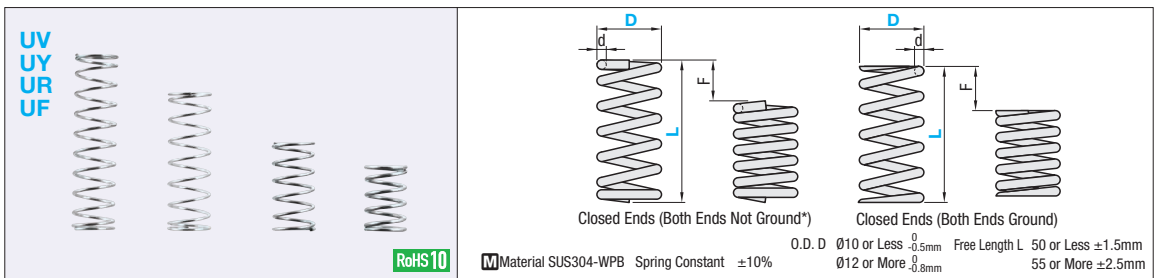


Round Coil Springs

O.D. Referenced Stainless Steel



UV: Fmax. (Allowable Deflection) =LxFa%

Part Number TypeD-L	d	Solid Length	F max.	N{kgf} max.	Fa%	Unit Price
UV3- 5	0.15	1.1	4	0.18(0.018)	70	
10	0.18	2.5	7	0.35(0.036)		
15	0.18	2.5	11	0.53(0.054)		
20	0.20	3.3	14	0.70(0.071)		
25	0.23	6.2	18	0.88(0.089)		
30	0.23	6.2	21	1.05(0.107)		
UV4- 5	0.18	1.2	4	0.18(0.018)		
10	0.20	1.7	7	0.35(0.036)		
15	0.23	3.0	11	0.53(0.054)		
20	0.23	3.0	14	0.70(0.071)		
25	0.26	4.9	18	0.88(0.089)		
30	0.26	4.9	21	1.05(0.107)		
UV5- 5	0.20	1.2	4	0.18(0.018)	70	
10	0.23	1.8	7	0.35(0.036)		
15	0.26	2.9	11	0.53(0.054)		
20	0.29	4.5	14	0.70(0.071)		
25	0.29	4.5	18	0.88(0.089)		
30	0.29	4.5	21	1.05(0.107)		
UV6- 10	0.26	2.0	7	0.35(0.036)		
15	0.30	3.3	11	0.53(0.054)		
20	0.30	3.3	14	0.70(0.071)		
25	0.35	6.5	18	0.88(0.089)		
30	0.35	6.5	21	1.05(0.107)		
35	0.35	6.5	25	1.23(0.125)		
40	0.35	6.5	28	1.40(0.143)		
UV8- 10	0.30	1.9	7	0.35(0.036)	70	
15	0.35	3.2	11	0.53(0.054)		
20	0.35	3.2	14	0.70(0.071)		
25	0.40	5.6	18	0.88(0.089)		
30	0.40	5.6	21	1.05(0.107)		
35	0.40	5.6	25	1.23(0.125)		
40	0.45	9.3	28	1.40(0.143)		
45	0.45	9.3	32	1.58(0.161)		
50	0.45	9.3	35	1.75(0.179)		

UY: Fmax. (Allowable Deflection) =LxFa%

Part Number TypeD-L	d	Solid Length	F max.	N{kgf} max.	Fa%	Unit Price
UY2- 5	0.13	1.5	3	0.15(0.015)	60	
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)		
UY3- 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)		
UY4- 5	0.2	1.05	3.75	0.37(0.0375)	75	
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)		
UY5- 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)		
35	0.35	6	26.25	2.55(0.26)		
40	0.35	6	30	2.94(0.3)		

UR: Fmax. (Allowable Deflection) =LxFa%

Part Number TypeD-L	d	Solid Length	F max.	N{kgf} max.	Fa%	Unit Price
UY6- 5	0.26	1.24	3.5	0.34(0.035)	70	
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)		
UY8- 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)	75	
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)		
UY10- 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	6.15	22.5	4.41(0.45)		
35	0.6	6.3	26.25	5.10(0.52)		
40	0.6	6.3	30	5.88(0.6)		
45	0.65	8.45	33.75	6.62(0.675)		
50	0.65	8.45	37.5	7.35(0.75)	75	
UY12- 15	0.55	3.3	11.25	2.206(0.225)		
20	0.55	3.3	15	2.942(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)		
60	0.8	13.6	45	8.83(0.9)		
70	0.8	13.6	52.5	10.30(1.05)		
80	0.8	13.6	60	11.77(1.2)		
UY13- 15	0.6	3.75	10.5	2.06(0.21)	70	
20	0.6	3.75	15	2.94(0.3)		
25	0.65	4.9	18.75	3.68(0.375)		
30	0.65	4.9	22.5	4.41(0.45)		
35	0.7	6.3	26.25	5.15(0.525)		
40	0.75	8.25	30	5.88(0.6)		
45	0.75	8.25	33.75	6.62(0.675)		
50	0.8	11.2	37.5	7.35(0.75)		
60	0.8	11.2	45	8.83(0.9)		
70	0.85	14.45	52.5	10.30(1.05)		
80	0.85	14.45	60	11.77(1.2)		
UY16- 15	0.7	4.2	9	1.77(0.18)	60	
20	0.7	4.2	15	2.94(0.3)		
25	0.7	4.2	18.75	3.68(0.375)		
30	0.75	5.44	22.5	4.41(0.45)		
35	0.8	6.8	26.25	5.15(0.525)		
40	0.8	6.8	30	5.88(0.6)		
45	0.85	8.5	33.75	6.62(0.675)		
50	0.9	10.8	37.5	7.35(0.75)		
60	0.9	10.8	45	8.83(0.9)		
70	1	17	52.5	10.30(1.05)		
80	1	17	60	11.77(1.2)		
UY20- 20	0.9	5.4	12	3.53(0.36)	60	
25	0.9	5.4	18.75	5.49(0.56)		
30	0.9	5.4	22.5	6.62(0.675)		
35	1	7.5	26.25	7.65(0.78)		
40	1	7.5	30	8.83(0.9)		
45	1	7.5	33.75	9.90(1.01)		
50	1.1	11	37.5	11.03(1.125)		
60	1.1	11	45	13.24(1.35)		
70	1.2	15.6	52.5	15.45(1.58)		
80	1.2	15.6	60	17.65(1.8)		

Both ends of UV, UY Type springs are not ground.
The values of solid length are for reference only. There may be some variations depending on the lot.
Usage Count: 1 Million Times

UF: Fmax. (Allowable Deflection) =LxFa%

Part Number TypeD-L	d	Solid Length	F max.	N{kgf} max.	Fa%	Unit Price
UF10- 10	0.65	4.6	4.5	2.2(0.22)	60	
15	0.65	4.6	6.7	3.2(0.33)		
20	0.8	9.6	9	4.4(0.45)		
25	0.8	9.6	11.2	5.5(0.56)		
30	0.85	12.8	13.5	6.6(0.67)		
35	0.85	12.8	15.7	7.6(0.78)		
40	0.9	17	18	8.8(0.9)		
45	0.9	17	20	9.8(1)		
50	0.9	17	22.5	10.8(1.1)		
60	1.0	28	27	12.7(1.3)		
70	1.0	28	31.5	14.7(1.5)		
80	1.0	28	36	17.7(1.8)		
UF12- 15	0.8	6.8	6.7	3.2(0.33)	60	
20	0.8	6.8	9	4.4(0.45)		
25	0.8	6.8	11.2	5.5(0.56)		
30	0.9	10.8	13.5	6.6(0.67)		
35	1.0	17	15.7	7.6(0.78)		
40	1.0	17	18	8.8(0.9)		
45	1.0	17	20	9.8(1)		
50	1.1	26.4	22.5	10.8(1.1)		
60	1.1	26.4	27	12.7(1.3)		
70	1.1	26.4	31.5	14.7(1.5)		
80	1.2	30	36	17.7(1.8)		
UF13- 15	0.8	5.6	6.7	3.2(0.33)	60	
20	0.8	5.6	9	4.4(0.45)		
25	0.85	7.2	11.2	5.5(0.56)		
30	1.0	14	13.5	6.6(0.67)		
35	1.0	14	15.7	7.6(0.78)		
40	1.0	14	18	8.8(0.9)		
45	1.1	21.5	20	9.8(1)		
50	1.1	21.5	22.5	10.8(1.1)		
60	1.1	21.5	27	12.7(1.3)		
70	1.2	30	31.5	14.7(1.5)		
80	1.2	30	36	17.7(1.8)		
UF16- 15	0.9	5.6	6.7	3.2(0.33)	60	
20	1.0	7.7	9	4.4(0.45)		
25	1.0	7.7	11.2	5.5(0.56)		
30	1.1	12.1	13.5	6.6(0.67)		
35	1.1	12.1	15.7	7.6(0.78)		
40	1.2	18	18	8.8(0.9)		
45	1.2	18	20	9.8(1)		