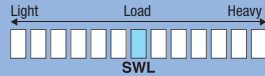
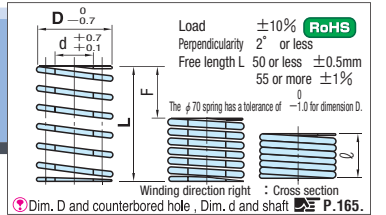


# COIL SPRINGS

## — LIGHT LOAD SWL —



Printed in Red



D	d	L	Spring constant N/(mm/kgf/mm)	Solid height L <sub>0</sub> (mm)	F=LX32% (mm)	F=LX36% (mm)	F=LX40% (mm)	Catalog No.	U/Price	
Type D-L	Qty: 1~19									
6	3	15	13.1 (1.33)	8.6	4.8	5.4	6.0	SWL 6--15		
		20	9.8 (1.00)	11.5	6.4	7.2	8.0	20		
		25	7.8 (0.80)	14.4	8.0	9.0	10.0	25		
		30	6.5 (0.67)	17.2	9.6	10.8	12.0	30		
		35	5.6 (0.57)	20.1	11.2	12.6	14.0	35		
	8	4	40	4.9 (0.50)	23.0	12.8	14.4	16.0	40	
			10	24.5 (2.50)	5.4	3.2	3.6	4.0	SWL 8--10	
			15	16.3 (1.67)	8.1	4.8	5.4	6.0	15	
			20	12.3 (1.25)	10.8	6.4	7.2	8.0	20	
			25	9.8 (1.00)	13.5	8.0	9.0	10.0	25	

D	d	L	Spring constant N/(mm/kgf/mm)	Solid height L <sub>0</sub> (mm)	F=LX32% (mm)	F=LX36% (mm)	F=LX40% (mm)	Catalog No.	U/Price
Type D-L	Qty: 1~19								
16	8	20	42.9 (4.38)	10.8	6.4	7.2	8.0	SWL 16--20	
		25	34.3 (3.50)	13.5	8.0	9.0	10.0	25	
		30	28.6 (2.92)	16.2	9.6	10.8	12.0	30	
		35	24.5 (2.50)	18.9	11.2	12.6	14.0	35	
		40	21.5 (2.19)	21.6	12.8	14.4	16.0	40	

The volume discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

D	d	L	Spring constant N/(mm/kgf/mm)	Solid height L <sub>0</sub> (mm)	F=LX32% (mm)	F=LX36% (mm)	F=LX40% (mm)	Catalog No.	U/Price
Type D-L	Qty: 1~19								
25	12.5	25	82.4 (8.40)	13.5	8.0	9.0	10.0	SWL 25--25	
		30	68.6 (7.00)	16.2	9.6	10.8	12.0	30	
		35	58.8 (6.00)	18.9	11.2	12.6	14.0	35	
		40	51.5 (5.25)	21.6	12.8	14.4	16.0	40	
		45	45.8 (4.67)	24.3	14.4	16.2	18.0	45	

D	d	L	Spring constant N/(mm/kgf/mm)	Solid height L <sub>0</sub> (mm)	F=LX32% (mm)	F=LX36% (mm)	F=LX40% (mm)	Catalog No.	U/Price
Type D-L	Qty: 1~19								
40	20	40	132 (13.5)	12.8	14.4	16.0	18.0	SWL 40--40	
		45	118 (12.0)	25.8	14.4	16.2	18.0	45	
		50	106 (10.8)	27.0	16.0	18.0	20.0	50	
		55	96.2 (9.81)	31.6	17.6	19.8	22.0	55	
		60	88.2 (8.99)	32.4	19.2	21.6	24.0	60	

Order **Catalog No.** **SWL 22--100**  
 • Printed in Red • Printed in Black  
 Delivery **3** Days  
 For area out of Singapore please refer to P.I.

Quantity	1~19	20~49	50~199	200~500
Rate		5%	10%	15%

- The solid height values are reference only. There may be some variations depending on lots.
- Product Outline P.163
- Directions and precautions for coil springs P.165

Alterations (NT) - Catalog No. **NT - SWL 30-90** Days **7**  
 For area out of Singapore please refer to P.I.

Alteration	Code	Spec.	Price
No painting	NT	Paint peeling Peel the coating by shot peening. Since the springs which have undergone the painting peeling are easy to rust, be careful in handling. A rusty spring could cause early breakage. Compared to painted springs, there may be some variations, etc. depending on the lot.	Free of Charge