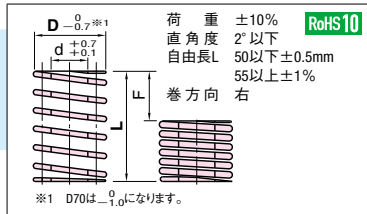


COIL SPRINGS -SWM-
コイルスプリング
-SWM-



D	d	L	ばね定数		F=L×25.6%		F=L×28.8%		F=L×32%		型式	
			N/mm(kgf/mm)	Fmm	荷重 N(kgf)	Fmm	荷重 N(kgf)	Fmm	荷重 N(kgf)	Type D-L		
6	3	15	20.4(2.08)	3.8	79 {8.0}	4.3	88 {9.0}	4.8	98 {10}	SWM6	15	
		20	15.3(1.56)	5.1		5.8		6.4			20	
		25	12.3(1.25)	6.4		7.2		8.0			25	
		30	10.2(1.04)	7.7		8.6		9.6			30	
		35	8.8(0.89)	9.0		10.1		11.2			35	
		40	7.7(0.78)	10.2		11.5		12.8			40	
		45	6.8(0.69)	11.5		13.0		14.4			45	
		50	6.1(0.63)	12.8		14.4		16.0			50	
		55	5.6(0.57)	14.1		15.8		17.6			55	
60	5.1(0.52)	15.4	17.3	19.2	60							
8	4	10	42.9(4.37)	2.6	110 {11}	2.9	123 {13}	3.2	137 {14}	SWM8	10	
		15	28.6(2.91)	3.8		4.3		4.8			15	
		20	21.5(2.18)	5.1		5.8		6.4			20	
		25	17.2(1.75)	6.4		7.2		8.0			25	
		30	14.3(1.46)	7.7		8.6		9.6			30	
		35	12.2(1.25)	9.0		10.1		11.2			35	
		40	10.7(1.09)	10.2		11.5		12.8			40	
		45	9.5(0.97)	11.5		13.0		14.4			45	
		50	8.6(0.87)	12.8		14.4		16.0			50	
55	7.8(0.79)	14.1	15.8	17.6	55							
60	7.1(0.73)	15.4	17.3	19.2	60							
65	6.6(0.67)	16.6	18.7	20.8	65							
70	6.1(0.62)	17.9	20.2	22.4	70							
75	5.7(0.58)	19.2	21.6	24.0	75							
80	5.4(0.55)	20.5	23.0	25.6	80							
10	5	10	61.3(6.25)	2.6	157 {16}	2.9	176 {18}	3.2	196 {20}	SWM10	10	
		15	40.9(4.17)	3.8		4.3		4.8			15	
		20	30.6(3.13)	5.1		5.8		6.4			20	
		25	24.5(2.50)	6.4		7.2		8.0			25	
		30	20.4(2.08)	7.7		8.6		9.6			30	
		35	17.5(1.79)	9.0		10.1		11.2			35	
		40	15.3(1.56)	10.2		11.5		12.8			40	
		45	13.6(1.39)	11.5		13.0		14.4			45	
		50	12.3(1.25)	12.8		14.4		16.0			50	
55	11.1(1.14)	14.1	15.8	17.6	55							
60	10.2(1.04)	15.4	17.3	19.2	60							
65	9.4(0.96)	16.6	18.7	20.8	65							
70	8.8(0.89)	17.9	20.2	22.4	70							
75	8.2(0.83)	19.2	21.6	24.0	75							
80	7.7(0.78)	20.5	23.0	25.6	80							
90	6.8(0.69)	23.0	25.9	28.8	90							
12	6	15	59.2(6.04)	3.8	227 {23}	4.3	256 {26}	4.8	284 {29}	SWM12	15	
		20	44.4(4.53)	5.1		5.8		6.4			20	
		25	35.5(3.63)	6.4		7.2		8.0			25	
		30	29.6(3.02)	7.7		8.6		9.6			30	
		35	25.4(2.59)	9.0		10.1		11.2			35	
		40	22.2(2.27)	10.2		11.5		12.8			40	
		45	19.7(2.01)	11.5		13.0		14.4			45	
		50	17.8(1.81)	12.8		14.4		16.0			50	
		55	16.2(1.65)	14.1		15.8		17.6			55	
60	14.8(1.51)	15.4	17.3	19.2	60							
65	13.7(1.39)	16.6	18.7	20.8	65							
70	12.7(1.29)	17.9	20.2	22.4	70							
75	11.8(1.21)	19.2	21.6	24.0	75							
80	11.1(1.13)	20.5	23.0	25.6	80							
90	9.9(1.01)	23.0	25.9	28.8	90							
14	7	20	59.8(6.09)	5.1	306 {31}	5.8	345 {35}	6.4	383 {39}	SWM14	20	
		25	47.9(4.88)	6.4		7.2		8.0			25	
		30	39.9(4.08)	7.7		8.6		9.6			30	
		35	34.2(3.48)	9.0		10.1		11.2			35	
		40	29.9(3.05)	10.2		11.5		12.8			40	
		45	26.6(2.71)	11.5		13.0		14.4			45	
		50	23.9(2.44)	12.8		14.4		16.0			50	
		55	21.8(2.22)	14.1		15.8		17.6			55	
		60	19.9(2.03)	15.4		17.3		19.2			60	
65	18.4(1.88)	16.6	18.7	20.8	65							
70	17.1(1.74)	17.9	20.2	22.4	70							
75	16.0(1.63)	19.2	21.6	24.0	75							
80	15.0(1.52)	20.5	23.0	25.6	80							
90	13.3(1.35)	23.0	25.9	28.8	90							
100	12.0(1.22)	25.6	28.8	32.0	100							
使用回数			100万回	50万回	30万回							