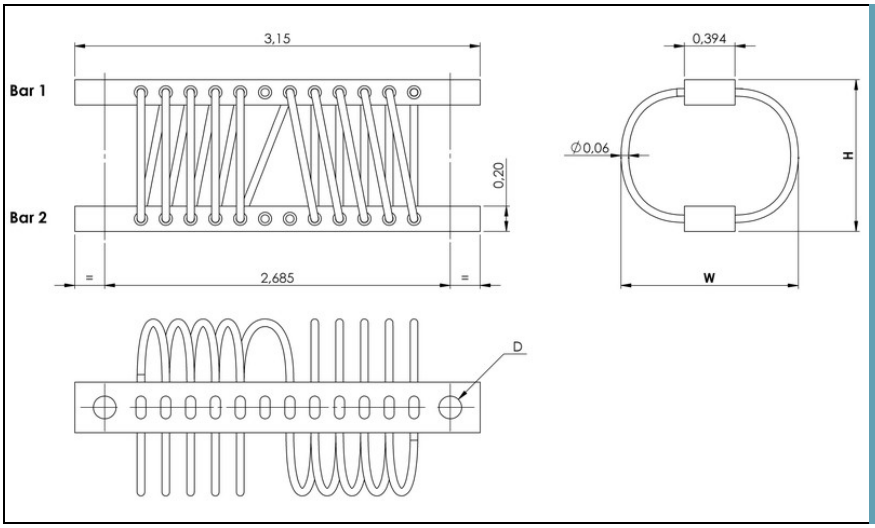
WIRE ROPE ISOLATORS: 'HELICAL'



- 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)

FH04

Cable:
stainless steel

Retainer bars:
aluminium alloy/ SurTec

All stainless steel : C2HSS

Other materials on request

MODEL

	height H (in)	width W (in)	weight (lbs)
-02	0.71	0.98	0.07
-04	0.79	1.1	0.07
-06	0.98	1.2	0.07
-08	1.1	1.3	0.07
-10	1.2	1.4	0.07
-12	1.3	1.5	0.07
-14	1.4	1.6	0.07
-16	1.5	1.7	0.07

INTERFACES

fixtures holes D	Bar 1		
Bar 2	ø 0.18 in through holes	ø 0.18 in through holes countersunk 82°	8 - 32
ø 0.18 in through holes	T2	not standard	not standard
ø 0.18 in through holes countersunk 82°	TC	C2	not standard
8 - 32	TI	CI	I2

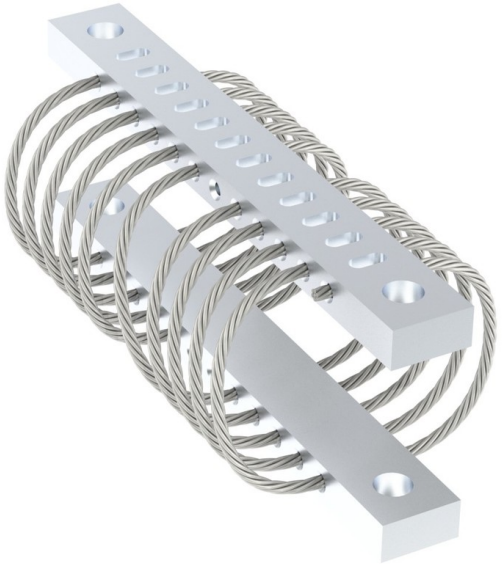
F	H	0	4	-	0	2	1	0	C	I

SERIE: FH04
'Helical' mount from the FH04 series

MODEL: -02
height: 0.71in
width: 0.98in
weight: 0.07lbs

LOOPS: 10
Serie standard is 10 loops

INTERFACE: CI
ø 0.18 in through holes countersunk 82° in bar 1,
8 - 32 in bar 2



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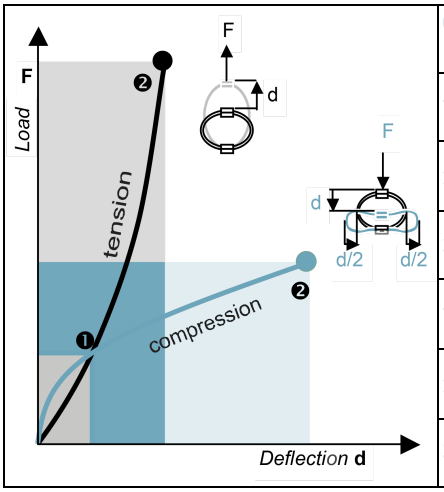
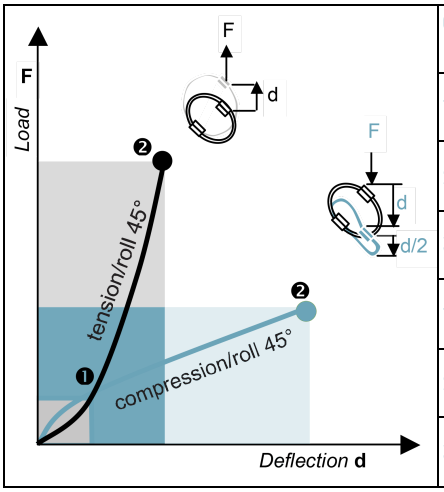


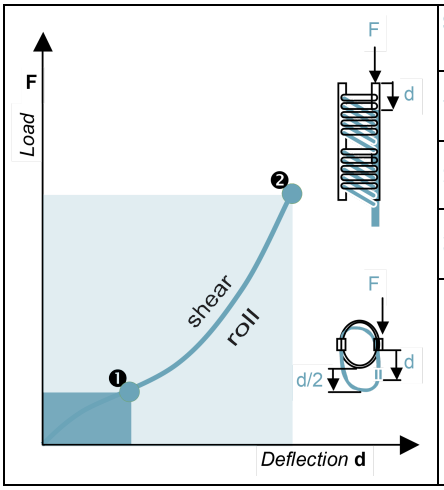
COMPRESSION AND TENSION

FH04 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16
1.Max Static	F lbf	12	9.3	8.0	6.5	5.7	4.7	4.2	3.7
	d in	0.05	0.07	0.09	0.11	0.12	0.14	0.15	0.17
2.Max Shock	F lbf	37	28	24	19	17	14	13	11
	d in	0.28	0.35	0.53	0.64	0.71	0.81	0.89	0.99
3.Max Vibration	2a in	0.03	0.04	0.06	0.07	0.08	0.09	0.10	0.11
	f Hz	17.1	15.2	12.8	11.8	11.2	10.4	10.0	9.4
1.Max Static	F lbf	12	9.3	8.0	6.5	5.7	4.7	4.2	3.7
	d in	0.04	0.06	0.06	0.07	0.08	0.09	0.10	0.11
2.Max Shock	F lbf	130	100	69	56	49	41	36	31
	d in	0.20	0.27	0.24	0.28	0.31	0.35	0.38	0.42
3.Max Vibration	2a in	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.05
	f Hz	21.7	19.0	19.2	17.7	16.8	15.8	15.2	14.4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH04 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16
1.Max Static	F lbf	9.2	7.0	6.0	4.8	4.2	3.6	3.2	2.7
	d in	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21
2.Max Shock	F lbf	24	19	15	12	11	9.0	8.1	6.9
	d in	0.43	0.53	0.80	0.96	1.1	1.2	1.3	1.5
3.Max Vibration	2a in	0.05	0.06	0.09	0.11	0.12	0.13	0.15	0.16
	f Hz	12.8	11.4	9.7	8.8	8.4	7.8	7.5	7.1
1.Max Static	F lbf	9.2	7.0	6.0	4.8	4.2	3.6	3.2	2.7
	d in	0.05	0.07	0.08	0.09	0.10	0.12	0.13	0.14
2.Max Shock	F lbf	67	52	34	27	24	20	18	15
	d in	0.23	0.30	0.27	0.32	0.35	0.40	0.43	0.48
3.Max Vibration	2a in	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.05
	f Hz	17.4	15.4	15.6	14.3	13.6	12.8	12.2	11.6



SHEAR OR ROLL

FH04 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16
1.Max Static	F lbf	6.1	4.6	4.0	3.2	2.8	2.4	2.1	1.8
	d in	0.06	0.08	0.13	0.17	0.19	0.21	0.23	0.28
2.Max Shock	F lbf	37	28	17	14	12	9.7	8.7	7.4
	d in	0.29	0.37	0.43	0.52	0.57	0.66	0.71	0.79
3.Max Vibration	2a in	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09
	f Hz	6.2	5.5	5.5	5.1	4.9	4.6	4.4	4.2

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