Shock Tech
SAFER WORLD GROUP
Better Partner. Better Value.™

CA13008 Series

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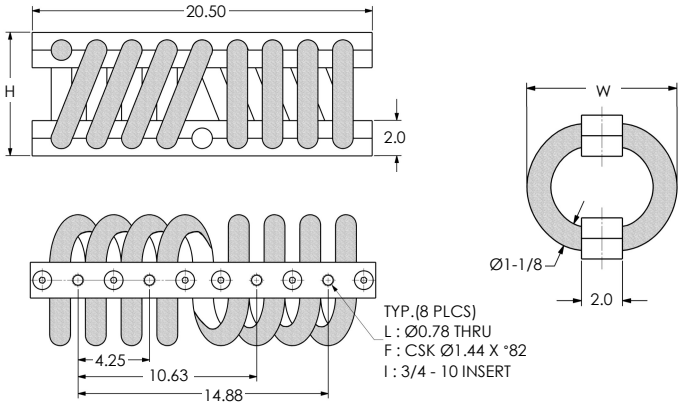

Mounting Hole Description & Suffix	
II	Threaded inserts in both bars
IF	Threaded insert in one bar, countersunk hole in other
FF	Countersunk hole in both bars
IL	Threaded insert in one bar and through hole in other
LL	Through hole in both bars
LF	Countersunk hole in one bar and through hole in the other

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.)
CA12008-01	7.00	8.50	45 Degrees	2708	10000	3.7	2300	0.30
			Compression	5185	14000	2.7	2500	0.25
			Shear/Roll	4600	11500	2.5	1300	0.30
CA12008-02	8.50	9.50	45 Degrees	1796	8800	4.9	1900	0.50
			Compression	3028	10600	3.5	2200	0.35
			Shear/Roll	3194	9900	3.1	1300	0.50
CA12008-03	9.25	10.25	45 Degrees	1111	7000	6.3	1600	0.60
			Compression	2128	10000	4.7	2000	0.45
			Shear/Roll	2275	9100	4.0	1200	0.60

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:

– -400°F to 700°F

Natural Frequency:

– 7 to 20 Hz

Transmissibility at Resonance:

– 3.5 Max

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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

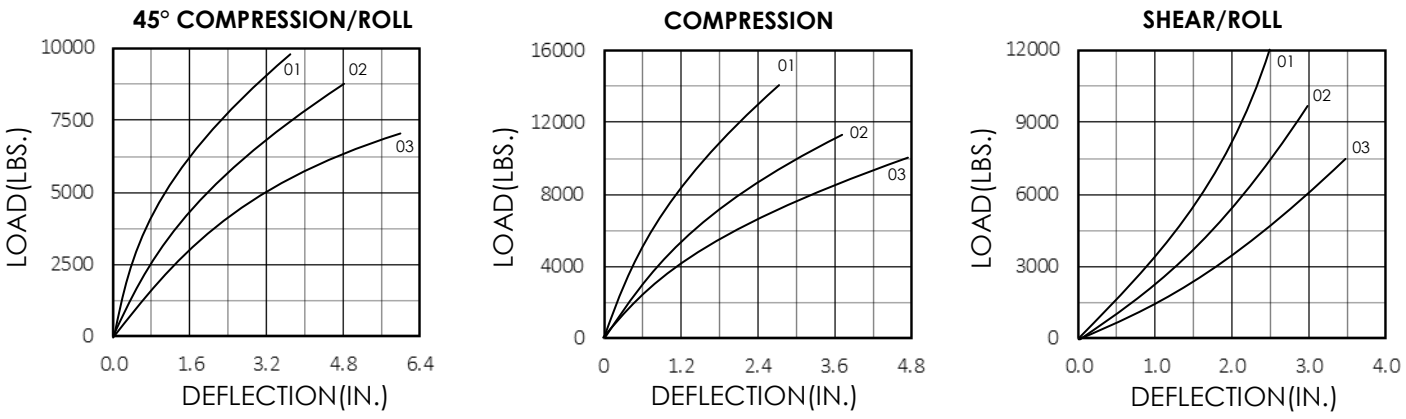

Figure 1: Load Vs. Deflection in each Load Mode