

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 Dynamic Deflect. (in.)	Max Static Load (lbs)	Max Static Deflect. (in.)
CA10506-01	2.95	3.60	45 Degrees	750	1350	1.80	337	0.20
			Compression	1625	1950	1.20	330	0.12
			Shear/Roll	1275	1275	1.00	247	0.20
CA10506-05	3.25	4.00	45 Degrees	571	1200	2.10	337	0.30
			Compression	1200	1800	1.50	330	0.16
			Shear/Roll	908	1090	1.20	180	0.30
CA10506-02	3.50	4.13	45 Degrees	426	1065	2.50	360	0.40
			Compression	971	1650	1.70	360	0.20
			Shear/Roll	723	940	1.30	210	0.40
CA10506-03	3.75	4.75	45 Degrees	327	915	2.80	330	0.50
			Compression	829	1575	1.90	300	0.25
			Shear/Roll	500	750	1.50	225	0.50
CA10506-06	4.25	5.25	45 Degrees	227	750	3.30	255	0.60
			Compression	504	1185	2.35	232	0.30
			Shear/Roll	375	675	1.80	187	0.60
CA10506-04	4.30	5.90	45 Degrees	212	720	3.40	225	0.60
			Compression	469	1125	2.40	180	0.30
			Shear/Roll	263	525	2.00	142	0.60
CA10506-07	4.90	5.65	45 Degrees	162	645	4.00	217	0.70
			Compression	324	940	2.90	180	0.35
			Shear/Roll	228	525	2.30	112	0.70
CA10506-08	5.40	6.13	45 Degrees	143	645	4.50	210	0.80
			Compression	253	885	3.50	180	0.40
			Shear/Roll	173	450	2.60	105	0.80
CA10506-09	6.10	7.10	45 Degrees	96	500	5.20	195	1.00
			Compression	179	735	4.10	150	0.50
			Shear/Roll	150	450	3.00	97	1.00

**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:**

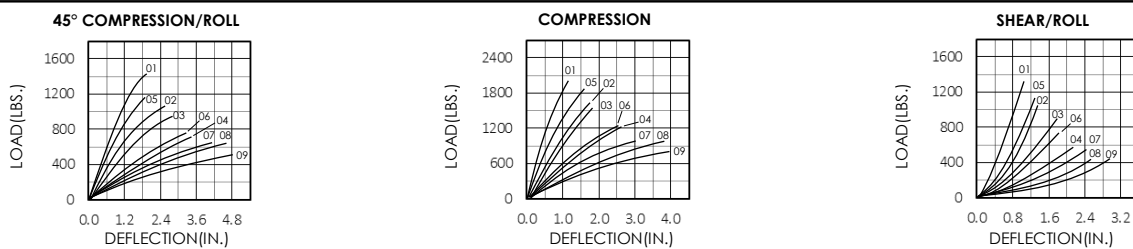
- 3.5 Max

**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**