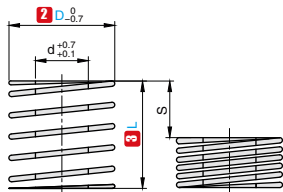


轻小载荷型



载荷 $\pm 10\%$
垂直度 2° 以下
自由长度L 50以下 $\pm 0.5\text{mm}$
55以上 $\pm 1\%$

△ $\varnothing 70$ 的D公差为 -0.1

旋向: 右旋

DSJPL
轻小载荷型

订购编号示例

1 代号 - 2 D - 3 L
DSJPL - 8 - 50

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L (mm)	S=L×40%		S=L×45%		S=L×50%	
				S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)		
	使用次数				100万次		50万次		30万次		
6	15	3	7.8 (0.80)	7.1	6	47 (4.8)	6.8	53 (5.4)	7.5	59 (6.0)	
	20		5.9 (0.60)	9.5	8		9		10		
	25		4.7 (0.48)	11.9	10		11.3		12.5		
	30		3.9 (0.40)	14.2	12		13.5		15		
	35		3.4 (0.34)	16.6	14		15.8		17.5		
	40		2.9 (0.30)	19	16		18		20		
	10	8	15.7 (1.60)	4.5	4	63 (6.4)	4.5	71 (7.2)	5	79 (8.0)	
	15		10.5 (1.07)	6.8	6		6.8		7.5		
	20		7.8 (0.80)	9	8		9		10		
	25		6.3 (0.64)	11.3	10		11.2		12.5		
30	5.2 (0.53)		13.5	12	13.5		15				
35	4.5 (0.46)		15.8	14	15.7		17.5				
40	3.9 (0.40)		18	16	18		20				
45	3.5 (0.36)		20.3	18	20.2		22.5				
50	3.1 (0.32)		22.5	20	22.5		25				
55	2.9 (0.29)		24.8	22	24.7		27.5				
60	2.6 (0.27)		27	24	27		30				
65	2.4 (0.25)		30.8	26	29.3		32.5				
70	2.2 (0.23)		33.2	28	31.5		35				
75	2.1 (0.21)		35.6	30	33.8		37.5				
80	2.0 (0.20)	37.9	32	36	40						
DSJPL 10	10	5	19.6 (2.00)	4.5	4	78 (8.0)	4.5	88 (9.0)	5	98 (10)	
	15		13.1 (1.33)	6.8	6		6.8		7.5		
	20		9.8 (1.00)	9	8		9		10		
	25		7.8 (0.80)	11.3	10		11.2		12.5		
	30		6.5 (0.67)	13.5	12		13.5		15		
	35		5.9 (0.57)	15.8	14		15.7		17.5		
	40		4.9 (0.50)	18	16		18		20		
	45		4.4 (0.44)	20.3	18		20.2		22.5		
	50		3.9 (0.40)	22.5	20		22.5		25		
	55		3.6 (0.36)	24.8	22		24.7		27.5		
	60		3.3 (0.33)	27	24		27		30		
	65		3.0 (0.31)	29.3	26		29.2		32.5		
	70		2.8 (0.29)	31.5	28		31.5		35		
	75		2.6 (0.27)	33.8	30		33.7		37.5		
	80		2.5 (0.25)	36	32		36		40		
	90		2.2 (0.22)	40.5	36		40.5		45		
12	15	6	18.3 (1.87)	6.8	6	110 (11)	6.8	124 (13)	7.5	137 (14)	
	20		13.7 (1.40)	9	8		9		10		
	25		11.0 (1.12)	11.3	10		11.2		12.5		
	30		9.2 (0.93)	13.5	12		13.5		15		
	35		7.8 (0.80)	15.8	14		15.7		17.5		
	40		6.9 (0.70)	18	16		18		20		
	45		6.1 (0.62)	20.3	18		20.2		22.5		
	50		5.5 (0.56)	22.5	20		22.5		25		
	55		5.0 (0.51)	24.8	22		24.7		27.5		
	60		4.6 (0.47)	27	24		27		30		
	65		4.2 (0.43)	29.3	26		29.2		32.5		
	70		3.9 (0.40)	31.5	28		31.5		35		
	75		3.7 (0.37)	33.8	30		33.7		37.5		
	80		3.4 (0.35)	36	32		36		40		
	90		3.1 (0.31)	40.5	36		40.5		45		

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L ₁ (mm)	S=L×40%		S=L×45%		S=L×50%	
						S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)
使用次数						100 万次	50 万次	30 万次			
14	14	20	7	17.7 (1.80)	9	8	141 (14)	9	159 (16)	10	177 (18)
		25		14.1 (1.44)	11.3	10		11.2		12.5	
		30		11.8 (1.20)	13.5	12		13.5		15	
		35		10.1 (1.03)	15.8	14		15.7		17.5	
		40		8.8 (0.90)	18	16		18		20	
		45		7.8 (0.80)	20.3	18		20.2		22.5	
		50		7.1 (0.72)	22.5	20		22.5		25	
		55		6.4 (0.65)	24.8	22		24.7		27.5	
		60		5.9 (0.60)	27	24		27		30	
		65		5.4 (0.55)	29.3	26		29.2		32.5	
DSJPL	16	70	8	5.0 (0.51)	31.5	28	165 (17)	31.5	185 (19)	35	206 (21)
		75		4.7 (0.48)	33.8	30		33.7		37.5	
		80		4.4 (0.45)	36	32		36		40	
		90		3.9 (0.40)	40.5	36		40.5		45	
		100		3.5 (0.36)	45	40		45		50	
		20		20.6 (2.10)	9	8		9		10	
		25		16.5 (1.68)	11.3	10		11.2		12.5	
		30		13.7 (1.40)	13.5	12		13.5		15	
		35		11.8 (1.20)	15.8	14		15.7		17.5	
		40		10.3 (1.05)	18	16		18		20	
	18	45	9	9.2 (0.93)	20.3	18	204 (21)	20.2	229 (23)	22.5	255 (26)
		50		8.2 (0.84)	22.5	20		22.5		25	
		55		7.5 (0.76)	24.8	22		24.7		27.5	
		60		6.9 (0.70)	27	24		27		30	
		65		6.3 (0.65)	29.3	26		29.2		32.5	
		70		5.9 (0.60)	31.5	28		31.5		35	
		75		5.5 (0.56)	33.8	30		33.7		37.5	
		80		5.1 (0.53)	36	32		36		40	
		90		4.6 (0.47)	40.5	36		40.5		45	
		100		4.1 (0.42)	45	40		45		50	
	20	125	9	3.3 (0.34)	56.3	50	204 (21)	56.3	229 (23)	62.5	255 (26)
		20		25.5 (2.60)	9	8		9		10	
		25		20.4 (2.08)	11.3	10		11.2		12.5	
		30		17.0 (1.73)	13.5	12		13.5		15	
		35		14.6 (1.49)	15.8	14		15.7		17.5	
		40		12.7 (1.30)	18	16		18		20	
		45		11.3 (1.16)	20.3	18		20.2		22.5	
		50		10.2 (1.04)	22.5	20		22.5		25	
		55		9.3 (0.95)	24.8	22		24.7		27.5	
		60		8.5 (0.87)	27	24		27		30	
	22	65	9	7.8 (0.80)	29.3	26	204 (21)	29.2	229 (23)	32.5	255 (26)
		70		7.3 (0.74)	31.5	28		31.5		35	
		75		6.8 (0.69)	33.8	30		33.7		37.5	
		80		6.4 (0.65)	36	32		36		40	
		90		5.7 (0.58)	40.5	36		40.5		45	
		100		5.1 (0.52)	45	40		45		50	
		125		4.1 (0.42)	56.3	50		56.3		62.5	

轻小载荷型

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L ₁ (mm)	S=L×40% S (mm)	载荷 N (kgf)	S=L×45% S (mm)	载荷 N (kgf)	S=L×50% S (mm)	载荷 N (kgf)
				使用次数		100 万次		50 万次		30 万次	
20	11	20	31.4 (3.20)	9	8	9	10	12.5	15	17.5	20
		25	25.1 (2.56)	11.3	10	11.2	12.5	15	17.5	20	22.5
		30	20.9 (2.13)	13.5	12	13.5	15	17.5	20	22.5	25
		35	17.9 (1.83)	15.8	14	15.7	17.5	20	22.5	25	27.5
		40	15.7 (1.60)	18	16	18	20	22.5	25	27.5	30
		45	13.9 (1.42)	20.3	18	20.2	22.5	25	27.5	30	32.5
		50	12.6 (1.28)	22.5	20	22.5	25	27.5	30	32.5	35
		55	11.4 (1.16)	24.8	22	24.7	27.5	30	32.5	35	37.5
		60	10.5 (1.07)	27	24	27	30	32.5	35	37.5	40
		65	9.7 (0.98)	29.3	26	29.2	32.5	35	37.5	40	45
		70	9.0 (0.91)	31.5	28	31.5	35	37.5	40	45	50
		75	8.4 (0.85)	33.8	30	33.7	37.5	40	45	50	56.2
		80	7.8 (0.80)	36	32	36	40	45	50	56.2	62.5
		90	7.0 (0.71)	40.5	36	40.5	45	50	56.2	62.5	75
		100	6.3 (0.64)	45	40	45	50	56.2	62.5	75	87.5
		125	5.0 (0.51)	56.3	50	56.2	62.5	75	87.5	100	125
		150	4.2 (0.43)	67.5	60	67.5	75	87.5	100	125	150
22	11	25	31.4 (3.20)	11.3	10	11.2	12.5	15	17.5	20	22.5
		30	26.2 (2.67)	13.5	12	13.5	15	17.5	20	22.5	25
		35	22.4 (2.29)	15.8	14	15.7	17.5	20	22.5	25	27.5
		40	19.6 (2.00)	18	16	18	20	22.5	25	27.5	30
		45	17.4 (1.78)	20.3	18	20.2	22.5	25	27.5	30	32.5
		50	15.7 (1.60)	22.5	20	22.5	25	27.5	30	32.5	35
		55	14.3 (1.45)	24.8	22	24.7	27.5	30	32.5	35	37.5
		60	13.1 (1.33)	27	24	27	30	32.5	35	37.5	40
		65	12.1 (1.23)	29.3	26	29.2	32.5	35	37.5	40	45
		70	11.2 (1.14)	31.5	28	31.5	35	37.5	40	45	50
		75	10.5 (1.07)	33.8	30	33.7	37.5	40	45	50	56.2
		80	9.8 (1.00)	36	32	36	40	45	50	56.2	62.5
		90	8.7 (0.89)	40.5	36	40.5	45	50	56.2	62.5	75
		100	7.8 (0.80)	45	40	45	50	56.2	62.5	75	87.5
		125	6.3 (0.64)	56.3	50	56.2	62.5	75	87.5	100	125
		150	5.2 (0.53)	67.5	60	67.5	75	87.5	100	125	150
DSJPL	13.5	25	39.2 (4.00)	11.3	10	11.2	12.5	15	17.5	20	22.5
		30	32.7 (3.33)	13.5	12	13.5	15	17.5	20	22.5	25
		35	28.0 (2.86)	15.8	14	15.7	17.5	20	22.5	25	27.5
		40	24.5 (2.50)	18	16	18	20	22.5	25	27.5	30
		45	21.8 (2.22)	20.3	18	20.2	22.5	25	27.5	30	32.5
		50	19.6 (2.00)	22.5	20	22.5	25	27.5	30	32.5	35
		55	17.8 (1.82)	24.8	22	24.7	27.5	30	32.5	35	37.5
		60	16.3 (1.67)	27	24	27	30	32.5	35	37.5	40
		65	15.1 (1.54)	29.3	26	29.2	32.5	35	37.5	40	45
		70	14.0 (1.43)	31.5	28	31.5	35	37.5	40	45	50
		75	13.1 (1.33)	33.8	30	33.7	37.5	40	45	50	56.2
		80	12.3 (1.25)	36	32	36	40	45	50	56.2	62.5
		90	10.9 (1.11)	40.5	36	40.5	45	50	56.2	62.5	75
		100	9.8 (1.00)	45	40	45	50	56.2	62.5	75	87.5
		125	7.8 (0.80)	56.3	50	56.2	62.5	75	87.5	100	125
		150	6.5 (0.67)	67.5	60	67.5	75	87.5	100	125	150
		175	5.6 (0.57)	78.8	70	78.7	87.5	100	125	150	175
27	13.5	25	47.1 (4.80)	11.3	10	11.2	12.5	15	17.5	20	22.5
		30	39.2 (4.00)	13.5	12	13.5	15	17.5	20	22.5	25
		35	33.6 (3.43)	15.8	14	15.7	17.5	20	22.5	25	27.5
		40	29.4 (3.00)	18	16	18	20	22.5	25	27.5	30
		45	26.2 (2.67)	20.3	18	20.2	22.5	25	27.5	30	32.5
		50	23.5 (2.40)	22.5	20	22.5	25	27.5	30	32.5	35
		55	21.4 (2.18)	24.8	22	24.7	27.5	30	32.5	35	37.5
		60	19.6 (2.00)	27	24	27	30	32.5	35	37.5	40
		65	18.1 (1.85)	29.3	26	29.2	32.5	35	37.5	40	45
		70	16.8 (1.71)	31.5	28	31.5	35	37.5	40	45	50
		75	15.7 (1.60)	33.8	30	33.7	37.5	40	45	50	56.2
		80	14.7 (1.50)	36	32	36	40	45	50	56.2	62.5
		90	13.1 (1.33)	40.5	36	40.5	45	50	56.2	62.5	75
		100	11.8 (1.20)	45	40	45	50	56.2	62.5	75	87.5
		125	9.4 (0.96)	56.3	50	56.2	62.5	75	87.5	100	125
		150	7.8 (0.80)	67.5	60	67.5	75	87.5	100	125	150
		175	6.7 (0.69)	78.8	70	78.7	87.5	100	125	150	175
		200	5.9 (0.60)	90	80	90	100	125	150	175	200

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L ₁ (mm)	S=L×40% S (mm)	载荷 N (kgf)	S=L×45% S (mm)	载荷 N (kgf)	S=L×50% S (mm)	载荷 N (kgf)						
				使用次数		100 万次		50 万次		30 万次							
30	16	25	16	56.5 (5.76)	11.3	10	565 (58)	11.2	635 (65)	12.5	706 (72)						
		30		47.1 (4.80)	13.5	12		13.5		15							
		35		40.3 (4.11)	15.8	14		15.7		17.5							
		40		35.3 (3.60)	18	16		18		20							
		45		31.4 (3.20)	20.3	18		20.2		22.5							
		50		28.2 (2.88)	22.5	20		22.5		25							
		55		25.7 (2.62)	24.8	22		24.7		27.5							
		60		23.5 (2.40)	27	24		27		30							
		65		21.7 (2.22)	29.3	26		29.2		32.5							
		70		20.2 (2.06)	31.5	28		31.5		35							
		75		18.8 (1.92)	33.8	30		33.7		37.5							
		80		17.7 (1.80)	36	32		36		40							
		90		15.7 (1.60)	40.5	36		40.5		45							
		100		14.1 (1.44)	45	40		45		50							
		125		11.3 (1.15)	56.3	50		56.2		62.5							
		150		9.4 (0.96)	67.5	60		67.5		75							
		175		8.1 (0.82)	78.8	70		78.7		87.5							
		200		7.1 (0.72)	90	80		90		100							
		35		19	40	19		48.0 (4.89)		18		16	768 (78)	18	864 (88)	20	960 (98)
					45			42.7 (4.35)		20.3		18		20.2		22.5	
50	38.4 (3.92)		22.5		20		22.5	25									
55	34.9 (3.56)		24.8		22		24.7	27.5									
60	32.0 (3.26)		27		24		27	30									
65	29.5 (3.01)		29.3		26		29.2	32.5									
70	27.4 (2.80)		31.5		28		31.5	35									
75	25.6 (2.61)		33.8		30		33.7	37.5									
80	24.0 (2.45)		36		32		36	40									
90	21.3 (2.18)		40.5		36		40.5	45									
100	19.2 (1.96)		45		40		45	50									
125	15.4 (1.57)		56.3		50		56.2	62.5									
150	12.8 (1.31)		67.5		60		67.5	75									
175	11.0 (1.12)		78.8		70		78.7	87.5									
200	9.6 (0.98)		90		80		90	100									
DSJPL	22		40		22		62.7 (6.39)	18	16	1003 (102)	18	1129 (115)		20		1254 (128)	
		45	55.7 (5.68)	21.3		18	20.3	22.5									
		50	50.2 (5.11)	22.5		20	22.5	25									
		55	45.6 (4.65)	24.8		22	24.8	27.5									
		60	41.8 (4.26)	27		24	27	30									
		65	38.6 (3.93)	30.8		26	30.8	32.5									
		70	35.8 (3.65)	31.5		28	31.5	35									
		75	33.4 (3.41)	35.6		30	33.8	37.5									
		80	31.4 (3.20)	36		32	36	40									
		90	27.9 (2.84)	40.5		36	40.5	45									
		100	25.1 (2.56)	45		40	45	50									
		125	20.1 (2.05)	56.3		50	56.2	62.5									
		150	16.7 (1.70)	67.5		60	67.5	75									
		175	14.3 (1.46)	78.8		70	78.7	87.5									
		200	12.5 (1.28)	90		80	90	100									
		50	27.5	40		27.5	11.1 (1.14)	101	90		1568 (160)		101.3	1764 (180)	112.5		1960 (200)
45	10.0 (1.02)			112.5	100		112.5	125									
50	9.1 (0.93)			124	110		123.8	137.5									
55	8.4 (0.85)			142.2	120		135	150									
60	78.4 (7.99)			22.5	20		22.5	25									
65	71.3 (7.27)			24.8	22		24.8	27.5									
70	65.3 (6.66)			27	24		27	30									
75	60.3 (6.15)			29.3	26		29.3	32.5									
80	56.0 (5.71)			31.5	28		31.5	35									
85	52.3 (5.33)			33.8	30		33.8	37.5									
90	49.0 (5.00)			36	32		36	40									
95	43.6 (4.44)			40.5	36		40.5	45									
100	39.2 (4.00)			45	40		45	50									
125	31.4 (3.20)			56.3	50		56.2	62.5									
150	26.1 (2.66)			67.5	60		67.5	75									
175	22.4 (2.28)			78.8	70		78.7	87.5									
200	19.6 (2.00)	90	80	90	100												
225	17.4 (1.78)	101	90	101.3	112.5												
250	15.7 (1.60)	112.5	100	112.5	125												
275	14.3 (1.45)	124	110	123.8	137.5												
300	13.1 (1.33)	135	120	135	150												
350	11.2 (1.14)	165.9	140	157.5	175												
400	9.8 (1.00)	189.6	160	180	200												
450	8.7 (0.89)	213.3	180	202.5	225												
500	7.8 (0.80)	237	200	225	250												

轻小载荷型

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L ₁ (mm)	S=L×40%		S=L×45%		S=L×50%	
						S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)
使用次数						100 万次		50 万次		30 万次	
DSJPL	60	60	33	94.0 (9.59)	27	24		27		30	
		70		80.6 (8.22)	31.5	28		31.5		35	
		80		70.5 (7.19)	36	32		36		40	
		90		62.7 (6.39)	40.5	36		40		45	
		100		56.4 (5.75)	45	40		45		50	
		125		45.1 (4.60)	56.3	50		56.2		62.5	
		150		37.6 (3.83)	67.5	60		67.5		75	
		175		32.2 (3.29)	78.8	70		78.7		87.5	
		200		28.2 (2.88)	90	80	2256 (230)	90	2538 (259)	100	2820 (288)
		225		25.1 (2.56)	101.3	90		101.3		112.5	
		250		22.6 (2.30)	112.5	100		112.5		125	
		275		20.5 (2.09)	123.8	110		123.8		137.5	
		300		18.8 (1.92)	135	120		135		150	
		350		16.1 (1.64)	165.9	140		157.5		175	
		400		14.1 (1.44)	189.6	160		180		200	
		450		12.5 (1.28)	213.3	180		202.5		225	
		500		11.3 (1.15)	237	200		225		250	
	70	70	38.5	112 (11.4)	33.2	28		31.5		35	
		80		98.0 (9.99)	37.9	32		36		40	
		90		87.1 (8.88)	42.7	36		40.5		45	
		100		78.4 (7.99)	47.4	40		45		50	
		125		62.7 (6.40)	59.3	50		56.3		62.5	
		150		52.3 (5.33)	71.1	60	3136 (320)	67.5	3528 (360)	75	3920 (400)
		175		44.8 (4.57)	83	70		78.8		87.5	
		200		39.2 (4.00)	94.8	80		90		100	
		250		31.4 (3.20)	118.5	100		112.5		125	
		300		26.1 (2.66)	142.2	120		135		150	
		350		22.4 (2.28)	165.9	140		157.5		175	

■ 载荷的计算方法

载荷 = 刚度系数 × 压缩量

(国际单位) $N = N/mm \times Smm$
 $kgf = kgf/mm \times Smm$
($kgf = N \times 0.101972$)

⚠ 压紧长度为参考值，且因生产批次不同会稍有偏差。

⚠ 弹簧颜色与圈数可能会因为生产批次不同而异，但规格均符合目录标准，请放心使用

代号	类型	材质
DSJPL	轻小载荷型	SWOSC-V 相当