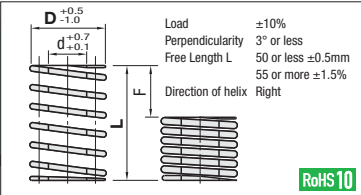


Coil Spring

For Ultra High Deflection SWY

Coil Spring

For Ultra Deflection SWU



RoHS10

D	d	L	Spring Constant N/mm(kgf/mm)	F=Lx65% Fmm	Part Number Type D-L	Unit Price
11	7	20	2.26(0.23)	13.0	SWY 11- 20	
		25	1.81(0.18)	16.3		
		30	1.51(0.15)	19.5		
		35	1.29(0.13)	22.8		
		40	1.13(0.12)	26.0		
		45	1.01(0.10)	29.3		
		50	0.91(0.092)	32.5		
		55	0.82(0.084)	35.8		
		60	0.75(0.077)	39.0		
		65	0.70(0.071)	42.3		
12.5	8.5	70	0.65(0.066)	45.5	SWY 12.5- 20	
		75	0.60(0.061)	48.8		
		80	0.57(0.058)	52.0		
		90	0.50(0.051)	58.5		
		100	0.45(0.046)	65.0		
		20	3.09(0.32)	13.0		
		25	2.47(0.25)	16.3		
		30	2.06(0.21)	19.5		
		35	1.77(0.18)	22.8		
		40	1.55(0.16)	26.0		
16.5	10.5	45	1.37(0.14)	29.3	SWY 16.5- 20	
		50	1.24(0.13)	32.5		
		55	1.12(0.11)	35.8		
		60	1.03(0.11)	39.0		
		65	0.95(0.10)	42.3		
		70	0.88(0.090)	45.5		
		75	0.82(0.084)	48.8		
		80	0.77(0.079)	52.0		
		90	0.69(0.070)	58.5		
		100	0.62(0.063)	65.0		
20	13.5	110	0.56(0.057)	71.5	SWY 20- 30	
		120	0.52(0.053)	78.0		
		125	0.49(0.050)	81.3		
		20	7.02(0.72)	13.0		
		25	5.61(0.57)	16.3		
		30	4.68(0.48)	19.5		
		35	4.01(0.41)	22.8		
		40	3.51(0.36)	26.0		
		45	3.12(0.32)	29.3		
		50	2.81(0.29)	32.5		
24.5	16.5	55	2.55(0.26)	35.8	SWY 24.5- 30	
		60	2.34(0.24)	39.0		
		65	2.16(0.22)	42.3		
		70	2.00(0.20)	45.5		
		75	1.87(0.19)	48.8		
		80	1.75(0.18)	52.0		
		90	1.56(0.16)	58.5		
		100	1.40(0.14)	65.0		
		110	1.28(0.13)	71.5		
		120	1.17(0.12)	78.0		
30	21	125	1.12(0.11)	81.3	SWY 30- 35	
		150	0.94(0.10)	97.5		
		35	8.79(0.90)	22.8		
		40	7.69(0.78)	26.0		
		45	6.84(0.70)	29.3		
		50	6.16(0.63)	32.5		
		55	5.60(0.57)	35.8		
		60	5.13(0.52)	39.0		
		65	4.74(0.48)	42.3		
		70	4.40(0.45)	45.5		
37	26	75	4.10(0.42)	48.8	SWY 37- 40	
		80	3.85(0.39)	52.0		
		90	3.42(0.35)	58.5		
		100	3.08(0.31)	65.0		
		110	2.80(0.29)	71.5		
		120	2.56(0.26)	78.0		
		125	2.46(0.25)	81.3		
		130	2.37(0.24)	84.5		
		140	2.20(0.22)	91.0		
		150	2.05(0.21)	97.5		
42	31	160	1.92(0.20)	104.0	SWY 42- 50	
		170	1.81(0.18)	110.5		
		175	1.76(0.18)	113.8		
		180	1.71(0.17)	117.0		
		190	1.62(0.17)	123.5		
		200	1.54(0.16)	130.0		
		250	1.23(0.13)	162.5		
		300	1.03(0.10)	195.0		
		30	6.99(0.71)	19.5		
		35	5.99(0.61)	22.8		

D	d	L	Spring Constant N/mm(kgf/mm)	F=Lx65% Fmm	Part Number Type D-L	Unit Price
20.5	13.5	30	5.58(0.57)	19.5	SWY20.5- 30	
		35	4.78(0.49)	22.8		
		40	4.19(0.43)	26.0		
		45	3.72(0.38)	29.3		
		50	3.35(0.34)	32.5		
		55	3.04(0.31)	35.8		
		60	2.79(0.28)	39.0		
		65	2.58(0.26)	42.3		
		70	2.39(0.24)	45.5		
		75	2.23(0.23)	48.8		
24.5	16.5	80	2.09(0.21)	52.0	SWY24.5- 30	
		90	1.86(0.19)	58.5		
		100	1.67(0.17)	65.0		
		110	1.52(0.16)	71.5		
		120	1.40(0.14)	78.0		
		125	1.34(0.14)	81.3		
		130	1.29(0.13)	84.5		
		140	1.20(0.12)	91.0		
		150	1.12(0.11)	97.5		
		30	6.99(0.71)	19.5		
28.5	19.5	35	5.99(0.61)	22.8	SWY28.5- 30	
		40	5.24(0.53)	26.0		
		45	4.66(0.48)	29.3		
		50	4.19(0.43)	32.5		
		55	3.81(0.39)	35.8		
		60	3.50(0.36)	39.0		
		65	3.23(0.33)	42.3		
		70	3.00(0.31)	45.5		
		75	2.80(0.29)	48.8		
		80	2.62(0.27)	52.0		
32.5	22.5	90	2.33(0.24)	58.5	SWY32.5- 30	
		100	2.10(0.21)	65.0		
		110	1.91(0.19)	71.5		
		120	1.75(0.18)	78.0		
		125	1.68(0.17)	81.3		
		130	1.61(0.16)	84.5		
		140	1.50(0.15)	91.0		
		150	1.40(0.14)	97.5		
		175	1.20(0.12)	113.8		
		200	1.05(0.11)	130.0		
36.5	25.5	35	8.79(0.90)	22.8	SWY 36- 40	
		40	7.69(0.78)	26.0		
		45	6.84(0.70)	29.3		
		50	6.16(0.63)	32.5		
		55	5.60(0.57)	35.8		
		60	5.13(0.52)	39.0		
		65	4.74(0.48)	42.3		
		70	4.40(0.45)	45.5		
		75	4.10(0.42)	48.8		
		80	3.85(0.39)	52.0		
40.5	28.5	90	3.42(0.35)	58.5	SWY 40- 50	
		100	3.08(0.31)	65.0		
		110	2.80(0.29)	71.5		
		120	2.56(0.26)	78.0		
		125	2.46(0.25)	81.3		
		130	2.37(0.24)	84.5		
		140	2.20(0.22)	91.0		
		150	2.05(0.21)	97.5		
		160	1.92(0.20)	104.0		
		170	1.81(0.18)	110.5		
44.5	31.5	175	1.76(0.18)	113.8	SWY 44- 50	
		180	1.71(0.17)	117.0		
		190	1.62(0.17)	123.5		
		200	1.54(0.16)	130.0		
		250	1.23(0.13)	162.5		
		300	1.03(0.10)	195.0		
		30	6.99(0.71)	19.5		
		35	5.99(0.61)	22.8		
		40	5.24(0.53)	26.0		
		45	4.66(0.48)	29.3		

D	d	L	Spring Constant N/mm(kgf/mm)	F=Lx65% Fmm	Load N(kgf)	Part Number Type D-L	Unit Price
37	26	40	11.32{1.15}	26.0	294.2 {30.0}	SWY 37- 40	40
		45	10.06{1.03}	29.3		45	
		50	9.05{0.92}	32.5		50	
		55	8.23{0.84}	35.8		55	
		60	7.54{0.77}	39.0		60	
		65	6.96{0.71}	42.3		65	
		70	6.47{0.66}	45.5		70	
		75	6.03{0.62}	48.8		75	
		80	5.66{0.58}	52.0		80	
		90	5.03{0.51}	58.5		90	
		100	4.53{0.46}	65.0		100	
		110	4.11{0.42}	71.5		110	
		120	3.77{0.38}	78.0		120	
		130	3.48{0.36}	84.5		130	
		140	3.23{0.33}	91.0		140	
		150	3.02{0.31}	97.5		150	
		160	2.83{0.29}	104.0		160	
		170	2.66{0.27}	110.5		170	
180	2.51{0.26}	117.0	180				
190	2.38{0.24}	123.5	190				
200	2.26{0.23}	130.0	200				
225	2.01{0.21}	146.3	225				
250	1.81{0.18}	162.5	250				
275	1.65{0.17}	178.8	275				
300	1.51{0.15}	195.0	300				
42	31	50	12.07{1.23}	32.5	392.3 {40.0}	SWY 42- 50	50
		60	10.06{1.03}	39.0		60	
		70	8.62{0.88}	45.5		70	
		80	7.54{0.77}	52.0		80	
		90	6.71{0.68}	58.5		90	
		100	6.03{0.62}	65.0		100	
		110	5.49{0.56}	71.5		110	
		120	5.03{0.51}	78.0		120	
		130	4.64{0.47}	84.5		130	
		140	4.31{0.44}	91.0		140	
		150	4.02{0.41}	97.5		150	
		160	3.77{0.38}	104.0		160	
		170	3.55{0.36}	110.5		170	
		180	3.35{0.34}	117.0		180	
		190	3.18{0.32}	123.5		190	
		200	3.02{0.31}	130.0		200	
		225	2.68{0.27}	146.3		225	
		250	2.41{0.25}	162.5		250	
275	2.19{0.22}	178.8	275				
300	2.01{0.21}	195.0	300				