

Allowable Deflection = L×40%(Orange) ▶

# Medium Deflection Coil Spring

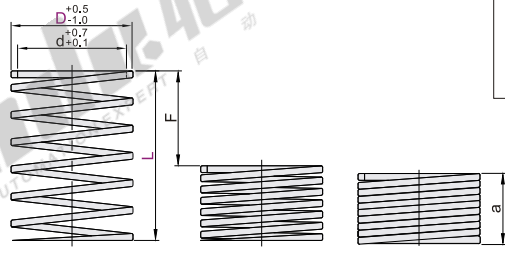
Code	Type	Material	Maximum Allowable Deflection
YSWS	Medium Deflection Coil Spring	Oil-Cooled Tempered Spring Steel	L×40%



**□ L Dimensional Tolerance**

L	Tol.
50 or Less	±0.5
50 or More	±1.5%

- ① Load(±10%).
- ① Perpendicularity (3° or Less).
- ① Load (N): Spring Constant (N / mm) × Deflection(Fmm)
- ① Heat resistant temperature is 150 °C.
- ① 1kgf=9.81N.
- 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.



Part Number Code	D	L	Inner Dia. d	Spring Constant N/mm	a Solid Height	Usage Method F=L×40%	
						Fmm	Load N
YSWS	10.5	20	5.5	10.90	10	8	87.2
		25		8.72	12.5	10	
		30		7.26	15	12	
		35		6.23	17.5	14	
		40		5.45	20	16	
		45		4.84	22.5	18	
		50		4.36	25	20	
		55		3.96	27.5	22	
		60		3.63	30	24	
		65		3.35	32.5	26	
YSWS	12.5	20	6.5	15.25	10	8	122.0
		25		12.20	12.5	10	
		30		10.17	15	12	
		35		8.72	17.5	14	
		40		7.63	20	16	
		45		6.78	22.5	18	
		50		6.10	25	20	
		55		5.55	27.5	22	
		60		5.08	30	24	
		65		4.69	32.5	26	
YSWS	14.5	20	8.5	24.51	10	8	196.1
		25		19.61	12.5	10	
		30		16.37	15	12	
		35		14.02	17.5	14	
		40		12.25	20	16	
		45		10.88	22.5	18	
		50		9.80	25	20	
		55		8.92	27.5	22	
		60		8.13	30	24	
		65		7.55	32.5	26	

Part Number Code	D	L	Inner Dia. d	Spring Constant N/mm (kgf/mm)	a Solid Height	Usage Method F=L×40%	
						Fmm	Load N
YSWS	17	25	10.5	29.41	12.5	10	294.2
		30		24.51	15	12	
		35		20.98	17.5	14	
		40		18.43	20	16	
		45		16.37	22.5	18	
		50		14.70	25	20	
		55		13.33	27.5	22	
		60		12.25	30	24	
		65		11.27	32.5	26	
		70		10.49	35	28	
YSWS	21	25	13.5	9.21	40	32	422
		30		8.13	45	36	
		35		7.35	50	40	
		40		35.10	15	12	
		45		30.10	17.5	14	
		50		26.37	20	16	
		55		23.43	22.5	18	
		60		21.08	25	20	
		65		19.12	27.5	22	
		70		17.55	30	24	
YSWS	26	25	16.5	16.18	32.5	26	569
		30		15.10	35	28	
		35		14.02	37.5	30	
		40		13.14	40	32	
		45		11.66	45	36	
		50		10.59	50	40	
		55		47.36	15	12	
		60		40.59	17.5	14	
		65		35.59	20	16	
		70		31.57	22.5	18	



Part Number				d
Code	D	L		
YSWS	10.5	25		5.5
		30		

YSWS—D10.5—L20



Discount price	
Per	1~9 10~
Price	100% Additional quotation



Delivery
4

