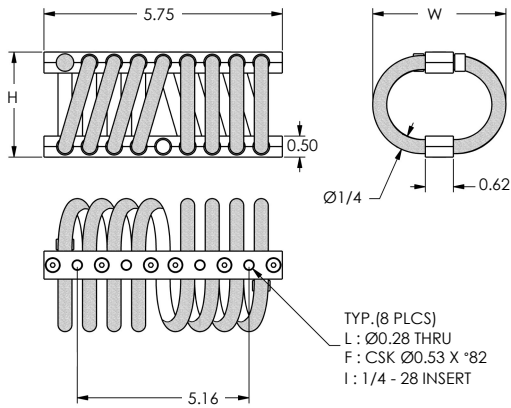




Mounting Hole Description & Suffix	
II	Threaded inserts in both bars
IF	Threaded insert in one bar, countersunk hole in other
FF	Countersunk hole in both bars
IL	Threaded insert in one bar and through hole in other
LL	Through hole in both bars
LF	Countersunk hole in one bar and through hole in the other

Table 1: Mounting Holes

Part Number	Dimensions (in)		Load Mode	Shock Isolation			Vibration Isolation	
	H	W		Average Stiffness (lbs/in)	Max Dynamic Load (lbs)	Max Static Deflect. (in.)	Max Static Load (lbs)	Max Static Deflect. (in.)
CA08008-01	1.90	2.20	45 Degrees	400	480	1.2	120	0.20
			Compression	1000	700	0.7	220	0.15
			Shear/Roll	875	700	0.8	80	0.15
CA08008-02	2.13	2.50	45 Degrees	257	360	1.4	115	0.25
			Compression	667	600	0.9	190	0.20
			Shear/Roll	500	500	1.0	78	0.20
CA08008-03	2.35	2.80	45 Degrees	200	340	1.7	115	0.30
			Compression	482	530	1.1	140	0.20
			Shear/Roll	367	440	1.2	66	0.25
CA08008-04	2.50	3.13	45 Degrees	140	280	2.0	95	0.30
			Compression	292	380	1.3	110	0.20
			Shear/Roll	227	340	1.5	55	0.30
CA08008-07	2.50	3.50	45 Degrees	130	260	2.0	90	0.35
			Compression	264	370	1.4	100	0.20
			Shear/Roll	212	340	1.6	49	0.40
CA08008-08	2.63	3.75	45 Degrees	114	250	2.2	71	0.35
			Compression	193	290	1.5	90	0.25
			Shear/Roll	176	300	1.7	44	0.40
CA08008-09	2.63	3.95	45 Degrees	100	220	2.2	65	0.40
			Compression	180	270	1.5	85	0.25
			Shear/Roll	167	300	1.8	42	0.40
CA08008-05	3.20	4.00	45 Degrees	60	175	2.9	48	0.45
			Compression	135	270	2.0	80	0.35
			Shear/Roll	105	220	2.1	40	0.50
CA08008-06	3.55	4.00	45 Degrees	50	155	3.1	45	0.50
			Compression	109	240	2.2	70	0.35
			Shear/Roll	76	175	2.3	37	0.50

Table 2: Values for Dimensions in Drawing & Performance Characteristics

Materials:

- Cable: Stainless Steel [Standard]
Or Galvanized Iron [Optional]
- Retainer Bars: Aluminum Alloy
Chromate treated per MIL-C-5541

Operating Temperature:

- -290°F to 570°F

Natural Frequency:

- 7 to 20 Hz

Transmissibility at Resonance:

- 3.5 Max

To Order:

Select Part Number from Table 2 and add suffix for mounting holes from Table 1

Ex: CA01010-01FF

1 Loop; Threaded insert in both bars

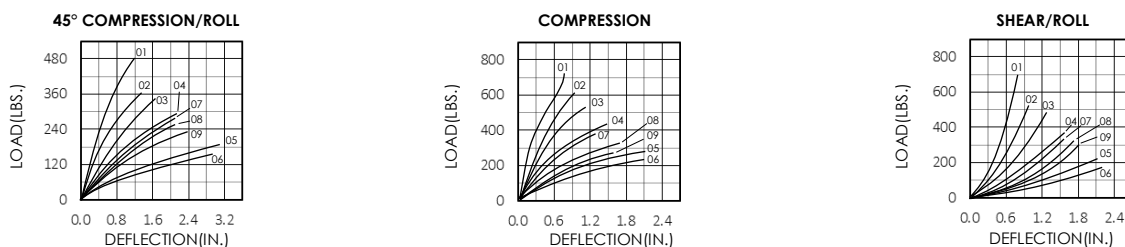


Figure 1: Load Vs. Deflection in each Load Mode