

代码	类型	材质	最大压缩量
YSWF	极轻载荷型	标准型	油冷回火弹簧钢
J-YSWF	精密型		L×50%

□ L尺寸公差

L	公差
50以下	±0.5
50以上	±1.0%

① 载荷(±10%)

① 直角度(2°以下)

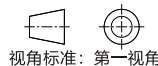
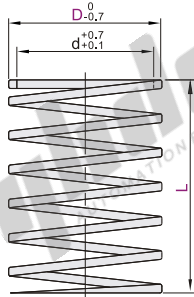
① 载荷(N)=定数(N/mm)×压缩量

① 耐热温度为150°C

① 1kgf=9.81N

① 压紧长度为参考值,加工时会有少许差异。

① 弹簧颜色和圈数可能会因生产批次不同而异,但产品性能均符合标准,不影响使用!



视角标准: 第一视角

型号		内径	弹簧常数	a	使用方法					
代码	D	L	d	N/mm	压紧长度	30万次F=L×50%	50万次F=L×45%	100万次F=L×40%	50万次F=L×45%	100万次F=L×40%
					Fmm	负载N	Fmm	负载N	Fmm	负载N
6	15*		7.80	7.1	7.5		6.8	6		
	20*		5.90	9.5	10.0		9.0	8		
	25*		4.70	11.9	12.5		11.3	10		
	30*		3.90	14.2	15.0		13.5	12		
	35*		3.40	16.6	17.5		15.8	14		
	40*		2.90	19.0	20.0		18.0	16		
	10		15.24	4.5	5.0		4.5	4		
	15		10.16	6.8	7.5		6.8	6		
	20		7.62	9.0	10.0		9.0	8		
	25		6.10	11.3	12.5		11.3	10		
	30		5.08	13.5	15.0		13.5	12		
	35		4.36	15.8	17.5		15.8	14		
	40		3.81	18.0	20.0		18.0	16		
	45		3.39	20.3	22.5		20.3	18		
	50		3.05	22.5	25.0		22.5	20		
8	50		3.05	22.5	25.0	78.5	22.5	68.6	20	58.8
	55		2.77	24.8	27.5		24.8	22		
	60		2.54	27.0	30.0		27.0	24		
	65		2.35	30.8	32.5		29.3	26		
	70		2.18	33.2	35.0		31.5	28		
	75		2.10	35.6	37.5		33.8	30		
	80		1.91	37.9	40.0		36.0	32		
	90*		1.74	43.5	45.0		40.5	36		
	100*		1.57	48.5	50.0		45.0	40		
	10*		19.50	4.5	5.0		4.5	4		
	15*		13.20	6.8	7.5		6.8	6		
	20		9.81	9.0	10.0		9.0	8		
	25		7.85	11.3	12.5		11.3	10		
	30		6.54	13.5	15.0		13.5	12		
	35		5.61	15.8	17.5		15.8	14		
	40		4.91	18.0	20.0		18.0	16		
10	45		4.36	20.3	22.5		20.3	18		
	50		3.92	22.5	25.0	98.1	22.5	88.3	20	78.5
	55		3.57	24.8	27.5		24.8	22		
	60		3.27	27.0	30.0		27.0	24		
	65		3.02	29.3	32.5		29.3	26		
	70		2.80	31.5	35.0		31.5	28		
	75		2.62	33.8	37.5		33.8	30		
	80		2.45	36.0	40.0		36.0	32		
	90		2.18	40.5	45.0		40.5	36		
	100*		1.96	48.4	50.0		45.0	40		
	15*		18.20	6.7	7.5		6.8	6		
	20		13.62	9.0	10.0		9.0	8		
	25		10.90	11.3	12.5		11.3	10		
	30		9.08	13.5	15.0		13.5	12		
	35		7.78	15.8	17.5		15.8	14		
	40		6.81	18.0	20.0		18.0	16		
12	45		6.05	20.3	22.5		20.3	18		
	50		5.45	22.5	25.0	137.3	22.5	122.6	20	107.9
	55		4.95	24.8	27.5		24.8	22		
	60		4.54	27.0	30.0		27.0	24		
	65		4.19	29.3	32.5		29.3	26		
	70		3.89	31.5	35.0		31.5	28		
	75		3.63	33.8	37.5		33.8	30		
	80		3.41	36.0	40.0		36.0	32		
	90		3.03	40.5	45.0		40.5	36		
	100*		2.74	48.2	50.0		45.0	40		
	20*		17.60	8.9	9.8		9.1	8.1		
	25		13.95	11.3	12.5		11.3	10		
	30		11.62	13.5	15.0		13.5	12		
	35		9.96	15.8	17.5		15.8	14		
	40		8.72	18.0	20.0		18.0	16		
	45		7.75	20.3	22.5	176.5	20.3	156.9	18	142.2
14	50		6.97	22.5	25.0		22.5	20		
	55		6.34	24.8	27.5		24.8	22		
	60		5.81	27.0	30.0		27.0	24		
	65		5.36	29.3	32.5		29.3	26		
	70		4.98	31.5	35.0		31.5	28		
	75		4.65	33.8	37.5	176.5	33.8	156.9	30	142.2
	80		4.36	36.0	40.0		36.0	32		
	90		3.87	40.5	45.0		40.5	36		
	100		3.49	45.0	50.0		45.0	40		
	125*		2.80	61.2	62.5		56.25	50		
	20*		20.50	9.1	10.1		9.1	8.2		
	25		16.56	11.3	12.5		11.3	10		
	30		13.80	13.5	15.0		13.5	12		
	35		11.83	15.8	17.5		15.8	14		
	40		10.35	18.0	20.0		18.0	16		
	45		9.20	20.3	22.5		20.3	18		
16	50		8.28	22.5	25.0		22.5	20		
	55		7.53	24.8	27.5	206	24.8	185	22	165
	60		6.90	27.0	30.0		27.0	24		
	65		6.37	29.3	32.5		29.3	26		
	70		5.91	31.5	35.0		31.5	28		
	75		5.25	33.8	37.5		33.8	30		
	80		5.18	36.0	40.0		36.0	32		
	90		4.60	40.5	45.0		40.5	36		
	100		4.14	45.0	50.0		45.0	40		
	125		3.31	56.3	62.5		56.3	50		
	20*		25.50	9.1	10.1		9.1	8.2		
	25		20.09	11.3	12.5		11.3	10		
	30		16.74	13.5	15.0		13.5	12		
	35		14.35	15.8	17.5		15.8	14		
	40		12.56	18.0	20.0		18.0	16		
	45		11.16	20.3	22.5		20.3	18		
18	50		10.04	22.5	25.0		22.5	20		
	55		9.13	24.8	27.5	255	24.8	226	22	206
	60		8.37	27.0	30.0		27.0	24		
	65		7.73	29.3	32.5		29.3	26		
	70		7.17	31.5	35.0		31.5	28		
	75		6.70	33.8	37.5		33.8	30		
	80		6.28	36.0	40.0		36.0	32		
	90		5.58	40.5	45.0		40.5	36		
	100		5.02	45.0	50.0		45.0	40		
	125		4.02	56.3	62.5		56.3	50		
	20*		31.30	9.1	10.1		9.1	8.2		
	25		25.24	11.3	12.5		11.3	10		
	30		21.04	13.5	15.0		13.5	12		
	35		18.03	15.8	17.5		15.8	14		
	40		15.78	18.0	20.0		18.0	16		
	45		14.02	20.3	22.5		20.3	18		
20	50		12.62	22.5	25.0		22.5	20		
	55		11.47	24.8	27.5	314	24.8	284	22	255
	60		10.52	27.0	30.0		27.0	24		
	65		9.71	29.3	32.5		29.3	26		
	70		9.02	31.5	35.0		31.5	28		
	75		8.41	33.8	37.5		33.8	30		
	80		7.89	36.0	40.0		36.0	32		
	90		7.01	40.5	45.0		40.5	36		
	100		6.31	45.0	50.0		45.0	40		
	125		5.05	56.3	62.5		56.3	50		
	150		4.21	67.5	75.0		67.5	60		
	20*		42.10	9.1	10.1		9.1	8.2		
	25		34.20	11.3	12.5		11.3	10		
	30		28.10	13.5	15.0		13.5	12		
	35		23.80	15.8	17.5		15.8	14		
	40		20.30	18.0	20.0		18.0	16		
	45		17.60	20.3	22.5		20.3	18		



请按图示订货

型号	代码	D	L
YSWF	J-YSWF	15	15
YSWF	D8	L10	



未税价(元)

数量	1~9	10~
价格	100%	另行报价

交货期
3

① 带*号仅适用标准型。

◀ 极轻载荷弹簧(黄色)

型号			内径		a		使用方法						型号			内径		a		使用方法									
			弹簧常数		30万次L=L×50%		50万次L=L×45%		100万次L=L×40%					弹簧常数		30万次L=L×50%		50万次L=L×45%		100万次L=L×40%									
代码	D	L	d	压簧长度	Fmm	负载N	Fmm	负载N	Fmm	负载N	代码	D	L	d	压簧长度	Fmm	负载N	Fmm	负载N	Fmm	负载N								
YSWF J-YSWF	22	11	20*	39.20	9.5	10.0			9.0			35	19	19	40	47.94	18.0	20.0			18.0		16						
			25	31.38	11.3	12.5			11.3						10	45	42.62	20.3	22.5			20.3		18					
			30	26.15	13.5	15.0			13.5						12	50	38.36	22.5	25.0			22.5		20					
			35	22.41	15.8	17.5			15.8						14	55	34.87	24.8	27.5			24.8		22					
			40	19.61	18.0	20.0			18.0						16	60	31.96	27.0	30.0			27.0		24					
			45	17.43	20.3	22.5			20.3						18	65	29.50	29.3	32.5			29.3		26					
			50	15.69	22.5	25.0			22.5						20	70	27.40	31.5	35.0			31.5		28					
			55	14.26	24.8	27.5			24.8						22	75	25.57	33.8	37.5			33.8		30					
			60	13.07	27.0	30.0			27.0						24	80	23.97	36.0	40.0			36.0		32					
			65	12.07	29.3	32.5			29.3						26	90	21.31	40.5	45.0			40.5		36					
			70	11.21	31.5	35.0			31.5						28	100	19.18	45.0	50.0			45.0		40					
			75	10.46	33.8	37.5			33.8						30	125	15.34	56.3	62.5			56.3		50					
			80	9.81	36.0	40.0			36.0						32	150	12.79	67.5	75.0			67.5		60					
			90	8.72	40.5	45.0			40.5						36	175	10.96	78.8	87.5			78.8		70					
			100	7.84	45.0	50.0			45.0						40	200	9.59	90.0	100.0			90.0		80					
			125	6.28	56.3	62.5			56.3						50	40	40	62.67	18.0	20.0			18.0		16				
			150	5.23	67.5	75.0			67.5						60	45	55.77	21.4	22.5			20.25		18					
			20*	49.00	9.45	10.0			9.0						8	50	50.13	22.5	25.0			22.5		20					
			25	39.20	11.3	12.5			11.3						10	55	45.58	24.8	27.5			24.8		22					
			30	32.67	13.5	15.0			13.5						12	60	41.78	27.0	30.0			27.0		24					
35	28.00	15.8	17.5			15.8			14	65	38.56	29.3	32.5			29.3		26											
40	24.50	18.0	20.0			18.0			16	70	35.81	31.5	35.0			31.5		28											
45	21.78	20.3	22.5			20.3			18	75	33.42	35.6	37.5			33.8		30											
50	19.60	22.5	25.0			22.5			20	80	31.33	36.0	40.0			36.0		32											
55	17.82	24.8	27.5			24.8			22	90	27.85	40.5	45.0			40.5		36											
60	16.33	27.0	30.0			27.0			24	100	25.07	45.0	50.0			45.0		40											
65	15.08	29.3	32.5			29.3			26	125	20.05	56.3	62.5			56.3		50											
70	14.00	31.5	35.0			31.5			28	150	16.71	67.5	75.0			67.5		60											
75	13.07	33.8	37.5			33.8			30	175	14.32	78.8	87.5			78.8		70											
80	12.25	36.0	40.0			36.0			32	200	12.58	90.0	100.0			90.0		80											
90	10.89	40.5	45.0			40.5			36	225	11.14	101.3	112.5			101.3		90											
100	9.80	45.0	50.0			45.0			40	250	10.03	112.5	125.0			112.5		100											
125	7.84	56.3	62.5			56.3			50	275	9.12	123.8	137.5			123.8		110											
150	6.53	67.5	75.0			67.5			60	300	8.36	142.2	150.0			135.0		120											
175	5.60	78.8	87.5			78.8			70	50	78.44	22.5	25.0			22.5		20											
200	4.90	90.0	100			90.0			80	55	71.31	24.8	27.5			24.8		22											
YSWF J-YSWF	27	13.5	25	47.11	11.3	12.5			11.3			30	16	16	60	65.37	27.0	30.0			27.0		24						
			30	39.26	13.5	15.0			13.5						12	65	60.34	29.3	32.5			29.3		26					
			35	33.65	15.8	17.5			15.8						14	70	56.03	31.5	35.0			31.5		28					
			40	29.44	18.0	20.0			18.0						16	75	52.30	33.8	37.5			33.8		30					
			45	26.17	20.3	22.5			20.3						18	80	49.03	36.0	40.0			36.0		32					
			50	23.56	22.5	25.0			22.5						20	90	43.58	40.5	45.0			40.5		36					
			55	21.41	24.8	27.5			24.8						22	100	39.22	45.0	50.0			45.0		40					
			60	19.63	27.0	30.0			27.0						24	125	31.38	56.3	62.5			56.3		50					
			65	18.12	29.3	32.5			29.3						26	150	26.15	67.5	75.0			67.5		60					
			70	16.83	31.5	35.0			31.5						28	175	22.41	78.8	87.5			78.8		70					
			75	15.70	33.8	37.5			33.8						30	200	19.61	90.0	100.0			90.0		80					
			80	14.72	36.0	40.0			36.0						32	225	17.43	101.3	112.5			101.3		90					
			90	13.09	40.5	45.0			40.5						36	250	15.69	112.5	125.0			112.5		100					
			100	11.78	45.0	50.0			45.0						40	275	14.26	123.8	137.5			123.8		110					
			125	9.42	56.3	62.5			56.3						50	300	13.07	135.0	150.0			135.0		120					
			150	7.85	67.5	75.0			67.5						60	350	11.21	165.9	175.0			157.5		140					
			175	6.73	78.8	87.5			78.8						70	400	9.70	189.5	200.1			180.1		160					
			200	5.89	90.0	100			90.0						80	450	8.70	213.2	225.2			202.4		180					
			YSWF J-YSWF	30	16	25	56.62	11.3	12.5						11.3			60	33	33	60	94.07	27.0	30.0			27.0		24
						30	47.19	13.5	15.0						13.5						12	70	80.63	31.5	35.0			31.5	
35	40.44	15.8				17.5			15.8			14	80	70.56	36.0	40.0						36.0		32					
40	35.39	18.0				20.0			18.0			16	90	62.72	40.5	45.0						40.5		36					
45	31.46	20.3				22.5			20.3			18	100	56.44	45.0	50.0						45.0		40					
50	28.31	22.5				25.0			22.5			20	125	45.16	56.3	62.5						56.3		50					
55	25.74	24.8				27.5			24.8			22	150	37.63	67.5	75.0						67.5		60					
60	23.59	27.0				30.0			27.0			24	175	32.25	78.8	87.5						78.8		70					
65	21.78	29.3				32.5			29.3			26	200	28.22	90.0	100.0						90.0		80					
70	20.22	31.5				35.0			31.5			28	225	25.09	101.3	112.5						101.3		90					
75	18.87	33.8				37.5			33.8			30	250	22.58	112.5	125.0						112.5		100					
80	17.69	36.0				40.0			36.0			32	275	20.53	123.8	137.5						123.8		110					
90	15.73	40.5				45.0			40.5			36	300	18.81	135.0	150.0						135.0		120					
100	14.16	45.0				50.0			45.0			40	350	16.13	165.9	175.0						157.5		140					
125	11.32	56.3				62.5			56.3			50	400	14.20	189.5	200.1						180.1		160					
150	9.44	67.5				75.0			67.5			60	450	12.60	213.2	225.2						202.4		180					
175	8.09	78.8				87.5			78.8			70	500	11.40	237.1	250.1						225.1		200					
200	7.08	90.0				100			90.0			80	70	114.29	33.2	35.0						31.5		28					
YSWF J-YSWF	35	19				80	100.00	37.9	40.0			36.0			70	38.5	38.5				80	88.89	42.7	45.0			40.5		36
						90	80.00	47.4	50.0			45.0									40	100	80.00	47.4	50.0			45.0	
			100	64.00	59.3	62.5			56.3			50	125	53.33				71.1	75.0			67.5		60					
			150	45.71	83.0	87.5			78.8			70	175	45.71				83.0	87.5			78.8		70					
			200	40.00	94.8	100.0			90.0			80	200	40.00				94.8	100.0			90.0		80					
			225	35.56	106.7	112.5			101.3			90	250	32.00				118.5	125.0			112.5		100					
			275	29.09	130.3	137.5			123.8			110	300	26.20				142.1	150.0			135.0		120					
			350	22.30	165.8	175.0			157.5			140	400	18.81				189.5	200.1			180.1		160					
			450	14.20	213.2	225.2			202.4			180	500	11.40				237.1	250.1			225.1		200					
			70	114.29	33.2	35.0			31.5			28	80	100.00				37.9	40.0			36.0		32					
			90	88.89	42.7	45.0			40.5			36	100	80.00				47.4	50.0			45.0		40					
			125	64.00	59.3	62.5			56.3			50	150	53.33				71.1	75.0			67.5		60					
			175	45.71	83.0	87.5			78.8			70	200	40.00				94.8	100.0			90.0		80					
			225	35.56	106.7	112.5			101.3			90	250	32.00				118.5	125.0			112.5		100					
			275	29.09	130.3	137.5			123.8																				