

High Deflection Coil Spring

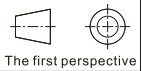
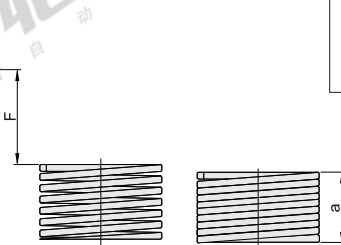
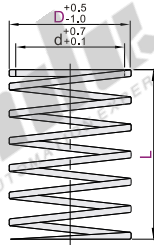
Allowable Deflection = $L \times 50\%$ (Ivory)

Code	Type	Material	Maximum Allowable Deflection
YSWR	High Deflection Coil Spring	Oil-Cooled Tempered Spring Steel	$L \times 50\%$

L Dimensional Tolerance

L	Tol.
50 or Less	± 0.5
50 or More	$\pm 1.5\%$

- ① Load ($\pm 10\%$).
- ① Perpendicularity (3° or Less).
- ① Load (N): Spring Constant (N/mm) $\times$ Deflection (Fmm)
- ① Heat resistant temperature is 150°C .
- ① $1\text{kgf}=9.81\text{N}$.
- ① The compression length is the reference value, and there will be a little difference in the production.
- ① The spring color and number of turns may vary depending on the production batch. But the performance of the product meets the standard and does not affect the use.



The first perspective

Part Number		Inner Dia.	Spring Constant	a	Usage Method	
Code	D	L	N/mm	Solid Height	Fmm	Load N
YSWR	10.5	6.0	10.46	6	7.5	78.5
			7.84	8	10.0	
			6.27	10	12.5	
			5.19	12	15.0	
			4.50	14	17.5	
			3.92	16	20.0	
			3.53	18	22.5	
			3.14	20	25.0	
			2.84	22	27.5	
			2.65	24	30.0	
	12.5	7.0	2.45	26	32.5	88.2
			2.25	28	35.0	
			2.06	30	37.5	
			1.96	32	40.0	
			11.77	6	7.5	
			8.82	8	10.0	
			7.06	10	12.5	
			5.88	12	15.0	
			5.04	14	17.5	
			4.41	16	20.0	
YSWR	12.5	7.0	3.92	18	22.5	88.2
			3.53	20	25.0	
			3.20	22	27.5	
			2.94	24	30.0	
			2.71	26	32.5	
			2.52	28	35.0	
			2.35	30	37.5	
			2.21	32	40.0	
			1.96	36	45.0	
			1.77	40	50.0	
	14.5	8.5	17.00	6	7.5	127.5
			12.70	8	10.0	
			10.19	10	12.5	
			8.53	12	15.0	
			7.25	14	17.5	
			6.37	16	20.0	
			5.68	18	22.5	
			5.09	20	25.0	
			4.60	22	27.5	
			4.21	24	30.0	
YSWR	17	10.5	3.92	26	32.5	196.1
			3.62	28	35.0	
			3.43	30	37.5	
			3.23	32	40.0	
			2.84	36	45.0	
			2.54	40	50.0	
			19.61	8	10.0	
			15.69	10	12.5	
			13.04	12	15.0	
			11.17	14	17.5	

Part Number		Inner Dia.	Spring Constant	a	Usage Method	
Code	D	L	N/mm	Solid Height	Fmm	Load N
YSWR	17	10.5	8.72	18	22.5	196.1
			7.84	20	25.0	
			7.15	22	27.5	
			6.57	24	30.0	
			6.08	26	32.5	
			5.58	28	35.0	
			5.19	30	37.5	
			4.90	32	40.0	
			4.31	36	45.0	
			3.92	40	50.0	
	21	13.5	23.54	10	12.5	294.1
			19.61	12	15.0	
			16.76	14	17.5	
			14.70	16	20.0	
			13.04	18	22.5	
			11.76	20	25.0	
			10.68	22	27.5	
			9.80	24	30.0	
			9.02	26	32.5	
			8.43	28	35.0	
YSWR	21	13.5	7.84	30	37.5	294.1
			7.35	32	40.0	
			6.57	36	45.0	
			5.88	40	50.0	
	26	16.5	31.38	10	12.5	392.3
			26.18	12	15.0	
			22.45	14	17.5	
			19.61	16	20.0	
			17.45	18	22.5	
			15.69	20	25.0	
			14.21	22	27.5	
			13.04	24	30.0	
			12.06	26	32.5	
			11.17	28	35.0	
YSWR	31	21	10.49	30	37.5	490.3
			9.80	32	40.0	
			8.72	36	45.0	
			7.84	40	50.0	
			28.02	14	17.5	
			24.51	16	20.0	
			21.77	18	22.5	
			19.61	20	25.0	
			17.83	22	27.5	
			16.37	24	30.0	
YSWR	31	21	15.09	26	32.5	490.3
			14.02	28	35.0	
			13.08	30	37.5	
			12.25	32	40.0	
			10.88	36	45.0	
YSWR	31	21	9.80	40	50.0	490.3



Please order as shown

Part Number		d
Code	D	L
YSWR	10.5	20
		25

YSWR—D10.5—L15



Discount price	
Per	1~19
Price	100%



Delivery	
Per	1~19
Price	100%

4