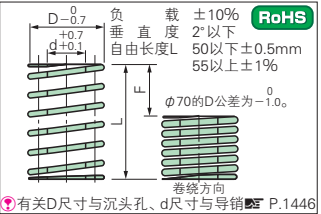


コイルスプリング -TH-
矩形螺旋弹簧
-TH-



●有关D尺寸与沉头孔、d尺寸与导销 P.1446

D	d	L	弹簧常数 N/mm(kgf/mm)	F=LX19.2% Fmm 负载 N(kgf)	F=LX21.6% Fmm 负载 N(kgf)	F=LX24% Fmm 负载 N(kgf)	Catalog No.
使用次数				100万次	50万次	30万次	Type D—L
8	4	10	86.25(8.80)	1.9	2.2	2.4	TH 8 — 10
		15	57.50(5.86)	2.9	3.2	3.6	15
		20	43.13(4.40)	3.8	4.3	4.8	20
		25	34.50(3.52)	4.8	5.4	6.0	25
		30	28.75(2.93)	5.8	6.5	7.2	30
		35	24.64(2.51)	6.7	7.6	8.4	35
		40	21.56(2.20)	7.7	8.6	9.6	40
		45	19.17(1.95)	8.6	9.7	10.8	45
		50	17.25(1.76)	9.6	10.8	12.0	50
		55	15.68(1.60)	10.6	11.9	13.2	55
		60	14.38(1.47)	11.5	13.0	14.4	60
		65	13.27(1.35)	12.5	14.0	15.6	65
10	5	70	12.32(1.26)	13.4	15.1	16.8	70
		75	11.50(1.17)	14.4	16.2	18.0	75
		80	10.78(1.10)	15.4	17.3	19.2	80
		20	61.34(6.26)	3.8	4.3	4.8	TH10 — 20
		25	49.07(5.00)	4.8	5.4	6.0	25
		30	40.90(4.17)	5.8	6.5	7.2	30
		35	35.05(3.57)	6.7	7.6	8.4	35
		40	30.67(3.13)	7.7	8.6	9.6	40
		45	27.26(2.78)	8.6	9.7	10.8	45
		50	24.54(2.50)	9.6	10.8	12.0	50
		55	22.31(2.27)	10.6	11.9	13.2	55
		60	20.45(2.09)	11.5	13.0	14.4	60
12	6	65	18.87(1.92)	12.5	14.0	15.6	65
		70	17.53(1.79)	13.4	15.1	16.8	70
		75	16.36(1.67)	14.4	16.2	18.0	75
		80	15.34(1.56)	15.4	17.3	19.2	80
		90	13.63(1.39)	17.3	19.4	21.6	90
		20	86.34(8.80)	3.8	4.3	4.8	TH12 — 20
		25	69.07(7.04)	4.8	5.4	6.0	25
		30	57.56(5.87)	5.8	6.5	7.2	30
		35	49.34(5.03)	6.7	7.6	8.4	35
		40	43.17(4.40)	7.7	8.6	9.6	40
		45	38.37(3.91)	8.6	9.7	10.8	45
		50	34.54(3.52)	9.6	10.8	12.0	50
14	7	55	31.40(3.20)	10.6	11.9	13.2	55
		60	28.78(2.93)	11.5	13.0	14.4	60
		65	26.57(2.71)	12.5	14.0	15.6	65
		70	24.67(2.52)	13.4	15.1	16.8	70
		75	23.02(2.35)	14.4	16.2	18.0	75
		80	21.59(2.20)	15.4	17.3	19.2	80
		90	19.19(1.96)	17.3	19.4	21.6	90
		25	96.30(9.82)	4.8	5.4	6.0	TH14 — 25
		30	80.25(8.18)	5.8	6.5	7.2	30
		35	68.78(7.01)	6.7	7.6	8.4	35
		40	60.19(6.14)	7.7	8.6	9.6	40
		45	53.50(5.46)	8.6	9.7	10.8	45
16	8	50	48.15(4.91)	9.6	10.8	12.0	50
		55	43.77(4.46)	10.6	11.9	13.2	55
		60	40.12(4.09)	11.5	13.0	14.4	60
		65	37.04(3.78)	12.5	14.0	15.6	65
		70	34.39(3.51)	13.4	15.1	16.8	70
		75	32.10(3.27)	14.4	16.2	18.0	75
		80	30.09(3.07)	15.4	17.3	19.2	80
		90	26.75(2.73)	17.3	19.4	21.6	90
		100	24.07(2.45)	19.2	21.6	24.0	100
		25	125.37(12.78)	4.8	5.4	6.0	TH16 — 25
		30	104.48(10.65)	5.8	6.5	7.2	30
		35	89.55(9.13)	6.7	7.6	8.4	35
18	9	40	78.36(7.99)	7.7	8.6	9.6	40
		45	69.65(7.10)	8.6	9.7	10.8	45
		50	62.69(6.39)	9.6	10.8	12.0	50
		55	56.99(5.81)	10.6	11.9	13.2	55
		60	52.24(5.33)	11.5	13.0	14.4	60
		65	48.22(4.92)	12.5	14.0	15.6	65
		70	44.78(4.57)	13.4	15.1	16.8	70
		75	41.79(4.26)	14.4	16.2	18.0	75
		80	39.18(4.00)	15.4	17.3	19.2	80
		90	34.83(3.55)	17.3	19.4	21.6	90
		100	31.34(3.20)	19.2	21.6	24.0	100
		125	25.07(2.56)	24.0	27.0	30.0	125

● 负载的计算方法: 负载=弹簧常数×压缩量
(国际单位)
N=N/mm×Fmm
kgf=kgf/mm×Fmm
(kgf=N×0.101972)

D	d	L	弹簧常数 N/mm(kgf/mm)	F=LX19.2% Fmm	F=LX21.6% Fmm	F=LX24% Fmm	Catalog No.
使用次数				100万次	50万次	30万次	Type D—L
18	9	25	157.96(16.11)	4.8	5.4	6.0	TH18 — 25
		30	131.64(13.42)	5.8	6.5	7.2	30
		35	112.83(11.51)	6.7	7.6	8.4	35
		40	98.73(10.07)	7.7	8.6	9.6	40
		45	87.76(8.95)	8.6	9.7	10.8	45
		50	78.98(8.05)	9.6	10.8	12.0	50
		55	71.80(7.32)	10.6	11.9	13.2	55
		60	65.82(6.71)	11.5	13.0	14.4	60
		65	60.75(6.20)	12.5	14.0	15.6	65
		70	56.42(5.75)	13.4	15.1	16.8	70
		75	52.65(5.37)	14.4	16.2	18.0	75
		80	49.36(5.03)	15.4	17.3	19.2	80
20	10	90	43.88(4.47)	17.3	19.4	21.6	90
		100	39.49(4.03)	19.2	21.6	24.0	100
		125	31.59(3.22)	24.0	27.0	30.0	125
		25	196.11(20.00)	4.8	5.4	6.0	TH20 — 25
		30	163.43(16.66)	5.8	6.5	7.2	30
		35	140.08(14.28)	6.7	7.6	8.4	35
		40	122.57(12.50)	7.7	8.6	9.6	40
		45	108.95(11.11)	8.6	9.7	10.8	45
		50	98.06(10.00)	9.6	10.8	12.0	50
		55	89.14(9.09)	10.6	11.9	13.2	55
		60	81.71(8.33)	11.5	13.0	14.4	60
		65	75.43(7.69)	12.5	14.0	15.6	65
22	11	70	70.04(7.14)	13.4	15.1	16.8	70
		75	65.37(6.67)	14.4	16.2	18.0	75
		80	61.28(6.25)	15.4	17.3	19.2	80
		90	54.48(5.55)	17.3	19.4	21.6	90
		100	49.03(5.00)	19.2	21.6	24.0	100
		125	39.22(4.00)	24.0	27.0	30.0	125
		150	32.69(3.33)	28.8	32.4	36.0	150
		25	236.11(24.08)	4.8	5.4	6.0	TH22 — 25
		30	196.76(20.06)	5.8	6.5	7.2	30
		35	168.65(17.20)	6.7	7.6	8.4	35
		40	147.57(15.05)	7.7	8.6	9.6	40
		45	131.17(13.38)	8.6	9.7	10.8	45
25	12.5	50	118.06(12.04)	9.6	10.8	12.0	50
		55	107.32(10.94)	10.6	11.9	13.2	55
		60	98.38(10.03)	11.5	13.0	14.4	60
		65	90.81(9.26)	12.5	14.0	15.6	65
		70	84.33(8.60)	13.4	15.1	16.8	70
		75	78.70(8.03)	14.4	16.2	18.0	75
		80	73.78(7.52)	15.4	17.3	19.2	80
		90	65.59(6.69)	17.3	19.4	21.6	90
		100	59.03(6.02)	19.2	21.6	24.0	100
		125	47.22(4.82)	24.0	27.0	30.0	125
		150	39.35(4.01)	28.8	32.4	36.0	150
		30	15	25	306.85(31.29)	4.8	5.4
30	255.71(26.08)			5.8	6.5	7.2	30
35	219.18(22.35)			6.7	7.6	8.4	35
40	191.78(19.56)			7.7	8.6	9.6	40
45	170.47(17.38)			8.6	9.7	10.8	45
50	153.43(15.65)			9.6	10.8	12.0	50
55	139.48(14.22)			10.6	11.9	13.2	55
60	127.85(13.04)			11.5	13.0	14.4	60
65	118.02(12.03)			12.5	14.0	15.6	65
70	109.59(11.18)			13.4	15.1	16.8	70
75	102.28(10.43)			14.4	16.2	18.0	75
80	95.89(9.78)			15.4	17.3	19.2	80
40	20	90	85.24(8.69)	17.3	19.4	21.6	90
		100	76.71(7.82)	19.2	21.6	24.0	100
		125	61.37(6.26)	24.0	27.0	30.0	125
		150	51.14(5.22)	28.8	32.4	36.0	150
		175	43.84(4.47)	33.6	37.8	42.0	175
		200	38.36(3.91)	38.4	43.2	48.0	200