

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.)
CA03010-01	1.10	1.40	45 Degrees	217	130	0.60	40	0.10
			Compression	514	180	0.35	51	0.06
			Shear/Roll	413	165	0.40	27	0.12
CA03010-02	1.20	1.50	45 Degrees	156	125	0.80	35	0.12
			Compression	356	160	0.45	51	0.09
			Shear/Roll	317	190	0.60	24	0.15
CA03010-03	1.30	1.60	45 Degrees	128	115	0.90	33	0.15
			Compression	255	140	0.55	48	0.12
			Shear/Roll	214	150	0.70	18	0.15
CA03010-04	1.40	1.70	45 Degrees	95	95	1.00	25	0.15
			Compression	179	125	0.70	40	0.12
			Shear/Roll	181	145	0.80	18	0.20
CA03010-05	1.50	1.80	45 Degrees	77	85	1.10	24	0.20
			Compression	147	110	0.75	36	0.15
			Shear/Roll	150	135	0.90	18	0.25
CA03010-06	1.60	1.90	45 Degrees	64	83	1.30	21	0.20
			Compression	117	105	0.90	33	0.15
			Shear/Roll	122	110	0.90	16	0.25
CA03010-07	1.70	2.00	45 Degrees	56	78	1.40	21	0.25
			Compression	100	95	0.95	33	0.20
			Shear/Roll	100	100	1.00	16	0.30

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

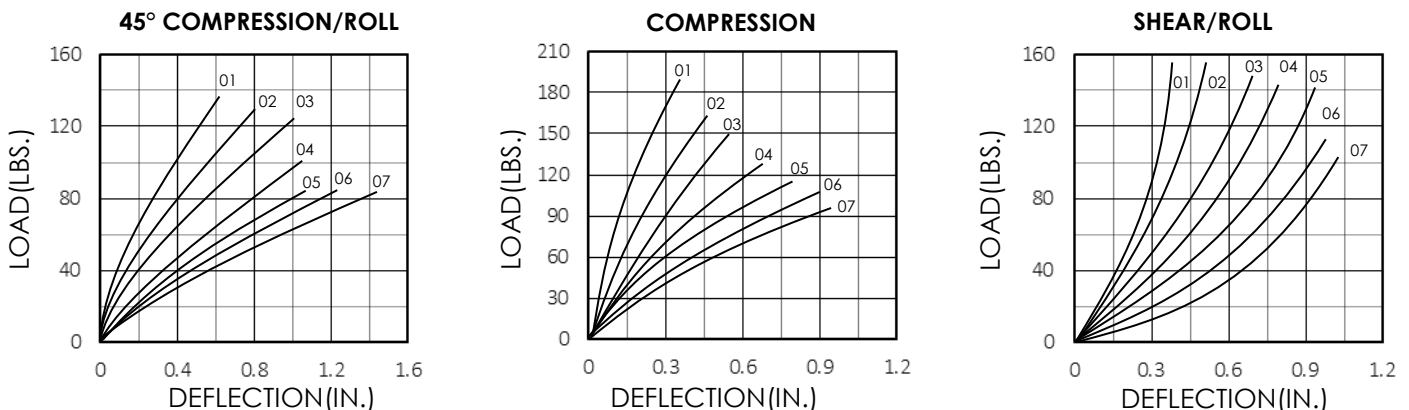


Figure 1: Load Vs. Deflection in each Load Mode