

Tension Spring ▶ Medium-Heavy Load Type



Please order according to the diagram

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

Model (①Code)

BVAWF

②D

D3

③L

L10



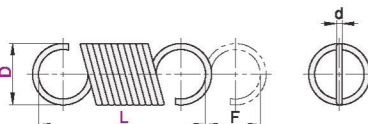
Discounted Price

Quantity 1~9 10~
Price 100% Separate Quotation

Price Excluding Tax (Yen)



CAD 2D 3D



Code	Type	Material		Surface Treatment	Relative Angle of Hooks
		International	Equivalent		
BVAWF	Medium-Heavy Load Type	Standard Type	Spring steel	SWP-A	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		
BVAWF	3	10*	0.45	2.2	6.47	1.57	2.26
		15*		4.5			1.08
		20*		6.7			0.74
		25		9.1			0.54
		30		11.4			0.43
		15*		4.5			1.47
	4	20*	0.55	7.1	8.43	1.86	0.93
		25*		10			0.66
		30		12.6			0.52
		35*		15.2			0.43
		40		18.1			0.36
		15*		3.9			3.14
	5	20*	0.7	6.9	14.71	2.45	1.77
		25*		9.6			1.28
		30*		12.5			0.98
		35*		15.6			0.78
		40*		19.2			0.64
		45		21.9			0.56
	6	50	0.9	25	23.54	5.88	0.49
		20*		3.9			4.51
		25*		6			2.94
		30*		7.8			2.26
		35*		10			1.77
		40*		12			1.47
		45		13.8			1.28
		50*		16.4			1.08
		55		18			0.98
		60		20			0.88

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

Model			Wire Diameter d	During Dynamic Load		Initial Tension (N)	Spring Constant N/mm
Code	D	L		Maximum Displacement Fmax	Maximum Load N		
BVAWF	8	25	1.1	5.8	31.38	6.86	4.23
		30		8.3			2.94
		35		10.9			2.26
		40		13.2			1.86
		45		15.6			1.57
		50		18.5			1.32
	10	55	1.4	21.7	49.03	12.75	1.13
		60		23.8			1.03
		65		26.3			0.93
		70		27.8			0.88
		30		6.5			5.58
		35*		8.7			4.17
	12	40*	1.8	10.7	83.36	23.54	3.39
		45*		12.9			2.81
		50*		15.2			2.39
		55		17.2			2.11
		60		19.5			1.86
		70		23.1			1.57
		80		27.4			1.32
		90		32.1			1.13
		100		46.2			0.79
		35		5			12
		40		7			8.55
		45		9			6.65
		50		11			5.44
		55		13			4.6
		60		14.5			4.13
		70		17.8			3.36
		80		21.3			2.81
		90		24.5			2.44
		100		27.5			2.18