

Round Wire Springs

Outer Diameter Selectable, Stainless Steel

Code	Type	Material		Maximum Allowable Deflection	Spring Constant Tolerance
		GB	Equiv.		
YUV	Outer Diameter Selectable	0Cr18Ni9	SUS304-WPB	L×70%	±10%
YUY				L×(60~75)%	

□ D Tol.

D	Tol.
10 or Less	0 -0.5
12 or More	0 -0.8

□ L Tol.

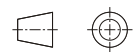
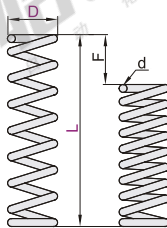
L	Tol.
50 or Less	±1.5
55 or More	±2.5

① The solid height values are for reference only. There may be some variation between lots.

② Usage Count: 1 Million Times.

③ Both ends are not grounded.

④ This series is an outer diameter reference spring, which is produced to ensure the outer diameter tolerance. The outer diameter is a negative tolerance and suitable for use with holes. The inner diameter is only for reference (according to the negative tolerance). Please pay attention to it when selecting.



The first perspective

□ YUV Fmax. (Maximum Allowable Deflection) = L×70%

Part Number			d	Solid Height	Fmax	Load N max.	Spring Constant N/mm
Code	D	L					
YUV	3	5	0.15	1.1	4	0.18	0.05
		10	0.18	2.5	7	0.35	
		15	0.18	2.5	11	0.53	
		20	0.2	3.3	14	0.7	
		25	0.23	6.2	18	0.88	
		30	0.23	6.2	21	1.05	
	4	5	0.18	1.2	4	0.18	
		10	0.2	1.7	7	0.35	
		15	0.23	3	11	0.53	
		20	0.23	3	14	0.7	
		25	0.26	4.9	18	0.88	
		30	0.26	4.9	21	1.05	
	5	5	0.2	1.2	4	0.18	
		10	0.23	1.8	7	0.35	
		15	0.26	2.9	11	0.53	
		20	0.29	4.5	14	0.7	
		25	0.29	4.5	18	0.88	
		30	0.29	4.5	21	1.05	
	6	10	0.26	2	7	0.35	
		15	0.3	3.3	11	0.53	
		20	0.3	3.3	14	0.7	
		25	0.35	6.5	18	0.88	
		30	0.35	6.5	21	1.05	
		35	0.35	6.5	25	1.23	
	7	40	0.35	6.5	28	1.4	
		10	0.3	1.9	7	0.35	
		15	0.35	3.2	11	0.53	
		20	0.35	3.2	14	0.7	
		25	0.4	5.6	18	0.88	
		30	0.4	5.6	21	1.05	
8	35	0.4	5.6	25	1.23		
	40	0.45	9.3	28	1.4		
	45	0.45	9.3	32	1.58		
	50	0.45	9.3	35	1.75		