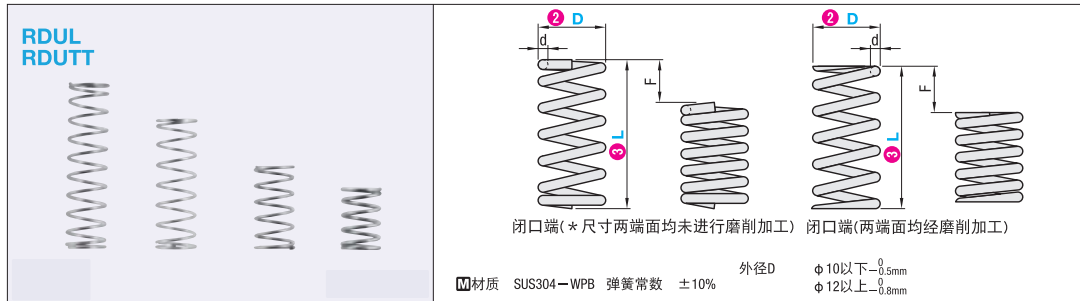


圆线螺旋弹簧

— 外径基准不锈钢型 —

请按照选型步骤①~④选择型式和参数后进行订购。

Order 订货范例 **型式 (1Type · 2D)** - **3L**
RDUL16 - **80**



RDUL: $F_{max.} (\text{容许位移量}) = L \times 40\%$

型式 ①Type ②D-③L	d	压缩长度	F max.	N{kgf} max.	型式 ①Type ②D-③L	d	压缩长度	F max.	N{kgf} max.	型式 ①Type ②D-③L	d	压缩长度	F max.	N{kgf} max.
RDUL 2-5*	0.2	1.65	2	0.98 (0.1)	RDUL 8-10	0.65	4.6	4	3.9 (0.4)	RDUL 13-15	0.9	5.4	6	5.9 (0.6)
10*	0.26	5.07	4	1.96 (0.2)	15	0.75	8.3	6	5.9 (0.6)	20	1.0	8.25	8	7.8 (0.8)
15*	0.26	5.07	6	2.94 (0.3)	20	0.75	8.3	8	7.8 (0.8)	25	1.0	8.25	10	9.8 (1)
20*	0.3	9.9	8	3.92 (0.4)	25	0.75	8.3	10	9.8 (1)	30	1.1	12.1	12	11.8 (1.2)
25*	0.32	14.1	10	4.90 (0.5)	30	0.8	10.4	12	11.8 (1.2)	35	1.1	12.1	14	13.7 (1.4)
30*	0.32	14.1	12	5.88 (0.6)	35	0.8	10.4	14	13.7 (1.4)	40	1.1	12.1	16	15.7 (1.6)
RDUL 3-5*	0.30	2	2	2.0 (0.2)	40	0.8	10.4	16	15.7 (1.6)	45	1.1	12.1	18	17.7 (1.8)
10*	0.35	3.7	4	3.9 (0.4)	45	0.85	14.5	18	17.7 (1.8)	50	1.2	16.8	20	19.6 (2)
15*	0.4	6.6	6	5.9 (0.6)	50	0.85	14.5	20	19.6 (2)	60	1.2	16.8	24	23.5 (2.4)
20*	0.4	6.6	8	7.8 (0.8)	60	0.9	18	24	23.5 (2.4)	70	1.4	35	28	27.5 (2.8)
25*	0.45	11.7	10	9.8 (1)	70	1.0	30	28	27.5 (2.8)	80	1.4	35	32	31.4 (3.2)
30*	0.45	11.7	12	11.8 (1.2)	80	1.0	30	32	31.4 (3.2)	RDUL 16-15	1.1	7.7	6	5.9 (0.6)
35*	0.45	11.7	14	13.7 (1.4)	RDUL 10-10	0.75	4.7	4	3.9 (0.4)	20	1.1	7.7	8	7.8 (0.8)
40*	0.5	20	16	15.7 (1.6)	15	0.8	6.2	6	5.9 (0.6)	25	1.2	10.8	10	9.8 (1)
RDUL 4-5*	0.35	2.1	2	2.0 (0.2)	20	0.8	6.2	8	7.8 (0.8)	30	1.2	10.8	12	11.8 (1.2)
10*	0.45	5.3	4	3.9 (0.4)	25	0.9	9.5	10	9.8 (1)	35	1.3	14.3	14	13.7 (1.4)
15*	0.45	5.3	6	5.9 (0.6)	30	0.9	9.5	12	11.8 (1.2)	40	1.3	14.3	16	15.7 (1.6)
20*	0.5	8	8	7.8 (0.8)	35	0.9	9.5	14	13.7 (1.4)	45	1.4	19.6	18	17.7 (1.8)
25*	0.5	8	10	9.8 (1)	40	1.0	15.5	16	15.7 (1.6)	50	1.4	19.6	20	19.6 (2)
30*	0.55	12.7	12	11.8 (1.2)	45	1.0	15.5	18	17.7 (1.8)	60	1.4	19.6	24	23.5 (2.4)
35*	0.55	12.7	14	13.7 (1.4)	50	1.0	15.5	20	19.6 (2)	70	1.5	27	28	27.5 (2.8)
40	0.6	19.8	16	15.7 (1.6)	60	1.1	23.7	24	23.5 (2.4)	80	1.5	27	32	31.4 (3.2)
45	0.6	19.8	18	17.7 (1.8)	70	1.1	23.7	28	27.5 (2.8)	RDUL 20-20	1.6	10.4	8	23.5 (2.4)
50	0.6	19.8	20	19.6 (2)	80	1.1	23.7	32	31.4 (3.2)	25	1.6	10.4	10	29.4 (3)
60	0.65	29.9	24	23.5 (2.4)	RDUL 12-15	0.9	6.75	6	5.9 (0.6)	30	1.7	12.8	12	35.3 (3.6)
RDUL 5-5*	0.4	2.2	2	2.0 (0.2)	20	1	10	8	7.8 (0.8)	35	1.7	12.8	14	41.2 (4.2)
10*	0.5	4.75	4	3.9 (0.4)	25	1	10	10	9.8 (1.0)	40	1.8	15.3	16	47.1 (4.8)
15*	0.5	4.75	6	5.9 (0.6)	30	1.1	14.85	12	11.8 (1.2)	45	1.8	15.3	18	53.0 (5.4)
20*	0.55	6.88	8	7.8 (0.8)	35	1.1	14.85	14	13.7 (1.4)	50	2	23	20	58.8 (6)
25*	0.55	6.88	10	9.8 (1)	40	1.2	21.6	16	15.7 (1.6)	60	2	23	24	70.6 (7.2)
30	0.65	14.95	12	11.8 (1.2)	45	1.2	21.6	18	17.7 (1.8)	70	2.2	35.2	28	82.4 (8.4)
35	0.65	14.95	14	13.7 (1.4)	50	1.2	21.6	20	19.6 (2.0)	80	2.2	35.2	32	94.1 (9.6)
40	0.65	14.95	16	15.7 (1.6)	60	1.3	32.5	24	23.5 (2.4)					
45	0.7	21.7	18	17.7 (1.8)	70	1.3	32.5	28	27.5 (2.8)					
50	0.7	21.7	20	19.6 (2)	80	1.4	46.2	32	31.4 (3.2)					
60	0.75	30.75	24	23.5 (2.4)										
RDUL 6-5*	0.45	2.3	2	2.0 (0.2)										
10*	0.55	4.4	4	3.9 (0.4)										
15*	0.55	4.4	6	5.9 (0.6)										
20	0.65	8.5	8	7.8 (0.8)										
25	0.65	8.5	10	9.8 (1)										
30	0.7	12.6	12	11.8 (1.2)										
35	0.7	12.6	14	13.7 (1.4)										
40	0.7	12.6	16	15.7 (1.6)										
45	0.75	17.3	18	17.7 (1.8)										
50	0.75	17.3	20	19.6 (2)										
60	0.8	24.8	24	23.5 (2.4)										
70	0.8	24.8	28	27.5 (2.8)										

RDUTT: $F_{max.} (\text{容许位移量}) = L \times Fa\%$

型式 ①Type ②D-③L	d	压缩长度	F max.	N{kgf} Max.	Fa%	型式 ①Type ②D-③L	d	压缩长度	F max.	N{kgf} Max.	Fa%	型式 ①Type ②D-③L	d	压缩长度	F max.	N{kgf} Max.	Fa%
RDUTT 3-5*	0.35	2.8	2	2.9 (0.3)	40	RDUTT 8-10	0.75	5.3	4	7.8 (0.8)	40	RDUTT 16-15	1.2	7.2	6	11.8 (1.2)	40
10*	0.4	4.8	4	5.9 (0.6)	40	15	0.75	5.3	6	11.8 (1.2)	20	1.3	9.1	8	15.7 (1.6)	40	
15*	0.45	8.3	6	8.8 (0.9)	30	20	0.9	10.4	8	15.7 (1.6)	25	1.3	9.1	10	19.6 (2.0)	40	
20*	0.45	8.3	6	8.8 (0.9)	30	25	0.9	10.4	10	19.6 (2.0)	30	1.4	12.3	12	23.5 (2.4)	40	
25*	0.5	14	8	11.8 (1.2)	32	30	1.0	17	12	23.5 (2.4)	35	1.5	16.5	14	27.5 (2.8)	40	
30*	0.5	14	8	11.8 (1.2)	27	35	1.0	17	14	27.5 (2.8)	40	1.6	21.6	16	31.4 (3.2)	40	
RDUTT 4-5*	0.4	2.6	2	2.9 (0.3)	40	40	1.0	17	16	31.4 (3.2)	45	1.6	21.6	18	35.3 (3.6)	40	
10*	0.45	3.9	4	5.9 (0.6)	40	45	1.1	25.3	18	35.3 (3.6)	50	1.7	28	20	39.2 (4.0)	40	
15*	0.5	6	6	8.8 (0.9)	40	50	1.1	25.3	20	39.2 (4.0)	60	1.7	28	24	47.1 (4.8)	40	
20*	0.55	9.4	8	11.8 (1.2)	40	60	1.1	25.3	24	47.1 (4.8)	70	1.8	36	28	54.9 (5.6)	40	
25	0.6	14.4	10	14.7 (1.5)	33	70	1.2	39.6	28	54.9 (5.6)	80	1.8	36	32	62.8 (6.4)	40	
30	0.6	14.4	10	14.7 (1.5)	33	RDUTT 10-10	0.85	5.1	4	7.8 (0.8)	RDUTT 20-20	1.7	10.6	8	31.4 (3.2)	40	
RDUTT 5-5*	0.45	2.6	2	2.9 (0.3)	40	15	0.85	5.1	6	11.8 (1.2)	25	1.8	12.6	10	39.2 (4.0)	40	
10*	0.5	3.6	4	5.9 (0.6)	40	20	1.0	9.5	8	15.7 (1.6)	30	1.8	12.6	12	47.1 (4.8)	40	
15	0.6	7.5	6	8.8 (0.9)	40	25	1.0	9.5	10	19.6 (2.0)	35	2.0	19	14	54.9 (5.6)	40	
20	0.6	7.5	8	11.8 (1.2)	40	30	1.1	14.3	12	23.5 (2.4)	40	2.0	19	16	62.8 (6.4)	40	
25	0.65	10.7	10	14.7 (1.5)	40	35	1.1	14.3	14	27.5 (2.8)	45	2.0	19	18	70.6 (7.2)	40	
30	0.7	15.4	12	17.7 (1.8)	40	40	1.2	20.4	16	31.4 (3.2)	50	2.2	27.5	20	78.5 (8.0)	40	
35	0.7	15.4	14	20.6 (2.1)	40	45	1.2	20.4	18	35.3 (3.6)	60	2.2	27.5	24	94.1 (9.6)	40	
RDUTT 6-5*	0.5	2.4	2	3.9 (0.4)	40	50	1.2	20.4	20	39.2 (4.0)	70	2.3	34.5	28	109.8 (11.2)	40	
10	0.6	4.2	4	7.8 (0.8)	40	60	1.3	29.9	24	47.1 (4.8)	80	2.4	40.8	32	125.5 (12.8)	40	
15	0.7	7.4	6	11.8 (1.2)	40	70	1.4	43.4	24	47.1 (4.8)	RDUTT 13-15	1.0	5.75	6	11.8 (1.2)	40	
20	0.7	7.4	8	15.7 (1.6)	40	RDUTT 13-15	1.0	5.75	6	11.8 (1.2)	20	1.2	10.5	8	15.7 (1.6)	40	
25	0.8	13.6	10	19.6 (2.0)	40	25	1.2	10.5	10	19.6 (2.0)	25	1.2	10.5	10	19.6 (2.0)	40	
30	0.8	13.6	12	23.5 (2.4)	40	30	1.3	15	12	23.5 (2.4)	30	1.3	15	12	23.5 (2.4)	40	
35	0.85	17.5	14	27.5 (2.8)	40	35	1.3	15	14	27.5 (2.8)	40	1.3	15	14	27.5 (2.8)	40	
40	0.9	23.4	16	31.4 (3.2)	40	40	1.4	20.3	16	31.4 (3.2)	45	1.4	20.3	18	35.3 (3.6)	40	
45	0.9	23.4	18	35.3 (3.6)	36	45	1.4	20.3	18	35.3 (3.6)	50	1.5	27.8	20	39.2 (4.0)	40	
50	1.0	41	18	35.3 (3.6)	30	60	1.5	27.8	20	39.2 (4.0)	60	1.5	27.8	24	47.1 (4.8)	40	
60	1.0	41	24	47.1 (4.8)	34	70	1.6	38.4	28	54.9 (5.6)	70	1.6	38.4	28	54.9 (5.6)	40	
70	1.0	41	24	47.1 (4.8)	34	80	1.6	38.4	32	62.8 (6.4)	80	1.6	38.4	32	62.8 (6.4)	40	

弹簧常数

Type	UV	UY	UR	UF	RDUL	RDUTT	UM	UH	UBB
2		0.05{0.005}	0.2{0.02}	0.3{0.03}	0.5{0.05}				
3						N/mm 1.5 {kgf/mm} {0.15}	2.0{0.2}	2.9{0.3}	4.9{0.5}
4	N/mm 0.05 {kgf/mm} {0.005}	N/mm 0.098 {kgf/mm} {0.01}	N/mm 0.29 {kgf/mm} {0.03}	N/mm 0.49 {kgf/mm} {0.05}	N/mm 0.98 {kgf/mm} {0.1}			N/mm 5.9 {kgf/mm} {0.6}	N/mm 9.8 {kgf/mm} {1.0}
5						N/mm 2.0 {kgf/mm} {0.2}	N/mm 2.9 {kgf/mm} {0.3}	N/mm 9.8 {kgf/mm} {1.0}	N/mm 19.6 {kgf/mm} {2.0}
6									
8									
10									
12									
13									
14									