

Tension Spring ▶ Ultra-Light Load Type



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering.

Model (●Code)

BVAWA

— D

D2

— L

L10



Discounted Price

Quantity 1~8 10~

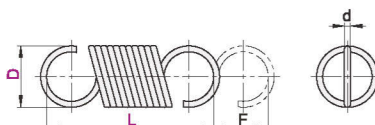
Price 100% Separate Quotation

Price Excluding Tax (Yen)



CAD 2D 3D

Code	Type	Material		Surface Treatment	Relative Angle of Hooks
		International	Equivalent		
BVAWA BVAUA	Ultra-Light Load Type Standard Type	Spring steel 0Cr18Ni9	SWP-A SUS304-WPB	Black Oxide Finish —	180°



Model			Wire Diameter d	During Dynamic Load		Initial Tension (N)	Spring Constant N/mm
Code	D	L		Maximum Displacement Fmax	Maximum Load N		
BVAWA BVAUA	2	10	0.2	6.7	0.69	0.13	0.083
		15		11.8			0.047
		20		17.2			0.032
		25		22.8			0.025
		30		28.5			0.02
		35		34.2			0.017
	3	10*	0.25	10.4	1.27	0.15	0.11
		15*		23			0.049
		20*		35.9			0.031
		25*		47.9			0.024
		30		57.5			0.02
		35		67.1			0.017
	4	15*	0.35	14.6	2.26	0.25	0.14
		20*		24.1			0.083
		25		32.5			0.062
		30*		42.7			0.047
		35		51.2			0.039
		40*		60.3			0.033
	5	15*	0.45	8.2	3.24	0.49	0.33
		20		15.5			0.18
		25*		21.5			0.13
		30*		29.4			0.093
		35*		35			0.078
		40*		43			0.064
	6	45	0.55	50.9	6.08	0.64	0.054
		50		56			0.049
		20*		16.2			0.34
		25*		25.2			0.22
		30*		34.7			0.16
		35*		42.7			0.13
	6	40*	0.55	50.4	6.08	0.64	0.11
		45*		61.6			0.088
		50		69.3			0.079
		55		79.3			0.069
		60*		85.3			0.064

Model			Wire Diameter d	During Dynamic Load		Initial Tension (N)	Spring Constant N/mm
Code	D	L		Maximum Displacement Fmax	Maximum Load N		
BVAWA BVAUA	8	25*	0.7	18.1	8.53	1.08	0.41
		30		27.1			0.28
		35*		36.2			0.21
		40*		44.7			0.17
		45		54.2			0.14
		50		63.3			0.12
	10	55	0.9	69	10.8	2.06	0.11
		60		80			0.093
		65		89.4			0.083
		70		95			0.078
		30		13.4			0.65
		35		18.5			0.47
	12	40	1.1	24	19.6	2.94	0.36
		45		29.6			0.29
		50		35.6			0.25
		55		42.3			0.21
		60		46.8			0.19
		70		59.3			0.15
	12	80	1.1	68.4	19.6	2.94	0.13
		90		80.9			0.11
		100		93.6			0.093
		35		17.8			0.94
		40		25			0.67
		45		31			0.54
	12	50	1.1	37.7	19.6	2.94	0.44
		55		44.7			0.37
		60		51.5			0.32
		70		65.3			0.26
		80		77.2			0.22
		90		94.4			0.18
	12	100		106.2			0.16

① Initial Tension and Spring Constant are reference values. Load (kgf)= Load Nx0.101972

① Economy Series specifications are only applicable to items marked with "*".