

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 Deflection (in.)	Max Static Load (lbs)	Max Static Deflection (in.)
CA07012-00	1.80	2.00	45 Degrees	232	265	1.15	88	0.24
			Compression	454	375	0.83	126	0.16
			Shear/Roll	436	378	0.87	58	0.79
CA07012-01	2.00	2.28	45 Degrees	141	240	1.70	39	0.15
			Compression	300	300	1.00	50	0.10
			Shear/Roll	300	270	0.90	25	0.15
CA07012-02	2.06	2.50	45 Degrees	111	200	1.80	30	0.15
			Compression	234	270	1.15	43	0.10
			Shear/Roll	236	260	1.10	18	0.15
CA07012-03	2.13	2.94	45 Degrees	87	165	1.90	23	0.15
			Compression	200	240	1.20	37	0.10
			Shear/Roll	185	240	1.30	15	0.15
CA07012-04	2.19	3.19	45 Degrees	74	155	2.10	20	0.15
			Compression	169	220	1.30	30	0.10
			Shear/Roll	120	180	1.50	13	0.20
CA07012-05	2.45	3.45	45 Degrees	35	105	3.00	15	0.25
			Compression	76	160	2.10	25	0.20
			Shear/Roll	67	140	2.10	10	0.30
CA07012-06	3.20	4.20	45 Degrees	63	105	3.00	15	0.25
			Compression	137	205	1.50	28	0.15
			Shear/Roll	88	150	1.70	12	0.25

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

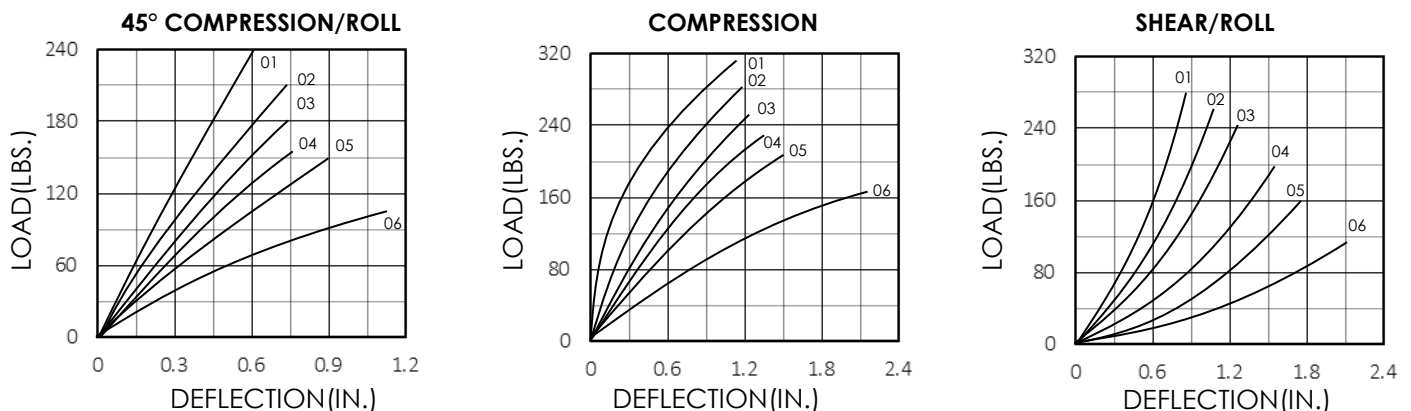


Figure 1: Load Vs. Deflection in each Load Mode