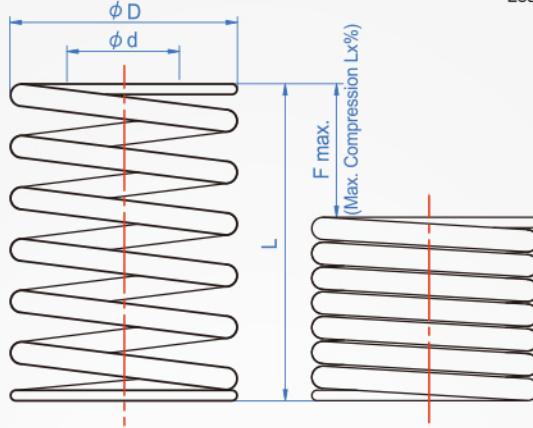


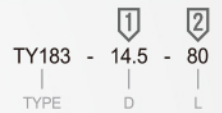
Purple
TY183



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 Fmm	X 50% Load (kg)	500,000 times Length Fmm	X 45% Load (kg)	1 million times Length Fmm	X 40% Load (kg)							
10.5	6	6	1.33	7.5	10	6.8	9	6	8							
										20	1.00	10.0	9.0	8		
										25	0.80	12.5	11.3	10		
										30	0.67	15.0	13.5	12		
										35	0.57	17.5	15.8	14		
										40	0.50	20.0	18.0	16		
										45	0.44	22.5	20.3	18		
										50	0.40	25.0	22.5	20		
										55	0.36	27.5	24.8	22		
										60	0.33	30.0	27.0	24		
										65	0.31	32.5	29.3	26		
										70	0.29	35.0	31.5	28		
75	0.27	37.5	33.8	30												
80	0.25	40.0	36.0	32												
12.5	7	7	2.00	7.5	15	6.8	13.5	20	12							
										20	1.50	10.0	9.0	8		
										25	1.20	12.5	11.3	10		
										30	1.00	15.0	13.5	12		
										35	0.86	17.5	15.8	14		
										40	0.75	20.0	18.0	16		
										45	0.67	22.5	20.3	18		
										50	0.60	25.0	22.5	20		
										55	0.55	27.5	24.8	22		
										60	0.50	30.0	27.0	24		
										65	0.46	32.5	29.3	26		
										70	0.43	35.0	31.5	28		
75	0.40	37.5	33.8	30												
80	0.38	40.0	36.0	32												
90	0.33	45.0	40.5	36												
100	0.30	50.0	45.0	40												
14.5	9	9	2.10	10.0	21	11.3	19	10	17							
										20	1.68	12.5	11.3	19	10	17
										25	1.40	15.0	13.5	22	20	18
										30	1.40	15.0	13.5	22	20	18

1		2		Unit : mm												
D	L	d	Definite number kg/mm	300,000 times Length Fmm	X 50% Load (kg)	500,000 times Length Fmm	X 45% Load (kg)	1 million times Length Fmm	X 40% Load (kg)							
14.5	9	9	1.20	17.5	21	15.8	19	14	17							
										35	1.05	20.0	18.0	16		
										40	0.93	22.5	20.3	18		
										45	0.84	25.0	22.5	20		
										50	0.76	27.5	24.8	22		
										55	0.76	27.5	24.8	22		
										60	0.70	30.0	27.0	24		
										65	0.65	32.5	29.3	26		
										70	0.60	35.0	31.5	28		
										75	0.56	37.5	33.8	30		
										80	0.53	40.0	36.0	32		
										90	0.47	45.0	40.5	36		
100	0.42	50.0	45.0	40												
125	0.34	62.5	56.3	50												
17	11	11	2.46	12.5	31	11.3	28	24	25							
										25	2.05	15.0	13.5	12		
										30	1.76	17.5	15.8	14		
										35	1.54	20.0	18.0	16		
										40	1.37	22.5	20.3	18		
										45	1.23	25.0	22.5	20		
										50	1.12	27.5	24.8	22		
										55	1.03	30.0	27.0	24		
										60	0.95	32.5	29.3	26		
										65	0.88	35.0	31.5	28		
										70	0.82	37.5	33.8	30		
										75	0.77	40.0	36.0	32		
80	0.77	40.0	36.0	32												
90	0.68	45.0	40.5	36												
100	0.62	50.0	45.0	40												
125	0.49	62.5	56.3	50												
150	0.41	75.0	67.5	60												
21	13	13	3.19	12.5	40	11.3	36	12	32							
										25	2.67	15.0	13.5	12	32	
										30	2.29	17.5	15.8	14	32	
										35	2.29	17.5	15.8	14	32	
40	2.00	20.0	18.0	16												

1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times		500,000 times		1 million times			
				Length	X 50%	Length	X 45%	Length	X 40%		
				Compression Fmm	Load (kg)	Compression Fmm	Load (kg)	Compression Fmm	Load (kg)		
21	13			1.78	22.5	20.3	18	40	36	32	
				1.60	25.0	22.5	20				
				1.45	27.5	24.8	22				
				1.33	30.0	27.0	24				
				1.23	32.5	29.3	26				
				1.14	35.0	31.5	28				
				1.07	37.5	33.8	30				
				1.00	40.0	36.0	32				
				0.89	45.0	40.5	36				
				0.80	50.0	45.0	40				
				0.64	62.5	56.3	50				
				0.53	75.0	67.5	60				
				0.46	87.5	78.8	70				
				3.87	15.0	13.5	12				
3.31	17.5	15.8	14								
2.90	20.0	18.0	16								
2.58	22.5	20.3	18								
2.32	25.0	22.5	20								
2.11	27.5	24.8	22								
1.93	30.0	27.0	24								
1.78	32.5	29.3	26								
1.66	35.0	31.5	28								
1.55	37.5	33.8	30								
1.45	40.0	36.0	32								
1.29	45.0	40.5	36								
1.16	50.0	45.0	40								
1.05	55.0	49.5	44								
0.93	62.5	56.3	50								
0.77	75.0	67.5	60								
0.66	87.5	78.8	70								
0.58	100.0	90.0	80								
3.90	20.0	18.0	16								
3.47	22.5	20.3	18								
3.12	25.0	22.5	20								
2.84	27.5	24.8	22								
2.60	30.0	27.0	24								
2.40	32.5	29.3	26								
2.23	35.0	31.5	28								
2.08	37.5	33.8	30								
1.95	40.0	36.0	32								
1.73	45.0	40.5	36								
1.56	50.0	45.0	40								
1.42	55.0	49.5	44								
1.25	62.5	56.3	50								
1.04	75.0	67.5	60								
0.89	87.5	78.8	70								
0.78	100.0	90.0	80								
0.62	125.0	112.5	100								
0.52	150.0	135.0	120								

1		2		Unit : mm							
D	L	d	Definite number kg/mm	300,000 times		500,000 times		1 million times			
				Length	X 50%	Length	X 45%	Length	X 40%		
				Compression Fmm	Load (kg)	Compression Fmm	Load (kg)	Compression Fmm	Load (kg)		
39	26			5.10	20.0	18.0	16	102	92	82	
				4.53	22.5	20.3	18				
				4.08	25.0	22.5	20				
				3.71	27.5	24.8	22				
				3.40	30.0	27.0	24				
				3.14	32.5	29.3	26				
				2.91	35.0	31.5	28				
				2.72	37.5	33.8	30				
				2.55	40.0	36.0	32				
				2.27	45.0	40.5	36				
				2.04	50.0	45.0	40				
				1.85	55.0	49.5	44				
				1.63	62.5	56.3	50				
				1.36	75.0	67.5	60				
1.17	87.5	78.8	70								
1.02	100.0	90.0	80								
0.82	125.0	112.5	100								
0.68	150.0	135.0	120								
5.44	25.0	22.5	20								
4.95	27.5	24.8	22								
4.53	30.0	27.0	24								
4.18	32.5	29.3	26								
3.89	35.0	31.5	28								
3.63	37.5	33.8	30								
3.40	40.0	36.0	32								
3.02	45.0	40.5	36								
2.72	50.0	45.0	40								
2.47	55.0	49.5	44								
2.18	62.5	56.3	50								
1.81	75.0	67.5	60								
1.55	87.5	78.8	70								
1.36	100.0	90.0	80								
1.09	125.0	112.5	100								
0.91	150.0	135.0	120								
5.33	30.0	27.0	24								
4.57	35.0	31.5	28								
4.00	40.0	36.0	32								
3.56	45.0	40.5	36								
3.20	50.0	45.0	40								
2.91	55.0	49.5	44								
2.56	62.5	56.3	50								
2.13	75.0	67.5	60								
1.83	87.5	78.8	70								
1.60	100.0	90.0	80								
1.42	112.5	101.3	90								
1.28	125.0	112.5	100								
1.16	137.5	123.8	110								
1.07	150.0	135.0	120								
0.91	175.0	157.5	140								

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