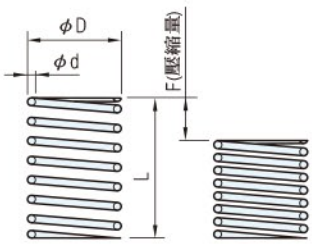
圓線彈簧
40%壓縮量

RoHS



材質	顏色
SWP	本色

K	D		L	
±10%	≦13	＞13	≦50	≧55
	+0 −0.5	+0 −0.8	±1.5	±2.5

彈簧定數(K)

規格 D	AY	AR	AF	AL	AT	AM	AH	AB
2				0.5				
3	N/mm 0.1				N/mm 1.5	N/mm 2.0		3.9
4							2.9	4.9
5								
6								
8		N/mm 0.3	N/mm 0.5	N/mm 1.0			N/mm 5.9	N/mm 9.8
10					N/mm 2.0	N/mm 2.9		
12								
13	N/mm 0.2							
14							N/mm 9.8	N/mm 19.6
16								
18								29.4
20		N/mm 0.5	N/mm 1.0	N/mm 2.9	N/mm 3.9	N/mm 4.9	N/mm 14.7	
22								N/mm 29.4
27								
FMAX	F=LX75 %	F=LX60 %	F=LX45 %	F=LX40 %	F=LX40 %	F=LX35 %	F=LX30 %	F=LX25 %

■ AT:Fmax(容許壓縮量)=LX40 %

品號 Type	D-L	d	密著長 mm	F max	荷重 N/max	單價
AT	03-05*	0.30	1.73	2.0	3.00	
	10*	0.40	5.00	4.0	6.00	•
	15*	0.45	8.78	6.0	9.00	
	20*	0.45	8.78	8.0	12.00	
	25*	0.50	14.5	10.0	15.00	•
	04-05*	0.40	2.7	2.0	3.00	
	10*	0.40	2.7	4.0	6.00	
	15*	0.50	6.5	6.0	9.00	•
	20	0.55	9.63	8.0	12.00	
	25	0.55	9.63	10.0	15.00	
	30	0.60	15.0	12.0	18.00	
	35	0.60	15.0	14.0	21.00	•
	40	0.65	22.1	16.0	24.00	
AT	05-05*	0.45	2.36	2.0	4.00	
	10*	0.50	3.25	4.0	8.00	
	15	0.60	6.3	6.0	12.00	•
	20	0.60	6.3	8.0	16.00	
	25	0.70	12.6	10.0	20.00	
	30	0.70	12.6	12.0	24.00	
	35	0.75	17.3	14.0	28.00	
	(40)	0.75	17.3	14.0	28.00	•
	(45)	0.80	24.0	15.8	31.60	
	(50)	0.80	24.0	17.5	35.00	
	(55)	0.85	32.3	19.3	38.60	
	(60)	0.85	32.3	21.0	42.00	
	(65)	0.85	34.0	22.7	45.40	•
	(70)	0.90	44.6	24.5	49.00	
AT	06-05*	0.50	2.38	2.0	4.00	
	10	0.60	4.35	4.0	8.00	
	15	0.60	4.35	6.0	12.00	•
	20	0.70	7.7	8.0	16.00	
	25	0.70	7.7	10.0	20.00	
	30	0.80	14.0	12.0	24.00	
	35	0.80	14.0	14.0	28.00	
	40	0.85	18.7	16.0	32.00	•
	45	0.85	18.7	18.0	36.00	
	50	0.90	24.8	20.0	40.00	
	(55)	0.90	24.8	19.0	38.00	•

品號 Type	D-L	d	密著長 mm	F max	荷重 N/max	單價
AT	06-(60)	0.90	24.8	21.0	42.00	
	(65)	0.90	26.1	22.7	45.40	•
	(70)	1.00	43.0	24.5	49.00	
	(80)	1.00	43.0	28.0	56.00	
AT	08-10	0.70	4.38	4.0	8.00	
	15	0.80	6.8	6.0	12.00	•
	20	0.80	6.8	8.0	16.00	
	25	0.80	6.8	10.0	20.00	
	30	0.90	10.8	12.0	24.00	
	35	0.90	10.8	14.0	28.00	
	40	1.00	17.5	16.0	32.00	•
	45	1.00	17.5	18.0	36.00	
	50	1.00	17.5	20.0	40.00	
	55	1.10	27.5	22.0	44.00	
	60	1.10	27.5	24.0	48.00	
	65	1.10	27.5	26.0	52.00	•
	70	1.10	27.5	28.0	56.00	
	80	1.20	42.0	32.0	64.00	
AT	10-10	0.85	5.53	4.0	8.00	
	15	0.90	6.75	6.0	12.00	
	20	0.90	6.75	8.0	16.00	
	25	1.00	10.0	10.0	20.00	
	30	1.00	10.0	12.0	24.00	•
	35	1.00	10.0	14.0	28.00	
	40	1.00	10.0	16.0	32.00	
	45	1.10	14.3	18.0	36.00	
	50	1.10	14.3	20.0	40.00	
	55	1.20	21.6	22.0	44.00	
	60	1.20	21.6	24.0	48.00	
	65	1.20	21.6	26.0	52.00	•
	70	1.30	32.5	28.0	56.00	
	80	1.30	32.5	32.0	64.00	
AT	13-15	1.00	6.0	6.0	12.00	
	20	1.10	8.25	8.0	16.00	
	25	1.10	8.25	10.0	20.00	
	30	1.20	11.1	12.0	24.00	•
	35	1.20	11.1	14.0	28.00	
	40	1.20	11.1	16.0	32.00	

品號 Type	D-L	d	密著長 mm	F max	荷重 N/max	單價
AT	13-45	1.20	11.1	18.0	36.00	•
	50	1.30	15.6	20.0	40.00	
	55	1.30	15.6	22.0	44.00	
	60	1.30	15.6	24.0	48.00	
	65	1.40	21.0	26.0	52.00	•
	70	1.40	21.0	28.0	56.00	
	80	1.40	21.0	32.0	64.00	
AT	16-15	1.20	7.5	6.0	12.00	
	20	1.30	9.43	8.0	16.00	
	25	1.40	12.6	10.0	20.00	
	30	1.40	12.6	12.0	24.00	
	35	1.40	12.6	14.0	28.00	•
	40	1.40	12.6	16.0	32.00	
	45	1.60	22.4	18.0	36.00	
	50	1.60	22.4	20.0	40.00	
	55	1.60	22.4	22.0	44.00	
	60	1.70	28.9	24.0	48.00	
	65	1.70	28.9	26.0	52.00	•
	70	1.70	28.9	28.0	56.00	
	80	1.70	28.9	32.0	64.00	
AT	18-20	1.60	10.8	8.0	31.20	
	25	1.70	13.6	10.0	39.00	
	30	1.70	13.6	12.0	46.80	
	35	1.70	13.6	14.0	54.60	•
	40	1.80	16.7	16.0	62.40	
	45	1.90	20.5	18.0	70.20	
	50	1.90	20.5	20.0	78.00	
	55	2.00	26.0	22.0	85.80	
	60	2.00	26.0	24.0	93.60	
	65	2.00	26.0	26.0	101.40	•
	70	2.00	26.0	28.0	109.20	
	80	2.10	31.5	32.0	124.80	
AT	22-20	1.80	11.3	8.0	31.20	
	25	1.80	11.3	10.0	39.00	
	30	1.90	13.3	12.0	46.80	•
	35	1.90	13.3	14.0	54.60	
	40	2.00	16.0	16.0	62.40	
	45	2.10	19.5	18.0	70.20	

品號 Type	品號 D-L	d	密著長 mm	F max	荷重 N/max	單價
AT	22-50	2.10	19.5	20.0	78.00	•
	55	2.30	28.2	22.0	85.80	•
	60	2.30	28.2	24.0	93.60	
	65	2.30	28.2	26.0	101.40	
	70	2.30	28.2	28.0	109.20	
	80	2.40	33.6	32.0	124.80	
AT	27-30	2.10	13.2	12.0	46.80	•
	35	2.30	17.9	14.0	54.60	
	40	2.30	17.9	16.0	62.40	
	45	2.40	20.4	18.0	70.20	
	50	2.60	28.6	20.0	78.00	
	55	2.60	28.6	22.0	85.80	•
	60	2.60	28.6	24.0	93.60	
	65	2.60	28.6	26.0	101.40	
	70	2.80	39.2	28.0	109.20	
	80	2.80	39.2	32.0	124.80	

訂貨：品　號　交期：1 天

AT22-50

PS. 備註

- 荷重(N)=定數(N/mm)×壓縮量(mm)
- 密著長是參考值,製作時會有少許差異
- ★記號兩端面無研磨
- 耐熱溫度80℃
- 1N=0.101972 kgf
- 非標準規格彈簧訂購請參考本單元底頁

※(L)尺寸的容許壓縮量

AT5–40Fmax=L×35%
AT5–45Fmax=L×35%
AT5–50Fmax=L×35%
AT5–55Fmax=L×35%
AT5–60Fmax=L×35%
AT5–65Fmax=L×35%
AT5–70Fmax=L×35%
AT6–55Fmax=L×35%
AT6–60Fmax=L×35%
AT6–65Fmax=L×35%
AT6–70Fmax=L×35%
AT6–80Fmax=L×35%