

Code	Type	Material		Maximum Allowable Deflection	Spring Constant Tolerance
		GB	Equiv.		
YVUM	Inner Diameter Selectable	0Cr18Ni9	SUS304-WPB	L×35%	±10%
YVUL				L×40%	

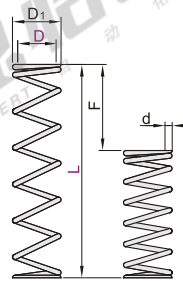
Features: These products are round wire coil springs that are based on the inner diameter value as reference and have a fixed Load capacity for each inner diameter.

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

Usage Count: 1 Million Times. Both ends are ground.

Due to the structural upgrade and improvement of this series of products, the product size has changed slightly. During the alternation of new and old models, there may be different models of products at the time of shipment, which will not affect the use.

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

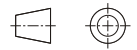


□ D TOL.

D	
8 or Less	+0.6 +0.1
10 or More	+0.8 +0.1

□ L TOL.

L	
50 or Less	±1
55 or More	±2



The first perspective

YVUM Fmax.(Maximum Allowable Deflection)=L×35%

Part Number	D	L	D1	d	Solid Height	Fmax	Load N max.	Spring Constant N/mm
Code	D	L						
5	15	6.6	0.80	6.8	5.3	15.39	2.90	
	20	6.8	0.90	11.7	7.0	20.58	2.94	
	25	7.0	1.00	13.5	8.8	25.68	2.92	
	30	7.2	1.10	14.5	10.5	30.87	2.94	
	35	7.2	1.10	20.35	12.3	35.97	2.92	
	40	7.0	1.00	14.5	14.0	41.16	2.94	
	45	7.2	1.10	15.8	15.8	46.26	2.93	
	50	7.2	1.10	22.0	17.5	51.45	2.94	
	15	7.8	0.90	7.7	5.3	15.39	2.90	
	20	8.0	1.00	11.0	7.0	20.58	2.94	
6	25	8.2	1.10	16.5	8.8	25.68	2.92	
	30	8.2	1.10	16.5	10.5	30.87	2.94	
	35	8.4	1.20	22.2	12.3	35.97	2.92	
	40	8.4	1.20	21.0	14.0	41.16	2.94	
	45	8.6	1.30	29.9	15.8	46.26	2.93	
	50	8.6	1.30	30.55	17.5	51.45	2.94	
	55	10.2	1.10	8.8	19.3	56.55	2.93	
	60	10.2	1.10	8.8	21.0	61.74	2.94	
	20	10.4	1.20	11.11	7.0	20.58	2.94	
	25	10.4	1.20	11.11	8.8	25.68	2.92	
8	30	10.6	1.30	15.6	10.5	30.87	2.94	
	35	10.6	1.30	15.6	12.3	35.97	2.92	
	40	10.8	1.40	22.4	14.0	41.16	2.94	
	45	10.8	1.40	22.4	15.8	46.26	2.93	
	50	11.0	1.50	27.8	17.5	51.45	2.94	
	55	11.0	1.50	27.8	19.3	56.55	2.93	
	60	11.2	1.60	35.65	21.0	61.74	2.94	
	65	11.4	1.70	46.04	22.8	66.84	2.93	
	70	11.4	1.70	46.04	24.5	72.03	2.94	
	80	12.4	1.20	8.4	28.0	82.32	2.94	
10	25	12.6	1.30	10.4	7.0	20.58	2.94	
	30	12.6	1.30	10.4	8.8	25.68	2.92	
	35	13.0	1.50	18.8	10.5	30.87	2.94	
	40	13.0	1.50	18.8	12.3	35.97	2.92	
	45	13.2	1.60	23.2	14.0	41.16	2.94	
	50	13.2	1.60	23.2	15.8	46.26	2.93	
	55	13.4	1.70	28.9	17.5	51.45	2.94	
	60	13.4	1.70	28.9	19.3	56.55	2.93	
	65	14.8	1.40	9.8	21.0	61.74	2.94	
	70	14.8	1.40	9.8	22.8	66.84	2.93	
12	40	15.2	1.60	16.0	24.5	72.03	2.94	
	45	15.2	1.60	16.0	28.0	82.32	2.94	
	50	15.6	1.80	23.4	28.0	82.32	2.94	
	55	15.6	1.80	23.4	31.5	92.61	2.94	
	60	19.6	1.80	14.4	8.8	25.68	2.92	
	65	19.6	1.80	14.4	10.5	30.87	2.94	
	70	19.6	1.80	14.4	12.3	35.97	2.92	
	75	19.6	1.80	14.4	14.0	41.16	2.94	
	80	19.6	1.80	14.4	15.8	46.26	2.93	
	85	19.6	1.80	14.4	17.5	51.45	2.94	
16	50	20.4	2.20	28.6	19.3	56.55	2.93	
	55	20.4	2.20	28.6	21.0	61.74	2.94	
	60	20.4	2.20	28.6	22.8	66.84	2.93	
	65	20.4	2.20	28.6	24.5	72.03	2.94	
	70	20.4	2.20	28.6	28.0	82.32	2.94	
	75	20.4	2.20	28.6	31.5	92.61	2.94	
	80	20.4	2.20	28.6	35.0	102.90	2.94	
	85	20.4	2.20	28.6	35.0	102.90	2.94	
	90	20.4	2.20	28.6	35.0	102.90	2.94	
	100	20.4	2.20	28.6	35.0	102.90	2.94	

YVUL Fmax.(Maximum Allowable Deflection)=L×40%

Part Number	D	L	D1	d	Solid Height	Fmax	Load N max.	Spring Constant N/mm
Code	D	L						
5	15	6.2	0.60	4.8	6	5.88		
	20	6.2	0.60	4.8	8	7.84		
	25	6.4	0.70	9.1	10	9.80		
	30	6.4	0.70	9.1	12	11.76		
	35	6.6	0.80	16.0	14	13.72		
	40	6.6	0.80	16.0	16	15.68		
	45	6.7	0.85	18.73	18	17.64		
	50	6.7	0.85	18.73	20	19.60		
	15	7.4	0.70	6.3	6	5.88		
	20	7.4	0.70	6.3	8	7.84		
6	25	7.6	0.80	10.4	10	9.80		
	30	7.6	0.80	10.4	12	11.76		
	35	7.8	0.90	16.2	14	13.72		
	40	7.8	0.90	16.2	16	15.68		
	45	8.0	1.00	25.03	18	17.64		
	50	8.0	1.00	25.03	20	19.60		
	55	9.8	0.90	9.5	22	21.56		
	60	9.8	0.90	9.5	24	23.52		
	20	10.0	1.00	14.0	26	25.48		
	25	10.0	1.00	14.0	28	27.44		
8	30	10.4	1.20	28.8	32	31.36		
	35	12.0	1.00	8.5	8	7.84		
	40	12.0	1.00	8.5	10	9.80		
	45	12.2	1.10	12.7	12	11.76		
	50	12.2	1.10	12.7	14	13.72		
	55	12.6	1.30	25.4	16	15.68		
	60	12.6	1.30	25.4	18	17.64		
	65	12.6	1.30	25.4	20	19.60		
	70	14.4	1.20	12.6	22	21.56		
	75	14.4	1.20	12.6	24	23.52		
10	80	14.8	1.40	21.7	26	25.48		
	85	14.8	1.40	21.7	28	27.44		
	90	19.0	1.50	15.8	32	31.36		
	95	19.0	1.50	15.8	36	35.28		
	100	19.0	1.50	15.8	40	39.20		
	105	19.0	1.50	15.8	44	43.20		
	110	19.0	1.50	15.8	48	47.16		
	115	19.0	1.50	15.8	52	51.12		
	120	19.0	1.50	15.8	56	55.08		
	125	19.0	1.50	15.8	60	59.04		

0.98



Part Number	D	L
YVUM	5	35
YVUM-D5-L30		



Discount price	Per	Price
1~3	100%	4~
Additional		



Delivery	2
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□ Allowable deflection Fmax : It indicates the maximum length of the Allowable Deflection of the spring. If the Allowable Deflection is exceeded, the spring will shorten.

□ Max. Load (Nmax) : allowable Load of deflection Fmax, unit : N.

□ Spring Constant N/mm=(Nmax)/(Fmax).