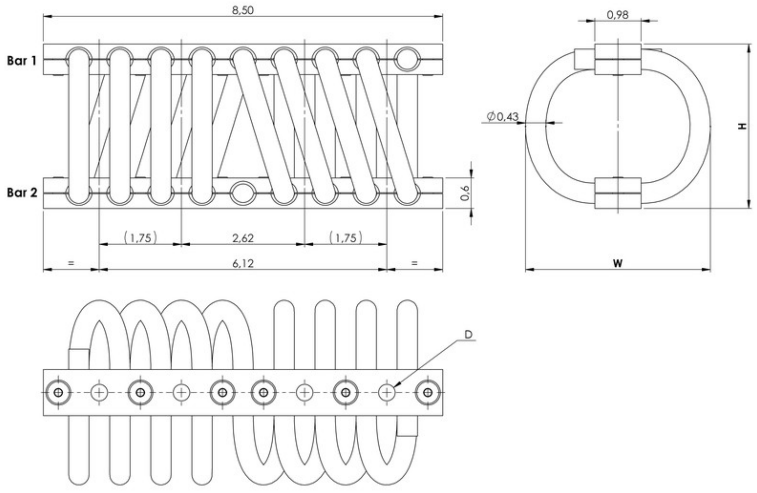
WIRE ROPE ISOLATORS: 'HELICAL'



- 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)

FH48

Cable:
stainless steel
galvanized available: CBG

Retainer bars:
aluminium alloy/
SurTec

Screws:
alloy steel/ zinc plate

Inserts:
stainless steel

All stainless steel: CBSS

Other materials on request

MODEL

	height H (in)	width W (in)	weight (lbs)
-20	2.7	3.3	2.4
-24	2.8	3.4	2.5
-32	2.9	3.7	2.6
-36	3.0	4.2	2.8
-38	3.5	4.4	3.0
-44	4.1	4.9	3.4
-46	4.3	5.6	3.7
-48	4.9	5.7	3.9
-50	5.3	6.1	4.2
-52	6.1	7.2	4.8

INTERFACES

fixtures holes D	Bar 1		
Bar 2	ø 0.28 in through holes	ø 0.28 in through holes counter-sunk 82°	1/4 - 28 inserts
ø 0.28 in through holes	T2	not standard	not standard
ø 0.28 in through holes counter-sunk 82°	TC	C2	not standard
1/4 - 28 inserts	TI	CI	I2

F	H	4	8	-	2	0	0	8	C	I

SERIE: FH48
'Helical' mount from the FH48 series

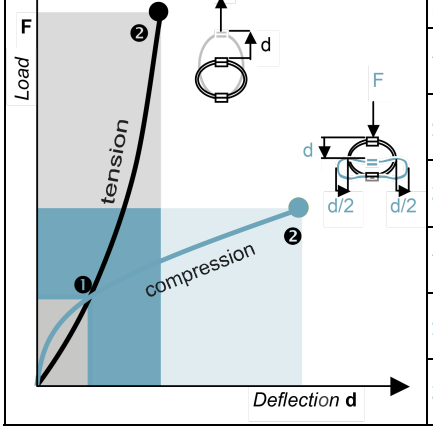
MODEL: -20
height: 2.7in
width: 3.3in
weight: 2.4lbs

LOOPS: 08
Serie standard is 08 loops

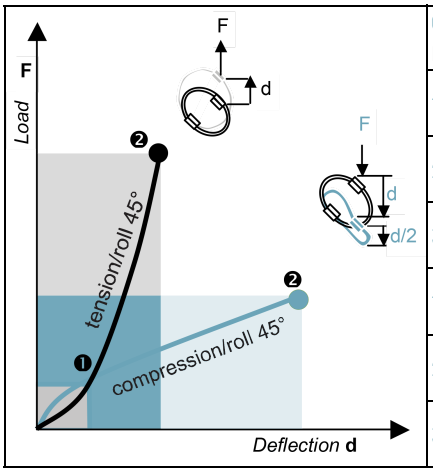
INTERFACE: CI
ø 0.28 in through holes counter-sunk 82° in bar 1,
1/4 - 28 inserts in bar 2

WIRE ROPE ISOLATORS: 'HELICAL'

COMPRESSION AND TENSION

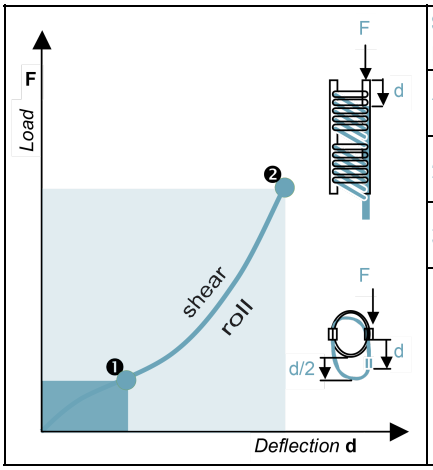


FH48 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52
1. Max Static	F lbf	810	730	630	450	430	340	240	240	210	150
	d in	0.22	0.24	0.27	0.29	0.37	0.45	0.49	0.58	0.64	0.80
2. Max Shock	F lbf	2400	2200	1900	1300	1300	1000	730	720	630	460
	d in	1.2	1.3	1.5	1.6	2.0	2.6	2.7	3.2	3.6	4.3
3. Max Vibration	2a in	0.14	0.15	0.16	0.17	0.22	0.28	0.29	0.35	0.39	0.48
	f Hz	6.3	6.1	6.0	6.2	5.2	4.4	4.7	4.0	3.7	3.5
1. Max Static	F lbf	810	730	630	450	430	340	240	240	210	150
	d in	0.15	0.16	0.19	0.25	0.26	0.31	0.40	0.40	0.44	0.55
2. Max Shock	F lbf	7200	6600	6000	5100	4100	3000	2600	2200	1900	1400
	d in	0.58	0.65	0.79	1.2	1.1	1.2	1.9	1.6	1.7	2.3
3. Max Vibration	2a in	0.06	0.07	0.09	0.14	0.12	0.14	0.20	0.18	0.19	0.25
	f Hz	10.5	10.0	9.3	8.0	7.9	7.3	6.4	6.4	6.1	5.4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH48 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52
1. Max Static	F lbf	610	550	480	340	320	250	180	180	160	110
	d in	0.31	0.34	0.38	0.46	0.52	0.64	0.76	0.81	0.90	1.1
2. Max Shock	F lbf	1600	1400	1200	900	830	650	490	460	400	290
	d in	1.9	2.0	2.2	2.3	3.0	3.8	4.0	4.8	5.4	6.5
3. Max Vibration	2a in	0.20	0.22	0.24	0.26	0.33	0.42	0.44	0.53	0.59	0.71
	f Hz	5.4	5.2	5.2	5.2	4.4	3.8	4.0	3.4	3.2	3.0
1. Max Static	F lbf	610	550	480	340	320	250	180	180	160	110
	d in	0.20	0.22	0.25	0.33	0.35	0.41	0.53	0.53	0.58	0.73
2. Max Shock	F lbf	3500	3200	3000	2600	2000	1500	1300	1100	940	700
	d in	0.66	0.74	0.90	1.4	1.3	1.4	2.1	1.8	2.0	2.6
3. Max Vibration	2a in	0.07	0.08	0.10	0.16	0.14	0.15	0.23	0.20	0.22	0.28
	f Hz	9.4	8.9	8.3	7.2	7.0	6.5	5.7	5.7	5.4	4.9



SHEAR OR ROLL

FH48 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52
1. Max Static	F lbf	410	360	320	220	210	170	120	120	110	76
	d in	0.32	0.35	0.38	0.41	0.53	0.70	0.73	0.89	1.00	1.2
2. Max Shock	F lbf	1800	1700	1500	1300	1000	720	630	510	440	330
	d in	1.0	1.1	1.3	1.7	1.8	2.2	2.7	2.8	3.0	3.8
3. Max Vibration	2a in	0.11	0.13	0.14	0.18	0.20	0.24	0.29	0.30	0.33	0.41
	f Hz	7.2	6.8	6.5	5.9	5.6	5.0	4.6	4.4	4.2	3.8

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