

- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Unequalled temperature range : -180°C to +300°C / -290F to 570 F
- Great adaptability/versatility

**Specials on request**

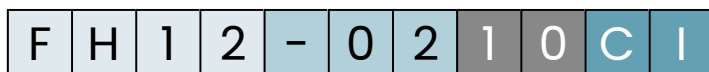
(material size and number of loops, etc.)

Dimensions are in inches. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
<b>FH12</b>
<b>Cable:</b> stainless steel
<b>Retainer bars:</b> aluminium alloy/ SurTec
<b>Clips:</b> stainless steel
<b>Inserts:</b> alloy steel/ zinc plate
Other materials on request

MODEL				
	height H (in)	width W (in)	weight (lbs)	
-02	1.1	1.5	0.29	
-04	1.2	1.5	0.29	
-06	1.3	1.7	0.29	
-08	1.4	1.7	0.31	
-10	1.5	1.9	0.31	
-12	1.6	1.9	0.31	
-14	1.7	2.0	0.33	
-16	2.0	2.4	0.35	
-18	2.1	2.5	0.35	
-20	2.1	2.8	0.37	
-22	2.2	3.1	0.40	

INTERFACES			
fixtures holes D	Bar 1		
		ø0.28 in through holes	ø0.28 in through holes countersunk 82°
Bar 2			
ø0.28 in through holes	T2	not standard	not standard
ø0.28 in through holes countersunk 82°	TC	C2	not standard
1/4 - 20 inserts	TI	CI	I2

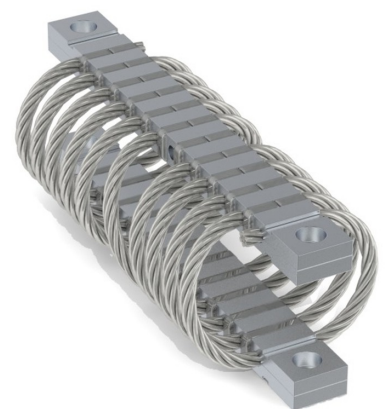


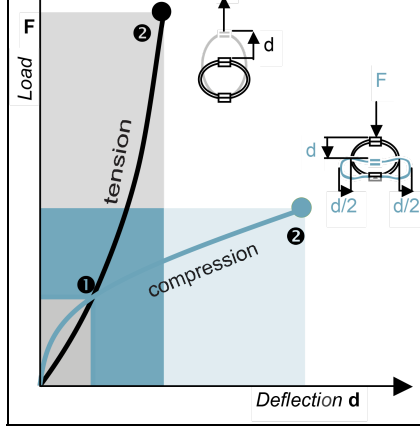
**SERIE:** FH12  
'Helical' mount from the FH12 series

**MODEL:** -02  
height: 1.1in  
width: 1.5in  
weight: 0.29lbs

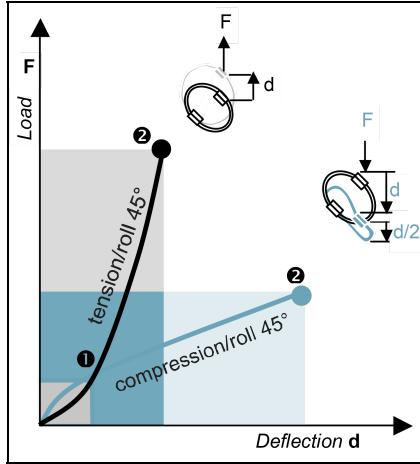
**LOOPS:** 10  
Serie standard is 10 loops

**INTERFACE:** CI  
ø0.28 in through holes countersunk 82° in bar 1, 1/4 - 20 inserts in bar 2

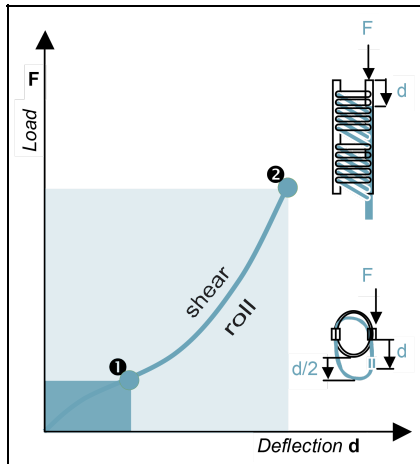




FH12 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16	-18	-20	-22
1. Max Static	F lbf	64	57	48	43	37	34	30	21	20	15	12
	d in	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.22	0.23	0.24	0.26
2. Max Shock	F lbf	190	170	140	130	110	100	89	64	60	45	35
	d in	0.39	0.46	0.57	0.67	0.74	0.85	0.96	1.2	1.3	1.3	1.4
3. Max Vibration	2a in	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.13	0.14	0.14	0.16
	f Hz	12.2	11.1	9.9	8.7	8.4	7.7	7.2	6.6	6.4	6.7	6.6
1. Max Static	F lbf	64	57	48	43	37	34	30	21	20	15	12
	d in	0.06	0.07	0.08	0.09	0.10	0.10	0.12	0.15	0.16	0.20	0.24
2. Max Shock	F lbf	680	590	480	400	360	310	270	200	180	160	140
	d in	0.27	0.30	0.34	0.35	0.41	0.42	0.46	0.63	0.66	0.93	1.2
3. Max Vibration	2a in	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.07	0.07	0.10	0.14
	f Hz	16.7	15.7	14.4	13.8	12.9	12.5	11.8	10.3	10.1	9.0	8.2



FH12 Series		Model	-02	-04	-06	-08	-10	-12	-14	-16	-18	-20	-22
1. Max Static	F lbf	48	43	36	32	28	25	22	16	15	11	8.8	
	d in	0.11	0.13	0.15	0.17	0.20	0.21	0.24	0.31	0.33	0.37	0.43	
2. Max Shock	F lbf	130	110	94	83	73	65	57	41	38	30	24	
	d in	0.58	0.69	0.85	1.0	1.1	1.3	1.4	1.8	1.9	2.0	2.1	
3. Max Vibration	2a in	0.06	0.08	0.09	0.11	0.12	0.14	0.16	0.20	0.21	0.22	0.23	
	f Hz	10.3	9.4	8.4	7.5	7.2	6.6	6.2	5.6	5.4	5.6	5.6	
1. Max Static	F lbf	48	43	36	32	28	25	22	16	15	11	8.8	
	d in	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.20	0.21	0.26	0.31	
2. Max Shock	F lbf	340	290	240	200	180	150	130	98	91	82	71	
	d in	0.31	0.34	0.39	0.40	0.47	0.48	0.53	0.72	0.75	1.1	1.4	
3. Max Vibration	2a in	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.08	0.08	0.12	0.15	
	f Hz	14.9	14.0	12.9	12.3	11.5	11.1	10.6	9.2	9.0	8.0	7.3	



FH12 Series		Model	-02	-04	-06	-08	-10	-12	-14	-16	-18	-20	-22
1. Max Static	F lbf	32	29	24	22	19	17	15	11	10.0	7.6	5.8	
	d in	0.09	0.11	0.14	0.17	0.19	0.22	0.26	0.33	0.35	0.36	0.39	
2. Max Shock	F lbf	190	160	130	100	90	76	65	47	44	39	33	
	d in	0.39	0.44	0.52	0.59	0.66	0.72	0.81	1.1	1.1	1.3	1.6	
3. Max Vibration	2a in	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.12	0.12	0.15	0.17	
	f Hz	12.1	11.3	10.3	9.6	9.1	8.6	8.1	7.2	7.0	6.6	6.1	

1. Max static load (F) with corresponding deflection (d)
2. Max shock load (F) with corresponding deflection (d)
3. Uncoupled resonant frequency (f) under max static loading 1. and max peak to peak sinusoidal vibration input (2a)

**\*IMPORTANT:** Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us

### TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

- Air: AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810
- Ground Forces: GAM EG13A, SEFT 001, MIL-STD-810, VG 9533
- Marine: GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, MIL-S-901, STANAG 042, BV 043.73, BV 044
- Others: GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C