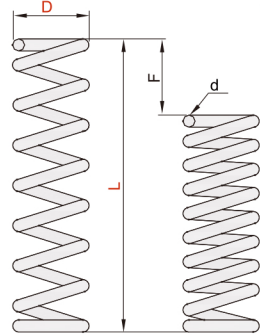


# 圆线螺旋弹簧 ◀ 外径基准型(弹簧钢)



代码	类型	材质		表面处理	允许位移量	弹簧常数公差
		国标	相当			
AWB	外径基准型	琴钢丝	SWP	发黑	L×25%	±10%

■ 外径D公差:  $\varnothing 10$ 以下-0.5mm~0mm  $\varnothing 12$ 以上-0.8mm~0mm  
 ■ 长度L公差: 50以下 $\pm 1$ , 55以上 $\pm 1.5$ 。  
 压紧长度为参考值, 因批次不同会有偏差。  
 理论使用次数100万次  
 AWB-D3,AWB-D4-L5,AWB-D5-L5,AWB-D6-L5两端均未进行磨削加工。

■ 技术参数表

代码	型号		d	压紧长度	Fmax	N(kgf) max		
	D	L						
AWB	3	5	0.4	3.2	1.3	4.9		
		10	0.5	6.5	2.5	9.8		
		15	0.55	10.5	3.8	14.7		
		20	0.55	12.7	5	19.6		
		25	0.6	17.4	6.3	24.5		
		30	0.6	21	7.5	29.4		
	AWB	4	35	0.65	24	8.8	34.3	
			40	0.65	27	10	39.2	
			5	0.5	3	1.3	5.9	
			10	0.6	6	2.5	12.3	
			15	0.65	9.8	3.8	18.1	
			20	0.7	12.6	5	24.5	
		AWB	5	25	0.75	16.5	6.3	30.4
				30	0.75	20.3	7.5	36.8
35				0.8	24	8.8	43.1	
40				0.8	28	10	49	
45				0.8	29	11.3	55.4	
50				0.85	34	12.5	61.3	
AWB			6	5	0.65	3.3	1.3	12.7
				10	0.8	7	2.5	24.5
	15			0.8	7	3.8	37.3	
	20			0.9	13	5	49	
	25			0.9	13	6.3	61.8	
	30			1	21	7.5	73.5	
	AWB		7	35	1	25	8.8	86.3
				40	1	25	10	98.1
		45		1.1	31	11.3	110.8	
		50		1.1	34	12.5	122.6	
		55		1.1	39	13.8	135.3	
		60		1.1	43	15	147.1	
		AWB	8	65	1.2	46	16.3	159.8
				70	1.2	50	17.5	171.6
5				0.7	3.5	1.3	12.7	
10				0.8	7	2.5	24.5	
15				0.9	7.5	3.8	37.3	
20				1	11.5	5	49	
AWB			9	25	1.1	17.5	6.3	61.8
				30	1.1	19.5	7.5	73.5
	35			1.1	20	8.8	86.3	
	40			1.2	28	10	98.1	
	45			1.2	30	11.3	110.8	
	50			1.2	32	12.5	122.6	
	AWB		10	55	1.2	32	13.8	135.3
				60	1.3	43	15	147.1
		65		1.3	46	16.3	159.8	
		70		1.3	50	17.5	171.6	
		80		1.4	57	20	196.1	
		10		1	6	2.5	24.5	
		AWB	11	15	1.2	10.8	3.8	37.3
				20	1.2	11.5	5	49
25				1.3	17	6.3	61.8	
30				1.3	17	7.5	73.5	
35				1.4	24.5	8.8	86.3	
40				1.4	25.2	10	98.1	
AWB			12	45	1.5	32	11.3	110.8
				50	1.5	33	12.5	122.6
	55			1.5	36.5	13.8	135.3	
	60			1.5	36.5	15	147.1	
	65			1.6	48	16.3	159.8	
	70			1.6	48	17.5	171.6	
	AWB		13	80	1.6	55	20	196.1
				10	1.2	12	4	18.8
		15		1.3	12.5	5	20.6	
		20		1.4	13	6.3	22.4	
		25		1.5	14	7.5	24.2	
		30		1.6	15	8.8	26	
		AWB	14	35	1.7	16	10	27.8
				40	1.8	17	11.3	29.6
45				1.8	18	12.5	31.4	
50				1.8	19	13.8	33.2	
55				1.8	20	15	35	
60				1.8	21	16.3	36.8	
AWB			15	65	1.8	22	17.5	38.6
				70	1.8	23	18.8	40.4
	75			1.8	24	20	42.2	
	80			1.8	25	21.3	44	
	85			1.8	26	22.5	45.8	
	90			1.8	27	23.8	47.6	
	AWB		16	95	1.8	28	25	49.4
				100	1.8	29	26.3	51.2
		105		1.8	30	27.5	53	
		110		1.8	31	28.8	54.8	
		115		1.8	32	30	56.6	
		120		1.8	33	31.3	58.4	
		AWB	17	125	1.8	34	32.5	60.2
				130	1.8	35	33.8	62
135				1.8	36	35	63.8	
140				1.8	37	36.3	65.6	
145				1.8	38	37.5	67.4	
150				1.8	39	38.8	69.2	
AWB			18	155	1.8	40	40	71
				160	1.8	41	41.3	72.8
	165			1.8	42	42.5	74.6	
	170			1.8	43	43.8	76.4	
	175			1.8	44	45	78.2	
	180			1.8	45	46.3	80	
	AWB		19	185	1.8	46	47.5	81.8
				190	1.8	47	48.8	83.6
		195		1.8	48	50	85.4	
		200		1.8	49	51.3	87.2	
		205		1.8	50	52.5	89	
		210		1.8	51	53.8	90.8	
		AWB	20	215	1.8	52	55	92.6
				220	1.8	53	56.3	94.4
225				1.8	54	57.5	96.2	
230				1.8	55	58.8	98	
235				1.8	56	60	99.8	
240				1.8	57	61.3	101.6	
AWB			21	245	1.8	58	62.5	103.4
				250	1.8	59	63.8	105.2
	255			1.8	60	65	107	
	260			1.8	61	66.3	108.8	
	265			1.8	62	67.5	110.6	
	270			1.8	63	68.8	112.4	
	AWB		22	275	1.8	64	70	114.2
				280	1.8	65	71.3	116
		285		1.8	66	72.5	117.8	
		290		1.8	67	73.8	119.6	
		295		1.8	68	75	121.4	
		300		1.8	69	76.3	123.2	
		AWB	23	305	1.8	70	77.5	125
				310	1.8	71	78.8	126.8
315				1.8	72	80	128.6	
320				1.8	73	81.3	130.4	
325				1.8	74	82.5	132.2	
330				1.8	75	83.8	134	
AWB			24	335	1.8	76	85	135.8
				340	1.8	77	86.3	137.6
	345			1.8	78	87.5	139.4	
	350			1.8	79	88.8	141.2	
	355			1.8	80	90	143	
	360			1.8	81	91.3	144.8	
	AWB		25	365	1.8	82	92.5	146.6
				370	1.8	83	93.8	148.4
		375		1.8	84	95	150.2	
		380		1.8	85	96.3	152	
		385		1.8	86	97.5	153.8	
		390		1.8	87	98.8	155.6	
		AWB	26	395	1.8	88	100	157.4
				400	1.8	89	101.3	159.2
405				1.8	90	102.5	161	
410				1.8	91	103.8	162.8	
415				1.8	92	105	164.6	
420				1.8	93	106.3	166.4	
AWB			27	425	1.8	94	107.5	168.2
				430	1.8	95	108.8	170
	435			1.8	96	110	171.8	
	440			1.8	97	111.3	173.6	
	445			1.8	98	112.5	175.4	
	450			1.8	99	113.8	177.2	
	AWB		28	455	1.8	100	115	179
				460	1.8	101	116.3	180.8
		465		1.8	102	117.5	182.6	
		470		1.8	103	118.8	184.4	
		475		1.8	104	120	186.2	
		480		1.8	105	121.3	188	
		AWB	29	485	1.8	106	122.5	189.8
				490	1.8	107	123.8	191.6
495				1.8	108	125	193.4	
500				1.8	109	126.3	195.2	
505				1.8	110	127.5	197	
510				1.8	111	128.8	198.8	
AWB			30	515	1.8	112	130	200.6
				520	1.8	113	131.3	202.4
	525			1.8	114	132.5	204.2	
	530			1.8	115	133.8	206	
	535			1.8	116	135	207.8	
	540			1.8	117	136.3	209.6	
	AWB		31	545	1.8	118	137.5	211.4
				550	1.8	119	138.8	213.2
		555		1.8	120	140	215	
		560		1.8	121	141.3	216.8	
		565		1.8	122	142.5	218.6	
		570		1.8	123	143.8	220.4	
		AWB	32	575	1.8	124	145	222.2
				580	1.8	125	146.3	224
585				1.8	126	147.5	225.8	
590				1.8	127	148.8	227.6	
595				1.8	128	150	229.4	
600				1.8	129	151.3	231.2	
AWB			33	605	1.8	130	152.5	233
				610	1.8	131	153.8	234.8
	615			1.8	132	155	236.6	
	620			1.8	133	156.3	238.4	
	625			1.8	134	157.5	240.2	
	630			1.8	135	158.8	242	
	AWB		34	635	1.8	136	160	243.8
				640	1.8	137	161.3	245.6
		645		1.8	138	162.5	247.4	
		650		1.8	139	163.8	249.2	
		655		1.8	140	165	251	
		660		1.8	141	166.3	252.8	
		AWB	35	665	1.8	142	167.5	254.6
				670	1.8	143	168.8	256.4
675				1.8	144	170	258.2	
680				1.8	145	171.3	260	
685				1.8	146	172.5	261.8	
690				1.8	147	173.8	263.6	
AWB			36	695	1.8	148	175	265.4
				700	1.8	149	176.3	267.2
	705			1.8	150	177.5	269	
	710			1.8	151	178.8	270.8	
	715			1.8	152	180	272.6	
	720			1.8	153	181.3	274.4	
	AWB		37	725	1.8	154	182.5	276.2
				730	1.			