

圆线螺旋弹簧

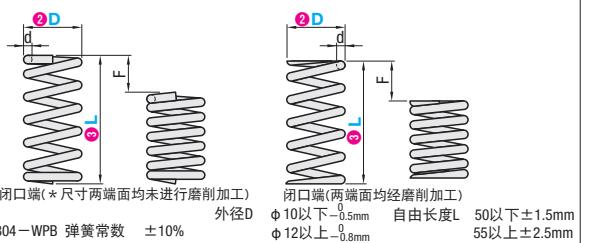
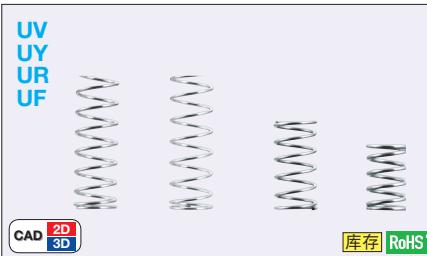
—外径基准不锈钢型—



CAD数据文件夹名: 34_Springs

请按照选型步骤①~③选择型式和参数后进行订购。

Order 订货范例 型式 (①Type · ②D) - ③L
UY4 - 25



■UV: Fmax. (容许位移量) = L × Fa%

型式	d	压紧长度	F max.	N {kgf} max.	Fa%
①Type②D-0L					
UV 3- 5	0.15	1.1	3.5	0.18 (0.018)	
10	0.18	2.5	7	0.35 (0.036)	
15	0.18	2.5	10.5	0.53 (0.054)	
20	0.20	3.3	14	0.70 (0.071)	
25	0.23	6.2	17.5	0.88 (0.089)	
30	0.23	6.2	21	1.05 (0.107)	
UV 4- 5	0.18	1.2	3.5	0.18 (0.018)	
10	0.20	1.7	7	0.35 (0.036)	
15	0.23	3.0	10.5	0.53 (0.054)	
20	0.23	3.0	14	0.70 (0.071)	
25	0.26	4.9	17.5	0.88 (0.089)	
30	0.26	4.9	21	1.05 (0.107)	
UV 5- 5	0.20	1.2	3.5	0.18 (0.018)	
10	0.23	1.8	7	0.35 (0.036)	
15	0.26	2.9	10.5	0.53 (0.054)	
20	0.29	4.5	14	0.70 (0.071)	
25	0.29	4.5	17.5	0.88 (0.089)	
30	0.29	4.5	21	1.05 (0.107)	

■UY: Fmax. (容许位移量) = L × Fa%

型式	d	压紧长度	F max.	N {kgf} max.	Fa%
①Type②D-0L					
UY 2- 5	0.13	1.5	3	0.15 (0.015)	
10	0.13	1.5	6	0.29 (0.03)	
15	0.15	2.7	9	0.44 (0.045)	
20	0.15	2.7	12	0.59 (0.06)	
25	0.18	6.3	15	0.74 (0.075)	
30	0.18	6.3	18	0.88 (0.09)	
UY 3- 5	0.16	0.92	3.75	0.37 (0.0375)	
10	0.2	2	7.5	0.74 (0.075)	
15	0.23	3.45	11.25	1.10 (0.1125)	
20	0.23	3.45	15	1.47 (0.15)	
25	0.26	6.24	15	1.47 (0.15)	
30	0.26	6.24	18	1.77 (0.18)	
UY 4- 5	0.2	1.05	3.75	0.37 (0.0375)	
10	0.23	1.84	7.5	0.74 (0.075)	
15	0.26	2.86	11.25	1.10 (0.1125)	
20	0.29	4.64	15	1.47 (0.15)	
25	0.3	5.4	18.75	1.84 (0.1875)	
30	0.3	5.4	22.5	2.26 (0.23)	
UY 5- 5	0.23	1.15	3.75	0.37 (0.0375)	
10	0.26	1.82	7.5	0.74 (0.075)	
15	0.3	3.15	11.25	1.10 (0.1125)	
20	0.3	3.15	15	1.47 (0.15)	
25	0.32	4.16	18.75	1.84 (0.1875)	
30	0.32	4.16	22.5	2.26 (0.23)	
UY 6- 5	0.26	1.24	3.5	0.34 (0.035)	
10	0.3	2.1	7.5	0.74 (0.075)	
15	0.32	2.64	11.25	1.10 (0.1125)	
20	0.35	3.85	15	1.47 (0.15)	
25	0.38	5.32	18.75	1.84 (0.1875)	
30	0.4	6.8	22.5	2.21 (0.225)	
35	0.4	6.8	26.25	2.55 (0.26)	
40	0.4	6.8	30	2.94 (0.3)	

④所有UV、UY型的两端面均未进行磨削加工。

⑤压紧长度为参考值。因批次不同会有少许差异。

⑥使用次数: 100万次。

⑦圈数、压紧长度的计算方法请参考P.1992。

型式	d	压紧长度	F max.	N {kgf} max.	Fa%
①Type②D-0L					
UY 8- 10	0.35	2.19	7.5	0.74 (0.075)	
15	0.4	3.4	11.25	1.10 (0.1125)	
20	0.4	3.4	15	1.47 (0.15)	
25	0.45	5.4	18.75	1.84 (0.1875)	
30	0.45	5.4	22.5	2.21 (0.225)	
35	0.5	8.3	26.25	2.55 (0.26)	
40	0.5	8.3	30	2.94 (0.3)	
45	0.5	8.3	33.75	3.33 (0.34)	
50	0.55	12.7	35	3.43 (0.35)	
UY 10- 10	0.5	3.25	6	1.18 (0.12)	
15	0.5	3.25	11.25	2.21 (0.225)	
20	0.55	4.4	15	2.94 (0.3)	
25	0.55	4.4	18.75	3.68 (0.375)	
30	0.6	11.25	44.1	4.05 (0.45)	
35	0.6	13.2	26.25	5.10 (0.52)	
40	0.6	13.2	30	5.88 (0.6)	
45	0.65	13.75	33.75	6.62 (0.675)	
50	0.65	13.75	37.5	7.35 (0.75)	
UY 12- 15	0.55	3.3	11.25	2.20 (0.225)	
20	0.55	3.3	15	2.94 (0.3)	
25	0.6	4.2	18.75	3.68 (0.375)	
30	0.65	5.53	22.5	4.41 (0.45)	
35	0.65	5.53	26.25	5.15 (0.525)	
40	0.7	7.35	30	5.88 (0.6)	
45	0.7	7.35	33.75	6.62 (0.675)	
50	0.7	7.35	37.5	7.35 (0.75)	
UY 15- 15	0.6	3.75	10.5	2.06 (0.21)	
20	0.6	3.75	15	2.94 (0.3)	
25	0.65	5.5	18.75	3.68 (0.375)	
30	0.65	6.2	22.5	4.41 (0.45)	
35	0.7	7.35	30	5.88 (0.6)	
40	0.7	7.35	33.75	6.62 (0.675)	
45	0.7	7.35	37.5	7.35 (0.75)	
UY 20- 20	0.6	6	12	5.9 (0.6)	
10	0.35	2.71	6	1.8 (0.18)	
15	0.38	3.61	9	2.6 (0.27)	
20	0.38	3.61	12	3.5 (0.36)	
25	0.45	7.43	15	4.4 (0.45)	
30	0.45	7.43	18	5.3 (0.54)	
35	0.5	12.25	21	6.2 (0.63)	
40	0.5	12.25	24	7.1 (0.72)	
45	0.5	12.25	27	7.9 (0.81)	
50	0.55	19.53	30	8.8 (0.9)	
UY 25- 25	0.6	7	15	4.4 (0.45)	
10	0.35	2.71	15	4.4 (0.45)	
15	0.38	3.61	18	5.3 (0.54)	
20	0.38	3.61	21	6.2 (0.63)	
25	0.45	7.43	24	7.1 (0.72)	
30	0.45	7.43	27	7.9 (0.81)	
35	0.5	12.25	30	8.8 (0.9)	
40	0.5	12.25	33	9.6 (1)	
45	0.5	12.25	36	9.8 (1)	
UY 30- 30	0.7	23.1	22.5	10.8 (1.1)	
10	0.7	23.1	27	12.7 (1.3)	
15	0.75	30.8	31.5	14.7 (1.5)	
20	0.75	30.8	35	17.7 (1.8)	
UY 35- 35	0.8	5.4	4.5	2.2 (0.22)	
10	0.5	5	4.5	2.2 (0.22)	
15	0.55	7.7	6.7	3.2 (0.33)	
20	0.55	7.7	9	4.4 (0.45)	
25	0.6	10.8	11.2	5.5 (0.56)	
30	0.65	15.6	15.7	7.6 (0.78)	
35	0.65	15.6	18	8.8 (0.9)	
40	0.65	15.6	20	9.8 (1)	
UY 40- 40	0.7	23.1	22.5	10.8 (1.1)	
10	0.7	23.1	27	12.7 (1.3)	
15	0.75	30.8	31.5	14.7 (1.5)	
20	0.75	30.8	35	17.7 (1.8)	
UY 45- 45	0.8	5.4	4.5	2.2 (0.22)	
10	0.5	5	4.5	2.2 (0.22)	
15	0.55	7.7	6.7	3.2 (0.33)	
20	0.55	7.7	9	4.4 (0.45)	
25	0.6	10.5	11.2	5.5 (0.56)	
30	0.7	15.5	15.7	7.6 (0.78)	
35	0.7	15.5	17	8.6 (0.8)	
40	0.8	18.4	18	8.8 (0.9)	
UY 50- 50	0.8	18.4	20	9.8 (1)	
10	0.8	18.4	22.5	10.8 (1.1)	
15	0.85	26.4	27	12.7 (1.3)	
20	0.85	26.4	31.5	14.7 (1.5)	
25	0.85	26.4	36</		