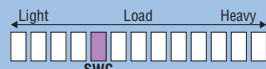
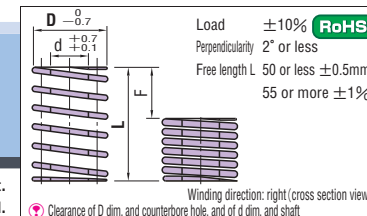


COIL SPRINGS

—SWC—



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

D	d	L	Spring constant			Catalog No.	Base unit price				
			F=LX50%	F=LX55%	F=LX60%						
Operation count			Fmm	Load N (kgf)	Fmm	Load N (kgf)	Fmm	Load N (kgf)	Type D-L	1~19 pieces	
6	3	15	3.60 (0.37)	7.5	8.3	Out of range	SWC6-15	15			
			20.27 (0.28)	10.0	11.0		20				
			25.21 (0.22)	12.5	13.8		25				
			30.1.80 (0.18)	15.0	16.5		30				
			35.1.54 (0.16)	17.5	19.3		35				
40.1.35 (0.14)	20.0	22.0		40							
8	4.6	20	2.86 (0.29)	10.0	11.0	Out of range	SWC8-15	15			
			25.2.29 (0.23)	12.5	13.8		20				
			30.1.91 (0.19)	15.0	16.5		25				
			35.1.63 (0.17)	17.5	19.3		30				
			40.1.43 (0.15)	20.0	22.0		35				
			45.1.27 (0.13)	22.5	24.8		40				
			50.1.14 (0.12)	25.0	27.5		45				
			55.1.04 (0.11)	27.5	30.3		50				
			60.0.95 (0.10)	30.0	33.0		55				
			65.0.88 (0.09)	32.5	35.8		60				
70.0.82 (0.08)	35.0	38.5		65							
75.0.76 (0.08)	37.5	41.3		70							
80.0.72 (0.07)	40.0	44.0		75							
10	5.8	25	3.60 (0.37)	7.5	8.3	Out of range	SWC10-15	15			
			20.4.58 (0.47)	10.0	11.0		20				
			25.3.66 (0.37)	12.5	13.8		25				
			30.3.05 (0.31)	15.0	16.5		30				
			35.2.62 (0.27)	17.5	19.3		35				
			40.2.29 (0.23)	20.0	22.0		40				
			45.2.03 (0.21)	22.5	24.8		45				
			50.1.83 (0.19)	25.0	27.5		50				
			55.1.66 (0.17)	27.5	30.3		55				
			60.1.53 (0.16)	30.0	33.0		60				
65.1.41 (0.14)	32.5	35.8		65							
70.1.31 (0.13)	35.0	38.5		70							
75.1.22 (0.12)	37.5	41.3		75							
80.1.14 (0.12)	40.0	44.0		80							
90.1.02 (0.10)	45.0	49.5		90							
12	7.4	30	4.38 (0.45)	12.5	13.8	Out of range	SWC12-20	20			
			30.3.65 (0.37)	15.0	16.5		25				
			35.3.13 (0.32)	17.5	19.3		30				
			40.2.74 (0.28)	20.0	22.0		35				
			45.2.43 (0.25)	22.5	24.8		40				
			50.2.19 (0.22)	25.0	27.5		45				
			55.1.99 (0.20)	27.5	30.3		50				
			60.1.83 (0.19)	30.0	33.0		55				
			65.1.68 (0.17)	32.5	35.8		60				
			70.1.56 (0.16)	35.0	38.5		65				
75.1.46 (0.15)	37.5	41.3		70							
80.1.37 (0.14)	40.0	44.0		75							
90.1.22 (0.12)	45.0	49.5		80							
14	8.5	35	5.84 (0.60)	15.0	16.5	Out of range	SWC14-25	25			
			30.6.81 (0.69)	17.5	19.3		30				
			40.5.11 (0.52)	20.0	22.0		35				
			45.4.54 (0.46)	22.5	24.8		40				
			50.4.09 (0.42)	25.0	27.5		45				
			55.3.71 (0.38)	27.5	30.3		50				
			60.3.41 (0.35)	30.0	33.0		55				
			65.3.14 (0.32)	32.5	35.8		60				
			70.2.92 (0.30)	35.0	38.5		65				
			75.2.72 (0.28)	37.5	41.3		70				
80.2.55 (0.26)	40.0	44.0		75							
90.2.27 (0.23)	45.0	49.5		80							
100.2.04 (0.21)	50.0	55.0		90							

D	d	L	Spring constant			Catalog No.	Base unit price				
			F=LX50%	F=LX55%	F=LX60%						
Operation count			Fmm	Load N (kgf)	Fmm	Load N (kgf)	Fmm	Load N (kgf)	Type D-L	1~19 pieces	
16	9.5	40	9.15 (0.93)	12.5	13.8	Out of range	SWC16-25	25			
			30.7.63 (0.78)	15.0	16.5		30				
			35.6.54 (0.67)	17.5	19.3		35				
			40.5.72 (0.58)	20.0	22.0		40				
			45.5.08 (0.52)	22.5	24.8		45				
			50.4.58 (0.47)	25.0	27.5		50				
			55.4.16 (0.42)	27.5	30.3		55				
			60.3.81 (0.39)	30.0	33.0		60				
			65.3.52 (0.36)	32.5	35.8		65				
			70.3.27 (0.33)	35.0	38.5		70				
75.3.05 (0.31)	37.5	41.3		75							
80.2.86 (0.29)	40.0	44.0		80							
90.2.54 (0.26)	45.0	49.5		90							
100.2.29 (0.23)	50.0	55.0		100							
125.1.83 (0.19)	62.5	68.8		125							
18	11	50	10.46 (1.07)	12.5	13.8	Out of range	SWC18-25	25			
			30.8.72 (0.89)	15.0	16.5		30				
			35.7.47 (0.76)	17.5	19.3		35				
			40.6.54 (0.67)	20.0	22.0		40				
			45.5.81 (0.59)	22.5	24.8		45				
			50.5.23 (0.53)	25.0	27.5		50				
			55.4.75 (0.48)	27.5	30.3		55				
			60.4.36 (0.44)	30.0	33.0		60				
			65.4.02 (0.41)	32.5	35.8		65				
			70.3.74 (0.38)	35.0	38.5		70				
75.3.49 (0.36)	37.5	41.3		75							
80.3.27 (0.33)	40.0	44.0		80							
90.2.91 (0.30)	45.0	49.5		90							
100.2.62 (0.27)	50.0	55.0		100							
125.2.09 (0.21)	62.5	68.8		125							
20	12.5	60	14.38 (1.47)	12.5	13.8	Out of range	SWC20-25	25			
			30.11.99 (1.22)	15.0	16.5		30				
			35.10.27 (1.05)	17.5	19.3		35				
			40.8.99 (0.92)	20.0	22.0		40				
			45.7.99 (0.81)	22.5	24.8		45				
			50.7.19 (0.73)	25.0	27.5		50				
			55.6.54 (0.67)	27.5	30.3		55				
			60.5.99 (0.61)	30.0	33.0		60				
			65.5.53 (0.56)	32.5	35.8		65				
			70.5.14 (0.52)	35.0	38.5		70				
75.4.79 (0.49)	37.5	41.3		75							
80.4.49 (0.46)	40.0	44.0		80							
90.4.00 (0.41)	45.0	49.5		90							
100.3.60 (0.37)	50.0	55.0		100							
125.2.88 (0.29)	62.5	68.8		125							
150.2.40 (0.24)	75.0	82.5		150							
22	13.5	70	19.61 (2.00)	12.5	13.8	Out of range	SWC22-25	25			
			30.16.34 (1.67)	15.0	16.5		30				
			35.14.01 (1.43)	17.5	19.3		35				
			40.12.26 (1.25)	20.0	22.0		40				
			45.10.90 (1.11)	22.5	24.8		45				
			50.9.81 (1.00)	25.0	27.5		50				
			55.8.92 (0.91)	27.5	30.3		55				
			60.8.17 (0.83)	30.0	33.0		60				
			65.7.54 (0.77)	32.5	35.8		65				
			70.7.00 (0.71)	35.0	38.5		70				
75.6.54 (0.67)	37.5	41.3		75							
80.6.13 (0.63)	40.0	44.0		80							
90.5.45 (0.56)	45.0	49.5		90							
100.4.90 (0.50)	50.0	55.0		100							
125.3.92 (0.40)	62.5	68.8		125							
150.3.27 (0.33)	75.0	82.5		150							

D	d	L	Spring constant			Catalog No.	Base unit price				
			F=LX50%	F=LX55%	F=LX60%						
Operation count			Fmm	Load N (kgf)	Fmm	Load N (kgf)	Fmm	Load N (kgf)	Type D-L	1~19 pieces	
25	16	50	24.19 (2.47)	12.5	13.8	Out of range	SWC25-25	25			
			30.20.16 (2.06)	15.0	16.5		30				
			35.17.28 (1.76)	17.5	19.3		35				
			40.15.12 (1.54)	20.0	22.0		40				
			45.13.44 (1.37)	22.5	24.8		45				
			50.12.09 (1.23)	25.0	27.5		50				
			55.11.00 (1.12)	27.5	30.3		55				
			60.10.08 (1.03)	30.0	33.0		60				
			65.9.30 (0.95)	32.5	35.8		65				
			70.8.64 (0.88)	35.0	38.5		70				
75.8.06 (0.82)	37.5	41.3		75							
80.7.56 (0.77)	40.0	44.0		80							
90.6.72 (0.69)	45.0	49.5		90							
100.6.05 (0.62)	50.0	55.0		100							
125.4.84 (0.49)	62.5	68.8									