


Tension Springs / Hooks

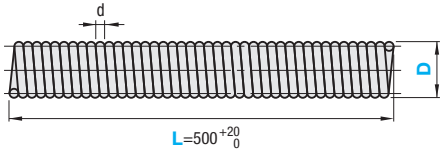
Long, Medium Load

Tension Springs
Long, Medium Load



RoHS10


Type	Material
LWS	SWP-A
LUS	SUS304-WPB



Part Number		Spring Constant N/mm	Wire Dia. dmm	Initial Tension N	Max. Deflection %	Applicable Hook	Unit Price	
Type	D-L						LWS	LUS
LWS LUS	5-500	0.020	0.6	1.57	50	HBFK□5		
	6-500	0.050	0.8	3.53		HBFK□6		
	8-500	0.060	1.0	4.9		HBFK□8		
	10-500	0.075	1.2	5.49		HBFK□10		
	12-500	0.190	1.6	14.71		HBFK□12		
LWS	14-500	0.210	1.8	16.67		HBFK□14		
	16-500	0.230	2.0	19.61		HBFK□16		
	18-500	0.340	2.3	27.46		HBFK□18		

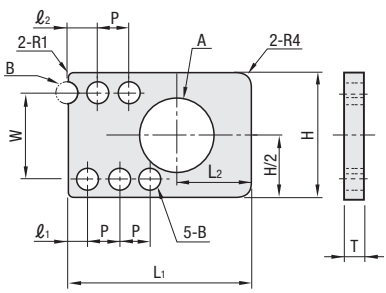
Load {kgf} = Load N x0.101972

Hooks



RoHS10

Type	Material	Surface Treatment
HBFKN	SPCC	Black Oxide
HBFKS	SUS304	-



Part Number		W	A	B	P	L1	L2	H	T	l1	l2	Unit Price	
Type	No.											HBFKN	HBFKS
HBFKN HBFKS	5	4.1	5	1.0	2.0	24	6	10	1.0	1.0	2.0		
	6	4.9											
	8	6.6											
	10	8.4	6	1.5	2.6	26	7	15		1.5	2.8		
	12	9.9							7	2.2	3.2	30	7.5
	14	12.2	9	2.5	4.0	34	8.5	20					
	16	14.0							22	2.5	4.5		
	18	15.7	2.9	5.2	25	2.9	5.2						

Please choose the same number as D Dimension of LWS or LUS.

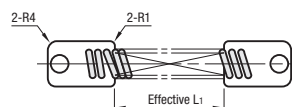


Ordering
Example

Part Number

LWS10-500
HBFKN10

How to Use



Springs can be cut to desired lengths.
Use the hook HBFKN by inserting the springs in its five holes.
Do not exceed 50% of the max. deflection for full length L1 when cutting.
Spring Constant should be $\frac{L}{L_1}$ times.